NOCH

... wie im Original

Specialist in Model Landscaping

Main Catalogue

2021 • 2022

Over 2,000 products and useful crafting tips on 420 pages

Everything on the Topics

- *Landscape and Track Construction*
- *Bridges and Viaducts*
- *Portals, Walls and Arcades*
- *Landscape Design*
- *Winter Scenery*
- *Trees and Bushes*
- *Buildings*
- *Figures and Decorations*
- *Model Railways*

... and much more

Highlights from

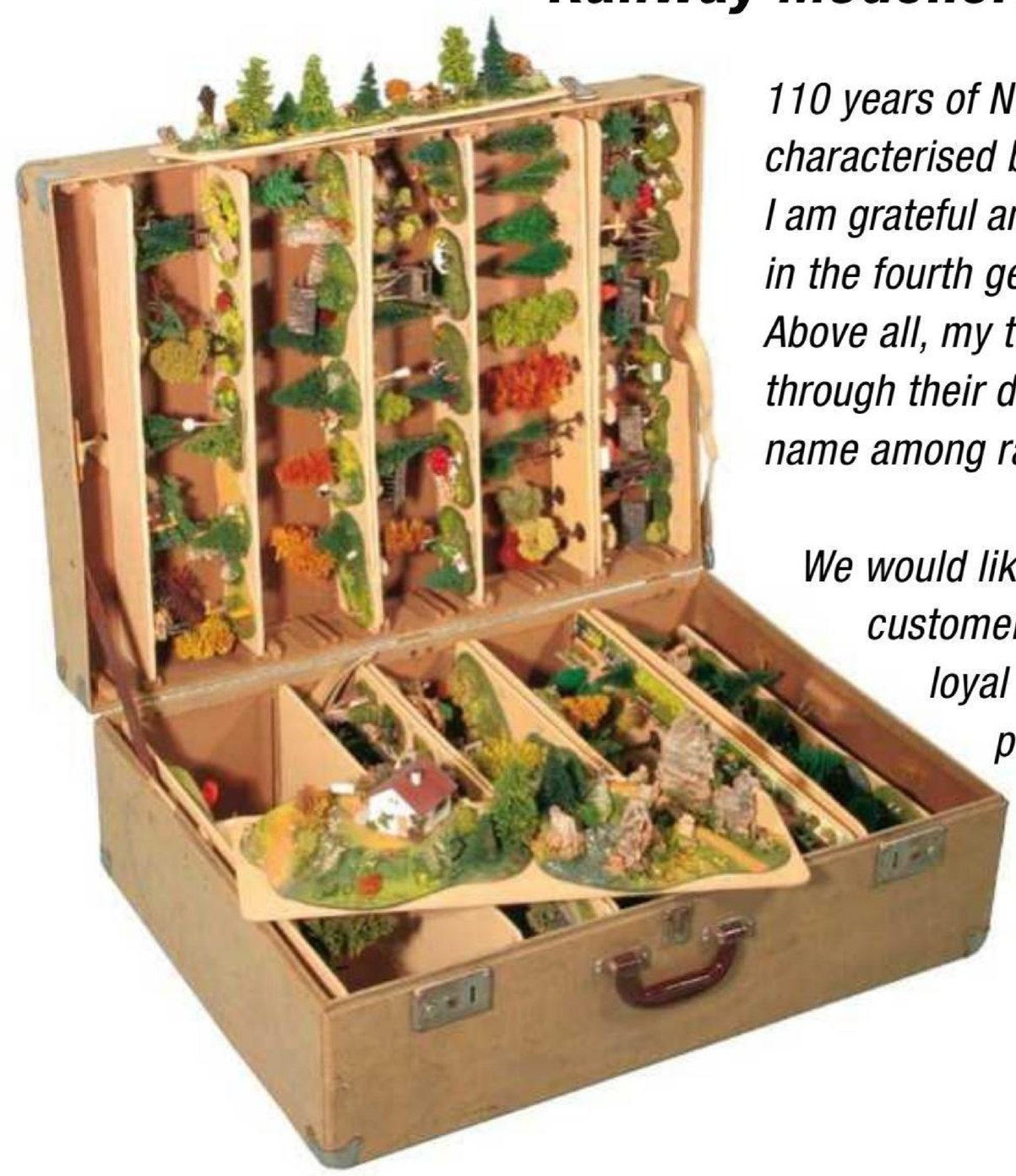
- *NOCH kreativ*
- *Ziterdes*
- *KATO*
- *ROKUHAN*
- *Athearn*

Issue 2021 • 2022
Germany Euro 6.00
Austria Euro 6.90
(RRP)





Dear Friends of NOCH, Railway Modellers and Hobbyists,



110 years of NOCH. How time flies. They were moving years characterised by commitment, passion and lots of fresh ideas. And I am grateful and proud to be able to continue this long family tradition in the fourth generation alongside my colleague Sebastian Topp. Above all, my thanks go out to my family and our colleagues who, through their dedication, have managed to make NOCH an esteemed name among railway modellers and hobbyists across the world.

We would like to celebrate the upcoming anniversary with all customers and friends of the brand. Many of you have been loyal to us for many decades and we know quite a few personally. Your enthusiasm for and joy in our products are the best motivation and impetus for our work. So, celebrate our 111th birthday with us: on 27th and 28th May 2022 in Wangen im Allgäu. We look forward to your visit.

Yours cordially,
Dr Rainer Noch



»The Early Years« – A Brief Chronicle

1911 *Oswald Noch founds the NOCH company as a plumber s workshop in Glauchau (Saxony).*
1936 *His son Erich Noch expands the assortment to include model railway products.*
1956 *After the NOCH company is nationalised by the regime of the German Democratic Republic, Erich Noch escapes with his family to the Federal Republic of Germany and continues to run NOCH from Maisach near Munich.*
1961 *NOCH finds a new home in Wangen im Allgäu. Father Erich and son Peter run the company together and develop many innovative products such as preformed layouts, the TERRA-FORM System and hard foam products.*



Open Day

We would like to celebrate our 111th birthday with you.

Visit us on

27th and 28th May 2022

During a short tour of the factory, you will witness how NOCH products are made.

You can purchase NOCH products, remaining stock and discontinued items at a flea market and at NOCH Modellbauwelt.

You ll have the opportunity to get to know many NOCH products and try them out for yourself at workshops and crafting demonstrations. Food and drink will of course also be provided.

Everything to Get Started
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Landscape and Track Construction
Pages 28 – 47

Bridges and Viaducts
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Portals, Walls and Arcades
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Rocks and Rock Walls
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Roads, Paths and Squares
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Rivers, Lakes and Water Bodies
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Fields and Meadows
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Winter
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Paints and Glues
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Trees and Bushes
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It's so easy to find your way around the NOCH Catalogue:

Gauge symbols

Each item is accompanied by a gauge symbol.
As an H0 railway modeller, you'll recognise which items are of interest to you by the H0 *symbol. An item without a gauge symbol can be used for all gauges. The information on gauges at the bottom of the page gives you a quick overview of which gauges you'll find on the respective double page.*

- G — G gauge, 1:22.5 scale
- H0 — H0 gauge, 1:87 scale
- Z — Z gauge, 1:220 scale
- 1 — 1 gauge, 1:32 scale
- TT — TT gauge, 1:120 scale
- 0 — 0 gauge, 1:43 scale
- N — N gauge, 1:160 scale

Symbols

Seven different symbols inform you quickly e.g. about crafting tips or products that can be combined with each other.

- Craft tips, notes or information
- Hand-painted
- Laser-Cut product
- 3D printed product
- Laser-Cut Bridge Systems
- micro-motion moving model
- micro-sound

Is Every Beginning Difficult?

No, it doesn t have to be, because the information and offerings in this chapter guarantee lots of crafting fun and exciting results for beginners and advanced modellers.

G 1 0 HO TT N Z

Everything to Get Started

Guidebooks – from page 6
- *A Family Hobby Model Railway*
- *St Sebastian*

Seminars – from page 10
- *Tips and tricks straight from a pro*

YouTube – from page 12
- *Discover videos on many topics*

Products for Getting Started in Your Hobby – from page 14
- *THE basic equipment for the professional model landscaper*
- *Model Landscaping Set*
- *Starter Sets*
- *Perfect Sets*
- *Diorama Kits*



Enjoy Modelling with the Whole Family!

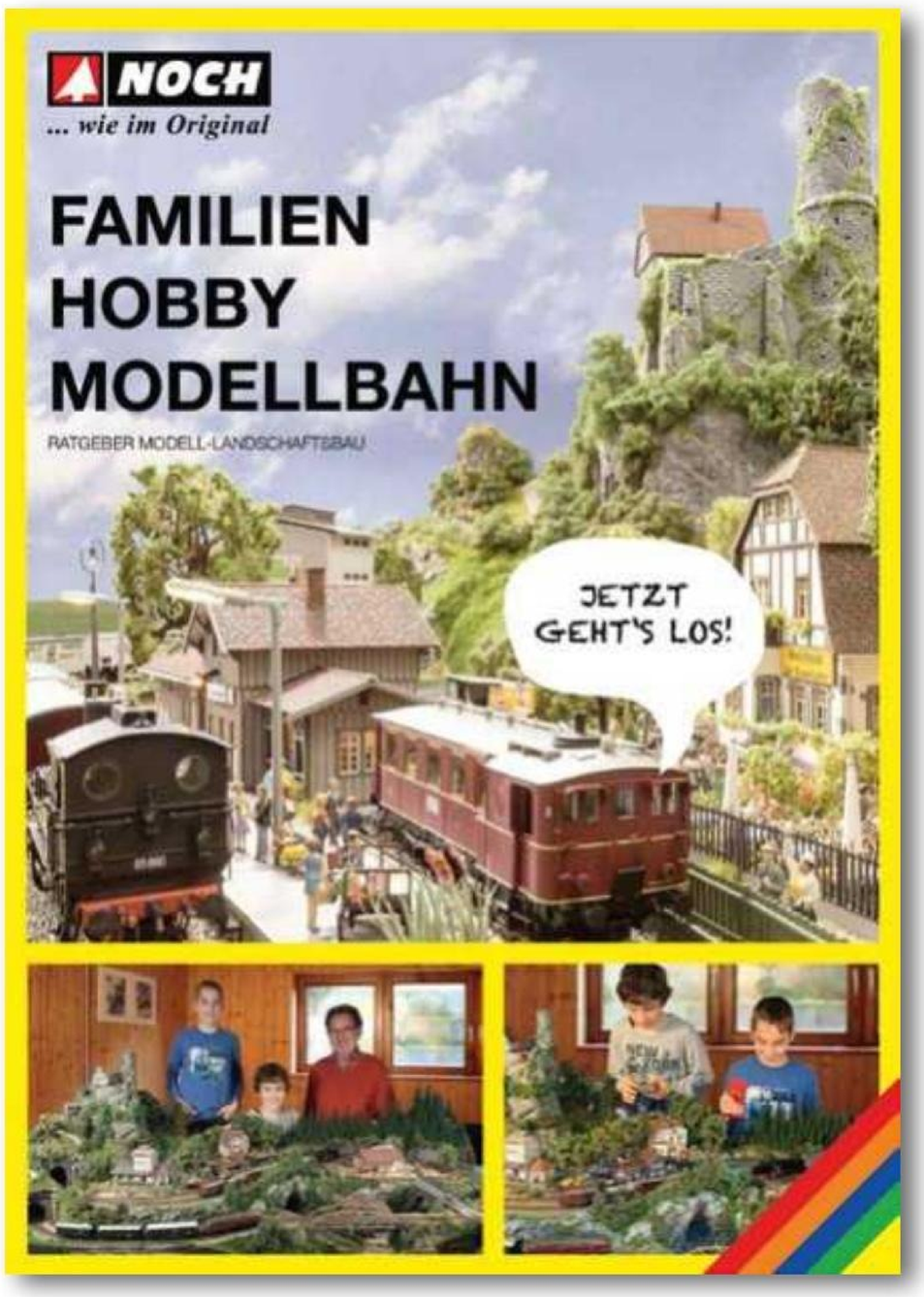
Guidebook »A Family Hobby – Model Railway«

Building a beautiful model railway layout as a family: is that not a great way to pass the time? Even in the era of computer games, modelling is a hobby where children and young people can have a lot of fun and celebrate their success with their friends, parents or grandparents. The joint planning of a model landscape, the selection and purchasing of the »ingredients« for your own little world and building it as a team are experiences that connect generations. The hobby is varied and creative, supports fine motor skills and imagination. At the same time, patience, planning and organisational skills are required. All of this makes the model landscaping hobby an activity with pedagogical value.

The well-known railway modeller and author Karl Gebele built an attractive layout in the size of 190 cm x 100 cm with his grandsons Nico and Denis. In this Guidebook of 120 pages, the three of them show, step by step, how this wonderful family project emerged. In particular, it s also about the question of where in the process of building a layout the children can get involved and which tasks are better taken on by adults. Every stage of the work is captured through a series of pictures. At the back of the Guidebook are track plans in H0, TT and N for replicating the layout and a parts list.



Learn how to build a beautiful landscape step by step.
Discover at which point children can contribute particularly well to the construction of the model layout and which tasks are better taken on by adults.



71904 ***»Familien-Hobby Modellbahn« Guidebook***
German, *120 pages*

71905 ***»A Family Hobby – Model Railway« Guidebook***
English, *120 pages (without illustration)*

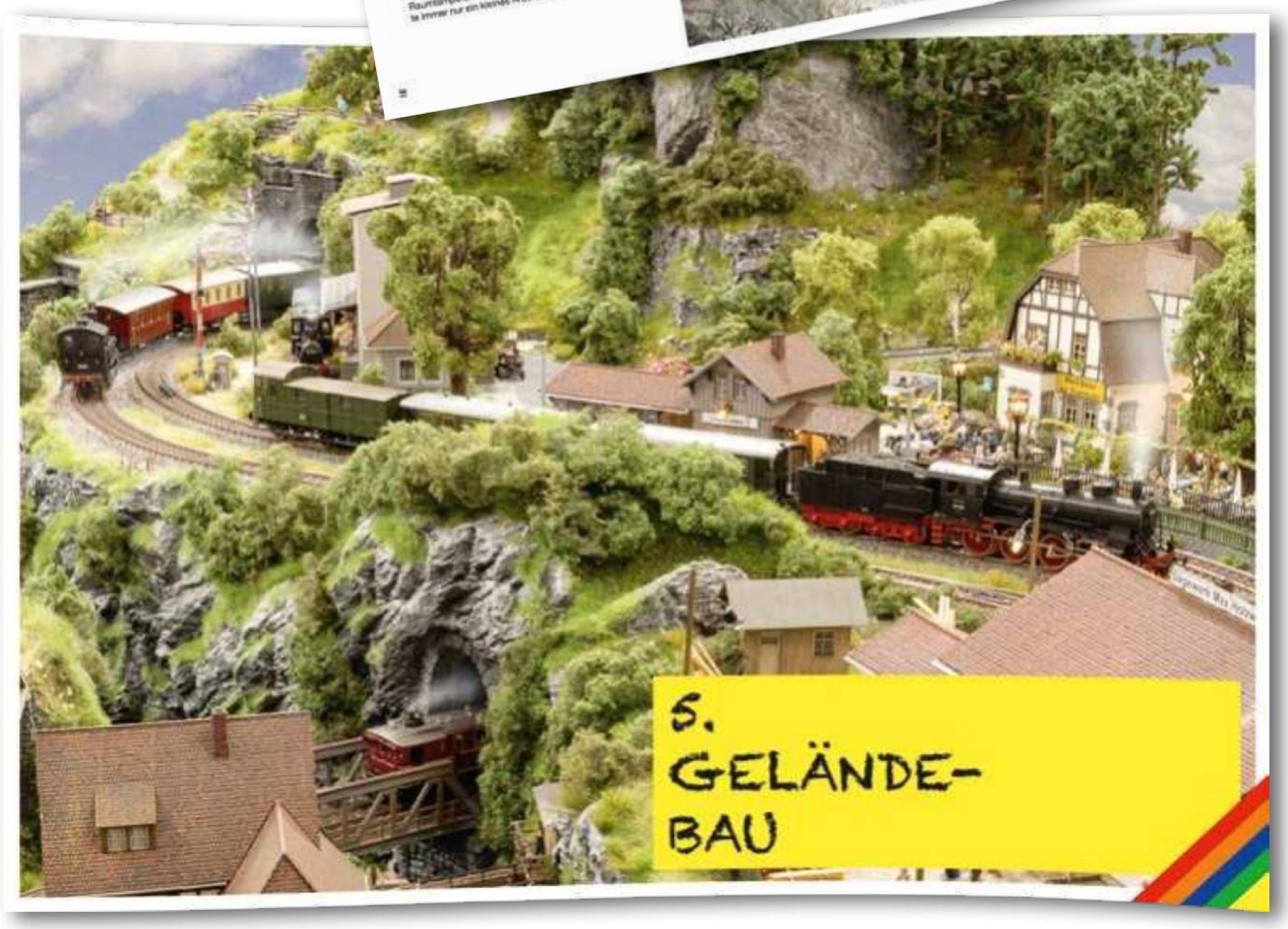
G 1 0 H0 TT N Z



Contents of the Guidebook
»A Family Hobby – Model Railway«

- *Layout Planning*
- *Frame Construction*
- *Railway Lines and Track Construction*
- *Tunnels and Landscape Construction*
- *Terrain Construction*
- *Rock Structuring*
- *Grass Application*
- *Designing Waters*
- *Designing Paths*
- *Trees and Bushes*
- *Designing Details*





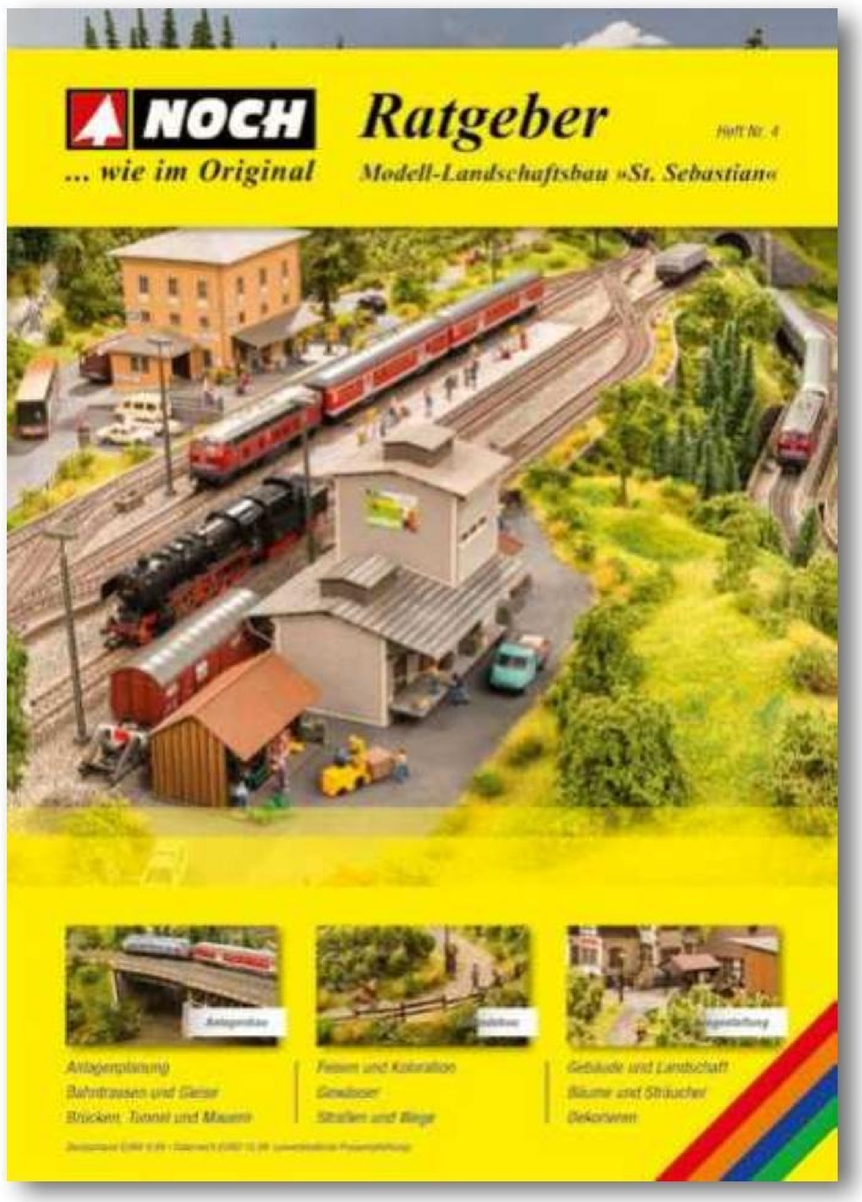
Colours, combinations and forms are subject to change without prior notice.



How to Create Your Own Little World!

Discover all the tips and tricks in the »St Sebastian« Guidebook

The »St Sebastian« Model Landscaping Guidebook from NOCH offers you important tips and tricks for building and designing your own model landscape with NOCH products.
Karl-Heinz Echteler, the professional NOCH modeller, explains how to create a beautiful model railway layout in step-by-step detail and in an easy-to-understand way in 120 pages. From the construction of a frame over the landscape substructure with TERRA-FORM to the application of special modelling and rock compound, the foundation of a landscape is created, which can then be designed. How to use the NOCH Gras-Master 2.0 is dealt with in detail, as well as how to design forests, waters, rocks and much more. Tips and tricks for adding decoration to the landscape are not skimmed over, either. Alongside detailed instructive texts and numerous pictures, the »St Sebastian« Model Landscaping Guidebook includes QR codes linked to videos of crafting demonstrations that can be viewed on your smartphone or tablet.
So that you can recreate the 250 cm x 120 cm large »St Sebastian« layout as easily as possible, you ll also find track plans for Märklin® C track (AC) and TRIX C track (DC) in the booklet. Each chapter contains a shopping list of the required products.



71910 ***Ratgeber Modell-Landschaftsbau »St. Sebastian«***
German Guidebook, *120 pages*

71911 ***Guidebook Model Landscaping »St Sebastian«***
English, *120 pages (without illustration)*

71917 ***Guide du modélisme »Saint Sébastien«***
French Guidebook, *120 pages (without illustration)*



Learn about designing beautiful landscapes.



Find out everything about Laser-Cut kits and designing small scenes.

G 1 0 HO TT N Z

Einkaufsliste für dieses Kapitel

Aus dem NOCH Sortiment

- ☐ 1 x Wasser-Strukturpaste »Land & Natur« (Art.-Nr. 60832,5)
- ☐ 1 x Wasser-Effekte (Art.-Nr. 60831)
- ☐ 1 x Water-Drops® »transparent« (Art.-Nr. 60856)
- ☐ 1 x Water-Drops® »color« (Art.-Nr. 60858)



Modellbahnen der Wassergestaltung

In diesem Video erfahren Sie, wie Sie mit NOCH Water Drops® realistische Modell-Gewässer gestalten. Gezeigt werden die Water Drops® »transparent«, Water Drops® »color« und die Water Drops® »wet«.

Gewässergestaltung



Zur besseren Übersicht:
Im Kapitel »Gewässergestaltung« wird der weiteren

Folgeder Modell-Landschaftsbau »St. Sebastian«

Dekorieren und Ausgestalten















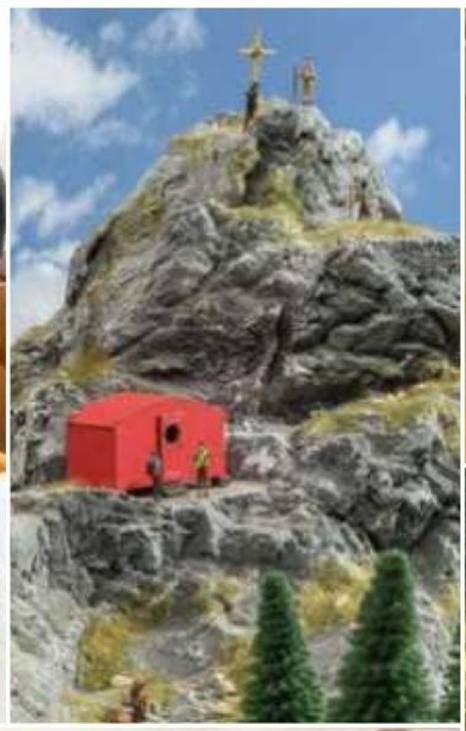


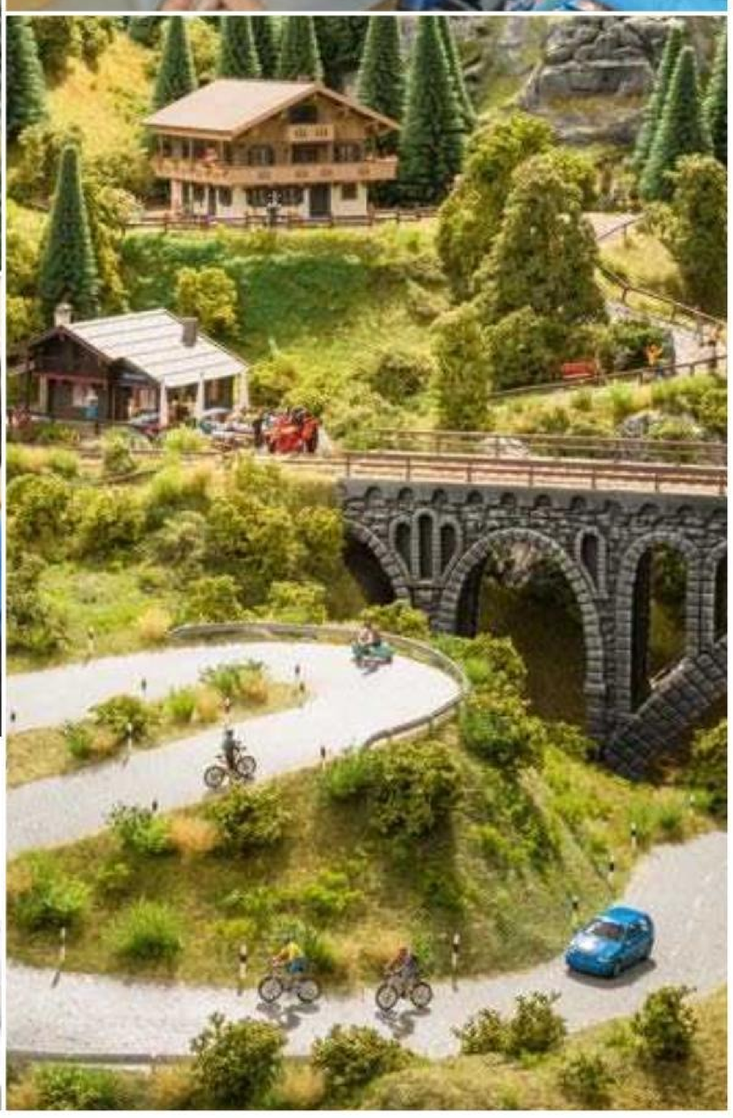
Auf dieser Art aus mit etwas kleineren Tannen, wird die dominante Fahrwand hinter der Brücke ausgestaltet und aufgelockert. Auch hier unterstützen sich die verschiedenen Gewächse und können verblüffend echt (Bild 26 bis 29). Eine mächtige Linde und große Nadelbäume kaschieren die Stellhänge und schaffen gleichzeitig für das Auge des Betrachters Weite, da nur das Ende der Modell-Landschaft verdecken (Bild 25 bis 32).

So entsteht Stück für Stück eine üppige Vegetation. Wiesen, die mit Buschwerk und langen Grasern durchwachsen sind, Wälder als Kulissen sowie Laub- und Nadelbäume, die durch ihre Größe und Detailierung echte Hingucker sind.
Es ist die Vielzahl von unterschiedlichen Materialien, die die Modell-Landschaft wie im Original erscheinen lassen (Bild 33).

Folgeder Modell-Landschaftsbau »St. Sebastian«

Bäume und Sträucher









Model Landscaping Seminars at NOCH

Tips and Tricks Straight from a Pro

We cordially invite you to one or more of our NOCH seminars in beautiful Wangen im Allgäu. There is something for everyone in our diverse landscaping topics. You will learn great tricks firsthand and can discuss your experiences and ask questions of our seminar leaders Sandra Carlucci or Nils Carstensen.
All seminars begin with a short tour of the factory, which gives you a look behind the scenes and shows you how, for example, Preformed Layouts, Walls and Portals are made. Under professional guidance, you will create a diorama and learn skills in model landscaping that will enable you to build your dream model railway at home.
In what follows, we would like to present a closer look at the topics of the individual NOCH seminars, which vary in content.

Parent & Child Seminar

Learn about the nicest family hobby in the world with your child or grandchild!
You will be surprised how easy it is for you and your child to build and design a landscape! In this NOCH seminar, a landscape that is typically found in the countryside will be created. A small stream, green meadows and a country lane.
The topics range from handling the Gras-Master 3.0 to processing Water-Drops. Grass Tufts and homemade trees and shrubs start off the design of the beautiful landscape, which is rounded off with many accessories.
Seminar leader: *Sandra Carlucci*



Please note: *our NOCH seminar offerings are continually being developed. Please inform yourself about our current offerings online at* ***www.noch.com.*** *There, you ll also find the exact costs, dates, and the option to register for a NOCH seminar.*



PRO Seminar »Allotment & Duck Pond«

In the seminar »Allotment & Duck Pond«, we deal with designing a scene. You will learn how to use accessories like plants, figures, fences and buildings perfectly. Find out how different materials and sizes complement each other and create an extremely realistic effect on the eye. Tell the observer a story in a place where they can get their bearings.
Seminar leader: *Sandra Carlucci*



PRO Seminar »Rocks & Water«

Replicating nature as realistically as possible is the aim of every modeller, whether for model railways or other purposes in building dioramas. Highlights are rocks, water and lush vegetation. Regardless of whether you re a beginner or an experienced modeller, NOCH offers the right products for everyone to achieve an above-average result.
The focus of this NOCH seminar is modelling the landscape with new products like landscape modelling foil and techniques for creating rocks and their colouring. Rock pieces, which are glazed with natural paints, are cast and installed. You ll be surprised by the result. For the water design, Water-Drops are processed so that work can continue swiftly. This creates a slice of almost untouched nature without any noise. Here, flora and fauna are in unison and free from any disruptive influences.
Seminar leader: *Sandra Carlucci*



PRO Seminar »By the Old Track«

The focus of this new NOCH seminar is designing an overgrown plot of land. This includes colouring the plot of land with the NOCH Nature Paints Set, Terrain Structure Paste and various Acrylic Paints. The NOCH Gras-Master and Grass Fibres in various colours and lengths are used for adding grass. Under the guidance of our seminar leader, you ll build a laser-cut building in a neglected state, place various objects (such as a tractor) and age the track on the plot of land with Rust Paint and Weathering Powder pigments. As a perfect addition to the overgrown plot of land, you can use 2K Water Gel to create a small water pit with algae growth. Selected Figures, Laser-Cut Plants and Trees are employed as decoration. This is how to make your diorama a masterpiece!
Seminar leader: *Nils Carstensen*



Home Academy »Holiday in the Mountains«

The first online seminar by NOCH. *Ideally suited for anyone who cannot make the long journey to us or who cannot take part in a seminar at our premises for other reasons.*
In our online seminar, we will show you the construction of a model mountain landscape from scratch. With everything that goes with it: landscaping substructure, rock design, water structuring, adding grass electrostatically with the Gras-Master 3.0, as well as decorating with Grass Tufts, Flock, Figures, etc. Constructing a laser-cut building is also part of the webinar.
You can watch the webinar for free in English at
www.noch.com/home-academy/holidays-in-the-mountains.
The online seminar offers an array of special advantages: it s available 24 hours a day, you can start and pause at the best time for you, and individual sequences can be viewed again and repeated. All necessary items and tools will be made available in a list. Please also note that the Model Landscaping Set on page 15 of the catalogue provides the ideal basic equipment for participation
Seminar leader: *Sebastian Topp*



We ve been making crafting tips, application and processing instructions available to you as videos on YouTube since 2010. Furthermore, we give you a glimpse into our company.
We re delighted that these videos are being used more and more every year to serve as inspiration for crafting with NOCH products.

The NOCH YouTube channel can be found at the following link:
www.noch.de/youtube

Do you want to be kept up to date with model landscaping videos in the future? No problem! All you have to do is click on the »Subscribe« button. This free YouTube service will inform you as soon as we upload a new video.

Let yourself be inspired by our variety of videos! You are sure to find the answer to questions that you as a modeller and hobbyist have always been concerned with in one video or another. A picture is worth a thousand words. A video is worth even more!

YouTube

www.noch.de/youtube

G 1 0 HO TT N Z

Discover Videos on These Topics and Many More:



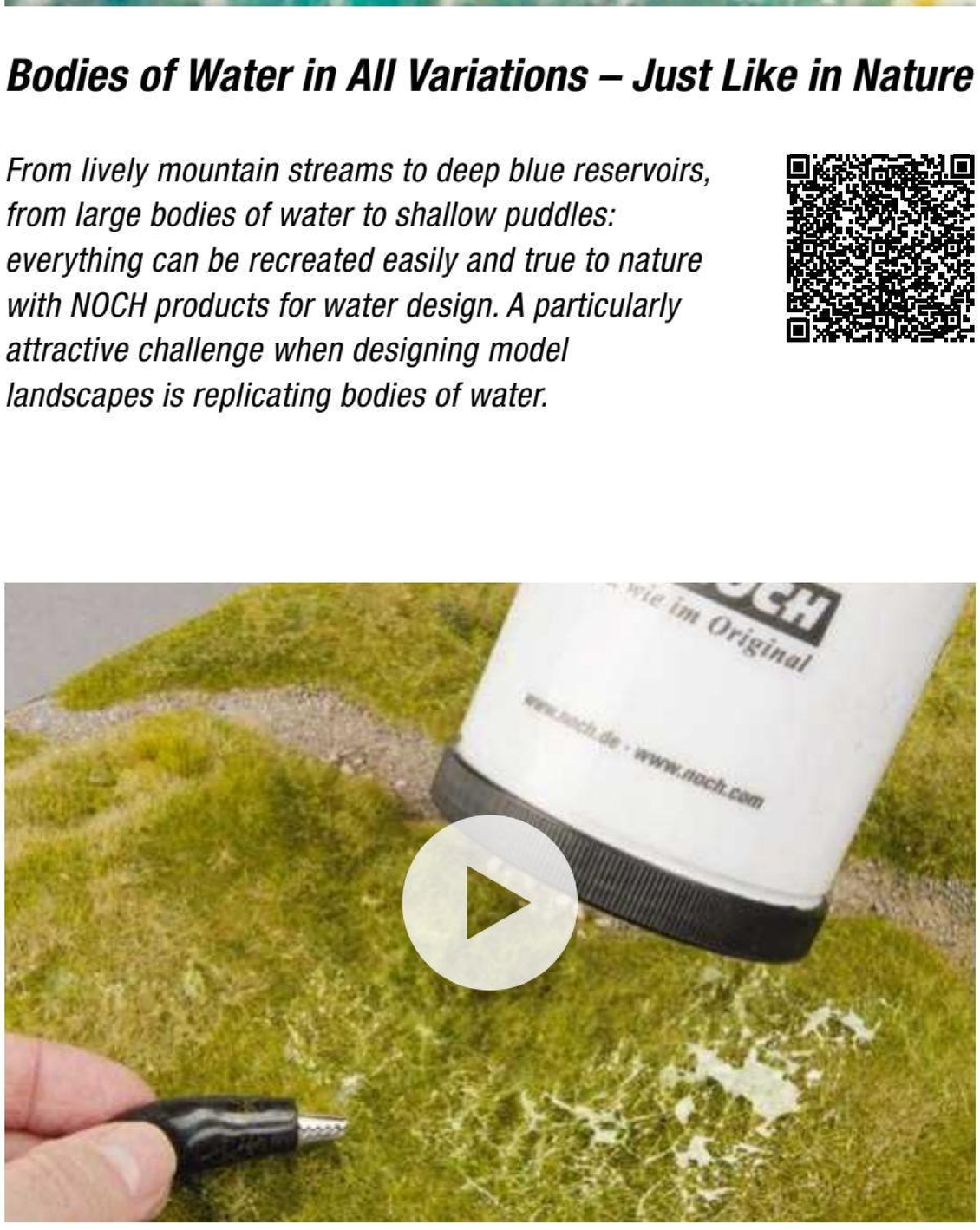
Bodies of Water in All Variations – Just Like in Nature

From lively mountain streams to deep blue reservoirs, from large bodies of water to shallow puddles: everything can be recreated easily and true to nature with NOCH products for water design. A particularly attractive challenge when designing model landscapes is replicating bodies of water.



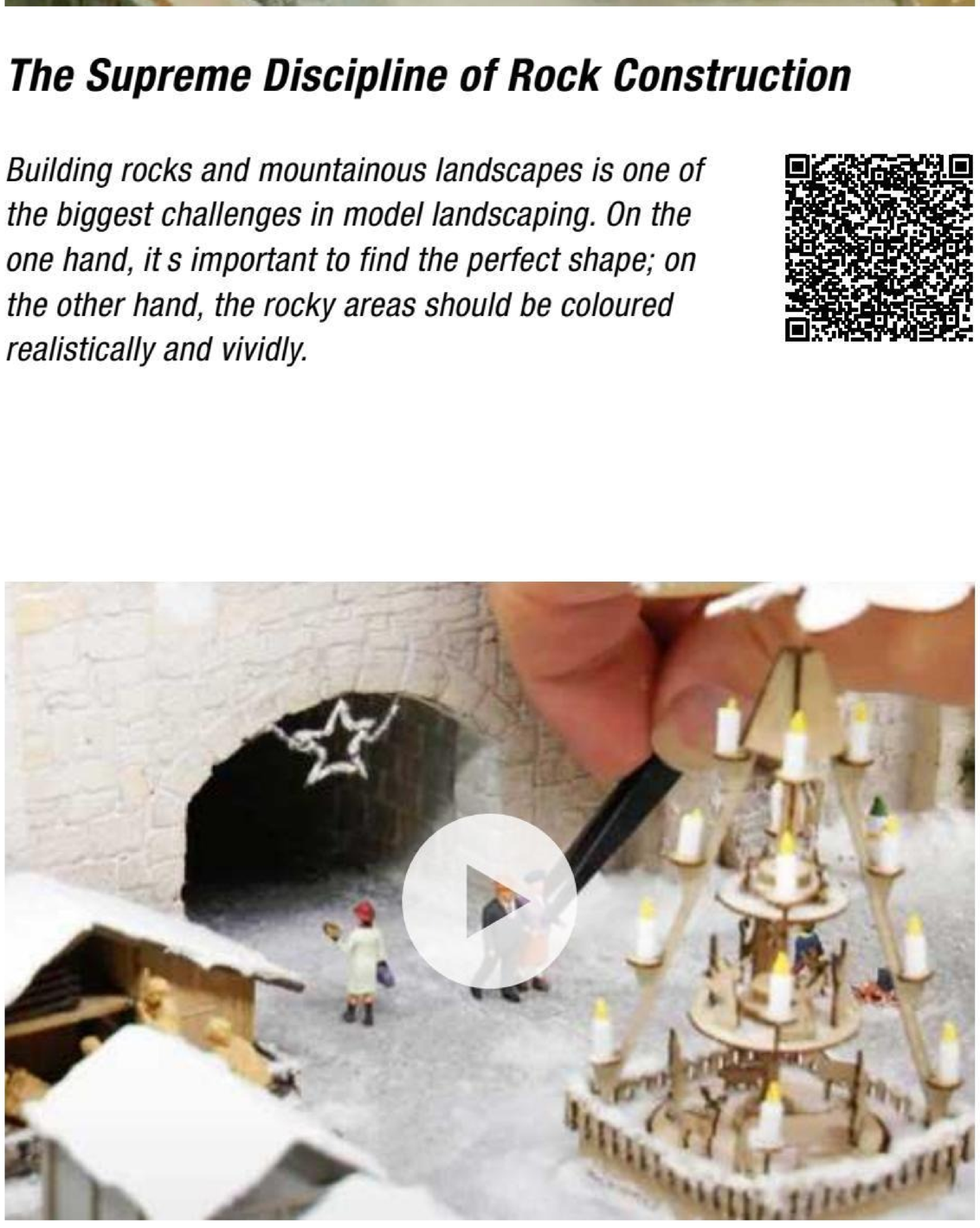
The Supreme Discipline of Rock Construction

Building rocks and mountainous landscapes is one of the biggest challenges in model landscaping. On the one hand, it s important to find the perfect shape; on the other hand, the rocky areas should be coloured realistically and vividly.



It Doesn't Get Any Greener

Our grasses, flowers and plants fascinate through their love for detail!
Anyone who appreciates landscapes with lifelike greenery has come to the right place! The Gras-Master 3.0 and Gras-Master 3.0 PROFI in action!



Green Christmas? Not with Us!

When the first snowflakes dance through the air towards the end of the year, it s not just children s eyes that light up. Winters must be white it simply goes with living in our part of the world. Many modelling fans also don t want to do without Ice Crystals and Snowflakes on their layouts and devote themselves to lovingly designing a winter landscape on long evenings.

THE Basic Equipment for the Professional Model Landscaper!

Landscaping Basic Equipment Package

With the NOCH Landscaping Basic Equipment Package, you have everything you need to begin professionally building a landscape.Regardless of whether you want to equip a model railway with a landscape or are looking to get started with high-quality diorama construction, the enclosed materials are ideal for all gauges and scales.
With the NOCH TERRA-FORM System, you can create stable scaffolding in the blink of an eye. Great rock formations arise through the use of the Rock Former, PROFI Casting Compound and Nature Paints Set.
With the enclosed paints, Water-Drops® color and Aqua Effects, you also have high-quality materials at your disposal for realistic water design.
You can decorate your model landscape according to your individual requirements with Stones, Grass Fibres, Flock, Foliage, Grass Tufts and a pack of Trees.
The most important glues are also included so that you can get started right away. Please refer to the table for the exact, very extensive contents of the set.
The enclosed materials are the ideal basic equipment for every modelling workshop.

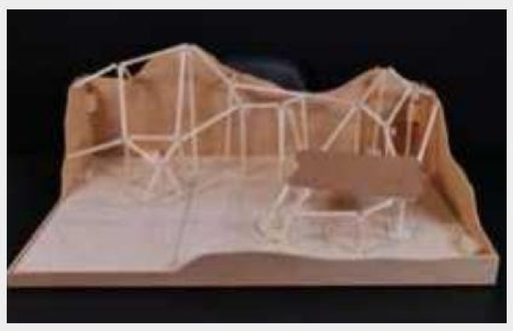
In connection with the NOCH Easy-Track Railway Route Kit, the set gives you the perfect, simple start in building a model railway layout. In addition, the package represents savings of more than 10% compared to purchasing the items separately.
We recommend the package as initial equipment for ambitious beginners. Most of the enclosed products have been taken from the high-quality, realistic NOCH PROFI segment, developed by professional modellers, and compiled for you. Using these individual products is very easy and pays off with a perfect result. Each item comes with instructions for how to use it and its applications.
Please also watch out for the NOCH Home Academy with the online seminar »Holiday in the Mountains«. All products included in the basic package are shown, explained, and worked with in detail in the webinar.
Note: *no figures, buildings or accessories are included in the pack.*



Savings of more than 10 %
Compared to the Individual Purchase

The NOCH Home Academy:
Webinar »Holiday in the Mountains«

At the NOCH Home Academy, you will learn how to professionally design a mountain landscape from seminar leader and NOCH Managing Director Sebastian Topp. The core topics of the webinar are rock construction, water design, adding grass electrostatically, laser-cut modelling and realistically decorating a landscape. You will get to know all the products in the basic equipment package, learn how to use them correctly and benefit from lots of tips and tricks. You can attend the webinar free of charge around the clock on the NOCH website at www.noch.com/home-academy/holidays-in-the-mountains.
We hope you enjoy watching and joining in!








Contents of the Model Landscaping Set	
Ref.	**Description**
07006	Grass Tufts XL, muted colours, 104 pieces, 9 mm
07012	Grass Tufts »Wild Flowers« 52 pieces, 6 mm and 52 pieces, 9 mm
07072	Master Grass Blend »Summer Meadow«, 2.5 mm to 6 mm, 50 g
07100	Wild Grass »Meadow«, 6 mm, 50 g
07270	Foliage, light green, 20 cm x 23 cm
07301	Leafy Foliage, dark green, 20 cm x 23 cm
07351	Structured Flock, bright green, coarse, 10 g
07352	Structured Flock, medium green, coarse, 10 g
08099	PROFI Shaker, empty
08100	Puffer Bottle
08312	Scatter Grass »Meadow«, 2,5 mm, 20 g
08322	Scatter Grass, medium green, 2,5 mm, 20 g
08362	Scatter Grass, beige, 4 mm, 20 g
09228	PROFI-Rocks »Rubble«, fine, 80 g
09230	PROFI-Rocks »Rubble«, medium, 80 g
09237	Gravel, 250 g
23102	Embankment Vegetation
60823	Terrain Structure Paste »Field & Nature« 100 g sand (beige), 100 g loam (ochre) 100 g soil (brown)

Ref.	**Description**
24643	Fir trees, 16 pieces, 4 cm 10 cm
60840	Landscape Crepe Paper, 90 cm x 80 cm
60856	Water Drops® »color«, 250 g transparent granules for approx. 300 ml and each 25 g of blue, green and brown
60872	Aqua Effects 125 ml
60875	Riverbed Colour Set, 100 ml neutral acrylic paint and each 10 ml concentrate blue, green and brown
60918	PROFI Casting Compound 1,000 g, for approx. 800 ml
60920	Modelling Compound, 500g
61130	Grass Glue, 250 g
61133	Scenery Glue, 127 g
61140	Landscaping Spray Bottle, empty
61141	Landscaping Spray Glue, 250 g, ready-for-use mix
61191	Acrylic Color, matt, Ivory, 90 ml
61194	Acrylic Color, matt, light green, 90 ml
61200	Nature Paints Set, 6 colour concentrates, each 20 ml 1 mixing cup, 1 sponge spatula
61233	Rock Former »Widderstein«, 1 large rock, 2 small rocks
61630	TERRA-FORM Connector Pieces, 72 parts in total
61650	TERRA-FORM Wooden Support Poles, each 40 cm long, 35 pieces
61670	TERRA FORM Prop Plates, 16 parts in total

YouTube
Video clip

60780 Landscaping Basic Equipment Package



The Best Possible Start in Model Landscaping!

Model Landscaping Set

Which items are needed when one dares to build one's own model landscape? And how does one best go about achieving a satisfactory result?

With the NOCH Model Landscaping Set, we make it very easy for you to get started. In the pack, you will find everything that building your individual model landscape may require.
For the base the substructure the proven and uncomplicated NOCH TERRA-FORM system and sturdy Landscape Crepe Paper are included. Through the use of special Rock Compound, Grass Glue, Grass Fibres and a Puffer Bottle, Boulders, Lake Film and a Carton Wall, the successful building of a realistic landscape is guaranteed. The additional two tunnel portals and bridge included in the set finish off the design.
To develop your model landscape, the hobby kit even offers you a country road, lichen and ten model trees.
And so that everything really turns out well, the individual steps for assembly are outlined for you in detail in the illustrated instructions. Further suggestions, tips and tricks concerning perfect model landscaping can be found on the NOCH DVD guide, which is included in the pack.
The landscape pictured above was built entirely from the materials in the Model Landscaping Set and brought to life by some extra NOCH accessories. The base plate is not included in the set.
We wish you a successful and, of course, fun build!

Info Tip:
Various routes lead to the goal

1. Landscape Substructure
The substructure is the framework that later holds up the landscape. For creating smaller landscape parts, we recommend the self-supporting NOCH Landscape-Modelling Foil (page 38) or Landscaping Aluminium Mesh (page 39). The TERRA-FORM system is ideal for larger projects (from page 36).

2. Landscape Construction
In the second step, the finished landscape substructure is covered preferably with the NOCH Landscape Crepe Paper, which is on the one hand very sturdy, and on the other hand, slightly stretchy. Alternatively, Modelling Plaster Cloth is also available. If you worked with NOCH Landscape-Modelling Foil in the first step, you do not need any other material you can design your landscape directly on the Landscape-Modelling Foil.

3. Landscape Structure
In the third step, your layout becomes a model landscape. The extensive NOCH range offers many products for this purpose. You can create brooks and lakes with the NOCH Water Structuring items and the Lake Film. The NOCH Rock Compound with its rocky-grained texture is particularly well-suited for the creation of rocky areas. NOCH Landscaping Paints are ideal for priming the ground before flocking or for colouring rocks.





The beginning: railway lines and tracks are created and laid.



The landscape becomes plastic with NOCH TERRA-FORM and Landscape Crepe Paper.

Contents of the Model Landscaping Set	
TERRA-FORM material (wooden poles and connectors)	*Page 37*
Landscape Crepe Paper, appr. 1 m² in total	*Page 39*
Rock Compound, granite, 400 g	*Page 40*
Girder bridge	*Page 61*
Carton Wall, basalt, 64 x 15 cm	*Page 71*
Lake Film, 41 x 26 cm	*Page 107*
Puffer Bottle	*Page 127*
Grass Glue, 250 g	*Page 135*
Scatter Grass, spring meadow, 100 g	*Page 126*
Country Road, grey, 1 metre	*Page 96*
Mixed Forest, 10 trees	*Page 199*
Sandstone Boulders, 250 g	*Page 43*
Tunnel Portal single track (2 pieces)	*Page 71*
Lichen, 35 g	*Page 132*
Illustrated instructions DVD guide (gratis)	



Rock and water structuring makes the model landscape realistic.



True-to-life greenery is easy to design with NOCH products.



The landscape ultimately looks charming, decorated with details from the large NOCH range (not included in the pack).

HO ***60805 Model Landscaping Set***

Get Started Easily with NOCH!

The first step is the easiest. For this to be true, we have put together some practical sets for you. This allows you to get to know the most important materials and methods and that way, you can be sure that you haven't forgotten anything important while shopping. It's time to unpack our useful sets on the following pages and get stuck in! We hope you have lots of fun!



Basic Set »Modelling«

How do you make getting started with the wonderful hobby of »model landscaping« as easy and smooth as possible? With the Basic Set »Modelling«! The package includes everything from creating the ground to flocking and structuring realistic waters, to get you building your own model landscape.

***Note:** the Water-Drops® easy included in the set are processed while hot. Risk of burns. Please wear gloves.*

G | 1 | 0 | HO | TT | N | Z

60801 Basic Set »Modelling«
Contents: 250 g of ballast
100 g of Terrain Paste, grey
150 g of Water-Drops® easy
50 g of Grass Glue
Puffer Bottle
40 g of Scatter Grass »Summer Meadow«
(length of the grass fibres 2.5 mm)
42 g of Scatter Material, brown,
20 g of Lichen
40 Grass Tufts, mixed



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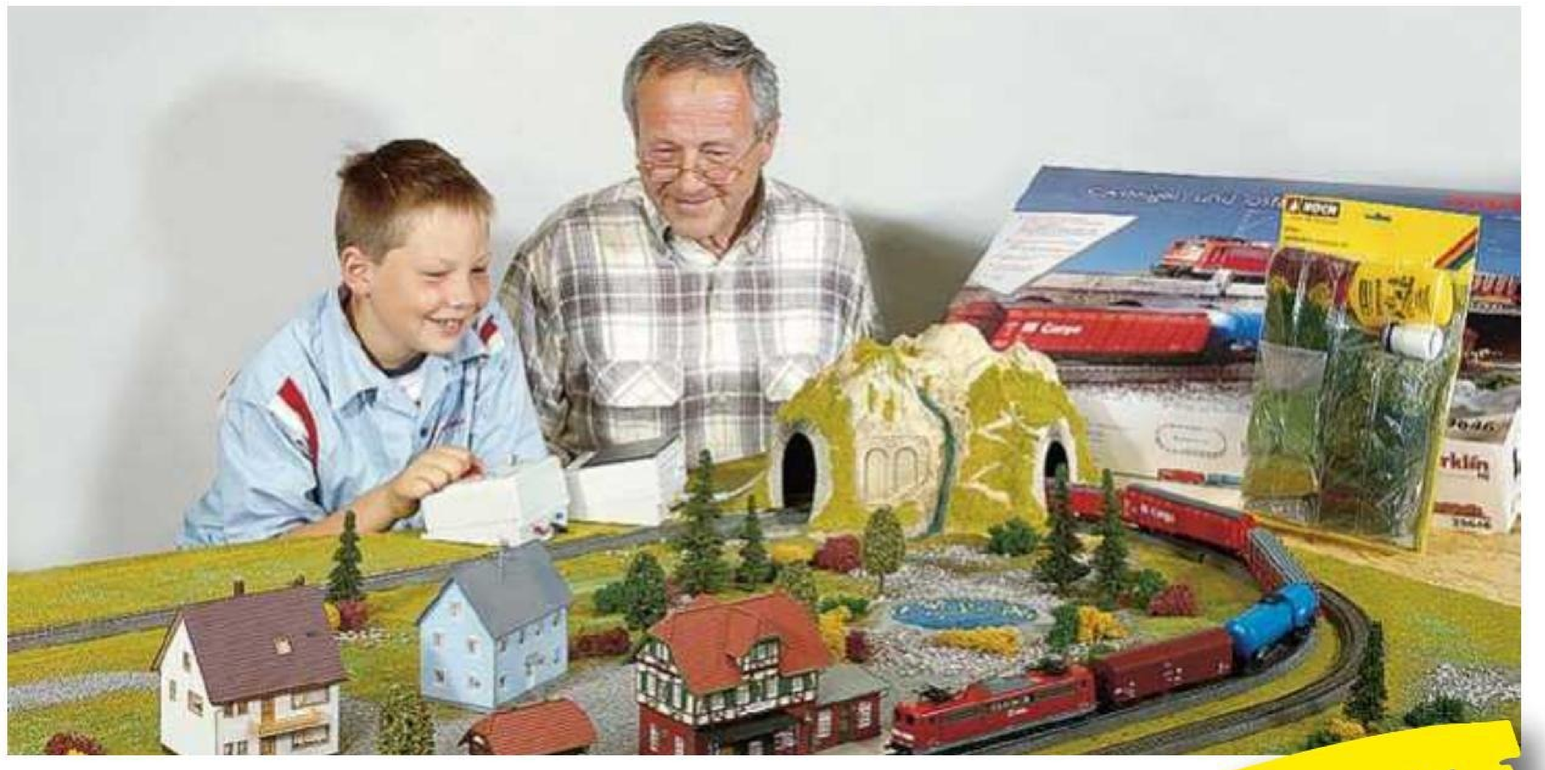


Scenery Starter Kit

The NOCH Scenery Starter Kit offers everything you need for the initial design phase:

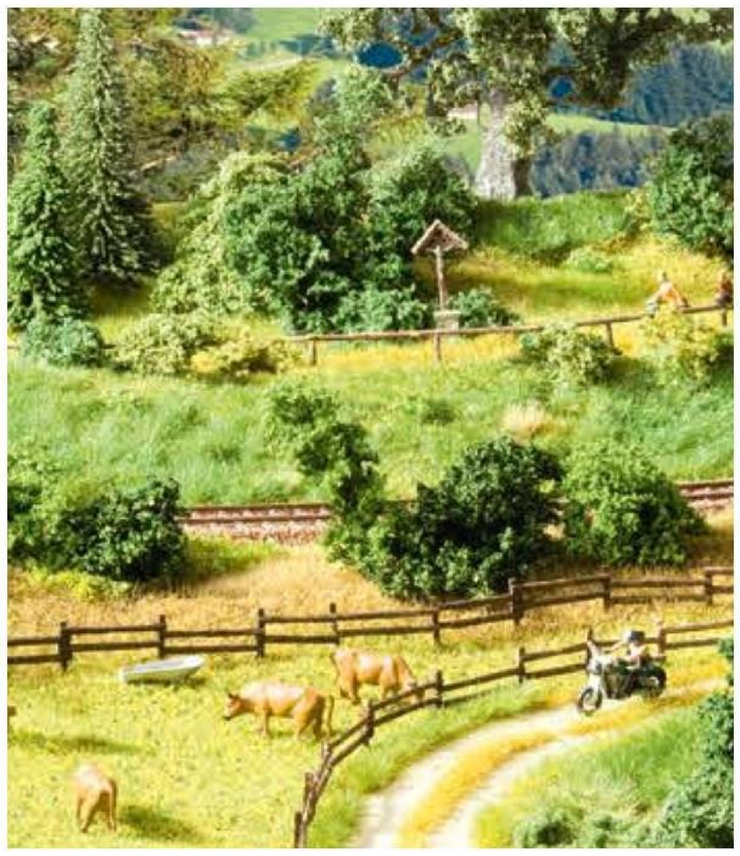
- *For creating rocks: NOCH Rock Compound*
- *For pastures and meadows: Scatter Grass with accompanying Puffer Bottle and Grass Glue to create high-quality grass areas*
- *For initial designs: a Mini Grass Mat, NOCH Scatter Material, Natural Stones as well as high-grade Lichen, 6 Model Fir Trees and 4 Deciduous Trees*

The Scenery Starter Kit is perfectly suited for H0, TT and N gauges.

Bestseller!



H0 TT N **60800** ***Scenery Starter Kit***





Video clip

Best value!

Start Set Vegetation

Electrostatic grass application gives your model landscape a certain something. With the Start Set Vegetation, this happens in a simple way, since the 2.5 mm-long Scatter Grass from NOCH can easily be applied with the Puffer Bottle.

Note: *to continue modelling, you'll find Grass Glue and Scatter Grasses in many different shades in the large NOCH range.*

H0 TT N Z **07069** ***Start Set Vegetation***

Puffer Bottle, 40 g of Scatter Grass »Summer Meadow« 2.5 mm long
50 g of Grass Glue





Mini Start Set Landscaping

The Mini Start Set Landscaping contains a selection of the most popular modelling items with which you can create smaller model landscapes, dioramas or nativity scenes. All products are available to purchase separately to enable you to carry on modelling later.

60803 ***Mini Start Set Landscaping***

Contents: Mini Grass Mat »Meadow«, 28 cm x 22 cm
Scatter Material, medium green and brown, each 10 g
Bag of Lichen, dark green, yellow and red,
approx. 12 g each
Cork Rock Piece

Build the Perfect Embankment!

Perfect Set »Right & Left Along the Tracks«

You are surely familiar with this situation: you want to tackle a new craft project to, for example, design a beautifully realistic railway embankment. But you have barely started when the crafting pleasure ends abruptly, because an important item is missing.
That can no longer happen to you with the new Perfect Sets from NOCH! With the new sets, you can rest assured that you have all the items you need to successfully complete your project. Another benefit of the NOCH Perfect Sets is that each one contains NOCH items in their original packaging, so it s very easy for you to buy the right item.

Designing the vegetation on both sides of the tracks is certainly one of the most challenging projects in model landscaping, for that is where vegetation is particularly abundant and correspondingly where many different products are used.
The Perfect Set »Right & Left Along the Tracks« includes these very products so that you find designing easy. The Perfect Set includes a detailed instruction video on DVD. So your project is guaranteed to succeed!

60811 ***Perfect Set »Right & Left Along the Tracks«***
Contents: Sea Foam for approx. 20 bushes
Foliage, light green, 20 cm x 23 cm (ref. 07270)
Meadow Foliage, medium green, 20 cm x 23 cm (ref. 07291)
Structured Flock, dark green, medium, 15 g (ref. 07343)
Structured Flock, bright green, fine, 20 g (ref. 07331)
Grass Tufts Mini Set XL »Meadow«, 42 pieces (ref. 07044)
Grass Tufts Mini Set »Field Plants«, 42 pieces (ref. 07034)





Sea Foam: *the demanding natural material for creating tall plants, small bushes, dead branches and dried vegetation.*



Foliage: *the super-realistic material for designing ground cover, small bushes and overgrown plants. Simply pull it apart and then stretch and shape it however you like.*



Structured Flock: *this high-quality flock material, specially developed for creating ground vegetation, is also ideal for flocking the sea foam.*



Grass Tufts: *these upright fibres are extremely versatile and bring volume, colour and dimensionality to vegetation design.*

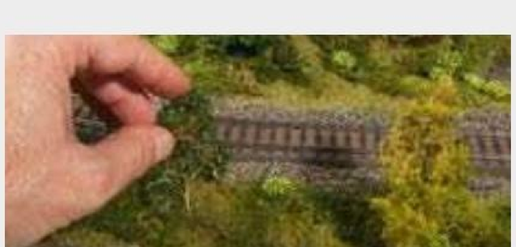
Craft Tip:
Perfect Set »Right & Left Along the Tracks«



Foliage can be used to create ground cover, weeds and shrubs on the embankment.



A second level of slightly higher shrubs is formed by glueing on Grass Tufts.

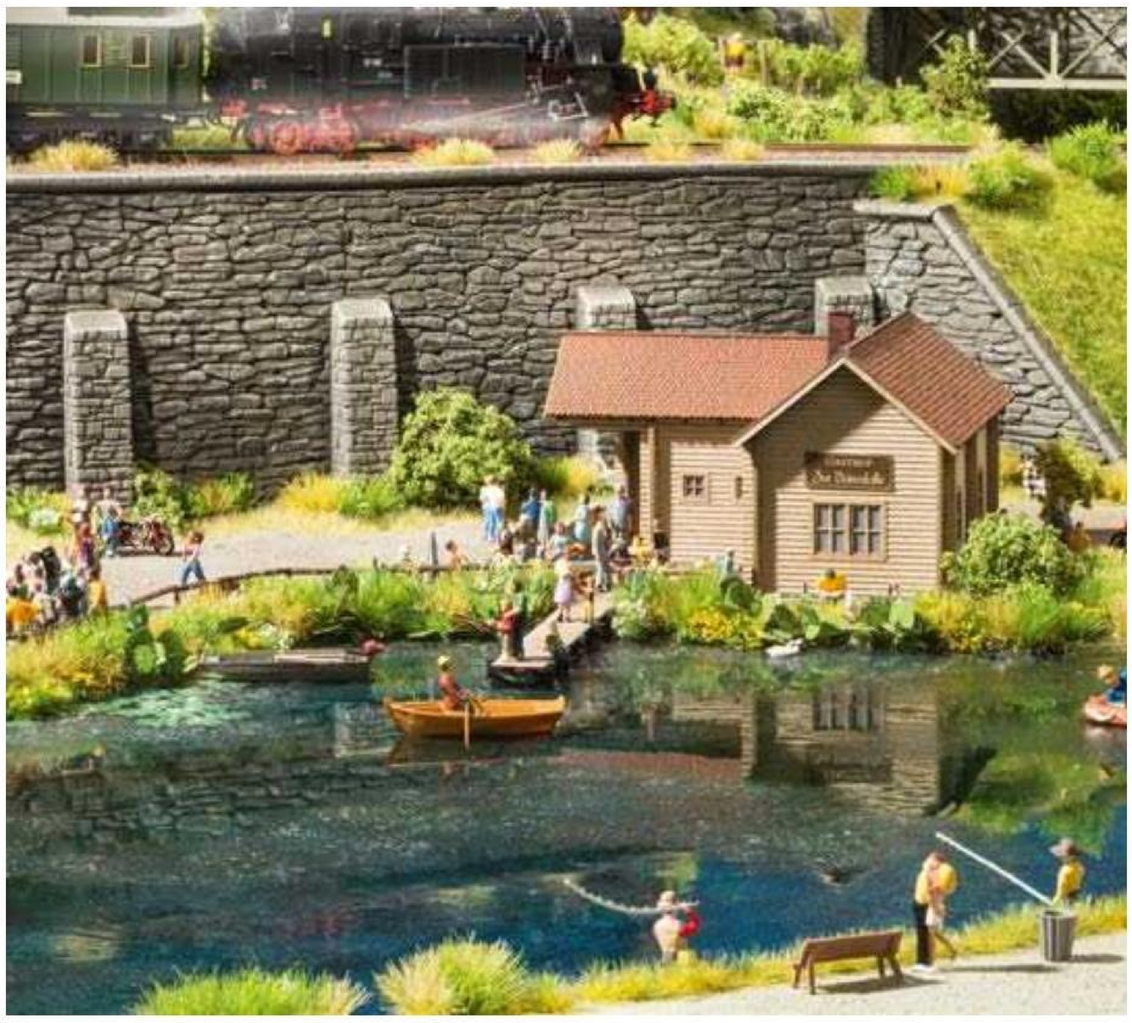


With Sea Foam, Grass Tufts and Structured Flock, bushes and small trees emerge.



The result: a perfectly designed railway track environment just like the original!

G 1 0 HO TT N Z



Make the Perfect Lake!

Perfect Set »Lake«

Everything you need to make a perfect lake is contained in this set. You pour out a prepared lake bed with the Water-Drops®, create the surface with Waves & Billows and decorate the bank with Grass Tufts. To make everything as easy as possible for you, the Perfect Set contains a free DVD with an instruction video.
You re guaranteed to succeed in building your model lake!

60813 ***Perfect Set »Lake«***
Contents: Water-Drops® »color«, 250 g
transparent granules and each 25 colour granules blue, green, brown (ref. 60856)
Waves & Billows, 150 ml (ref. 60861)
Grass Tufts Mini Set »Meadow«, 42 pieces (ref. 07037)



Including gratis DVD!



Water-Drops® »color«: *Water-Drops® are the all-rounder for water modelling. The transparent drops are melted in the oven. The water is then individually tinted with the coloured drops (blue, green and brown) and poured into the prepared lake bed.*
Warning: *Risk of burns! Water-Drops® get hot while processed! Wear gloves!*



Waves & Billows: *with the help of this paste-like compound, currents and waves are formed on the water surface. The mixture, transparent when dry, is also suitable for modelling larger waves and higher billows.*



Grass Tufts: *the very versatile Grass Tufts are ideal for decorating the lakeshore. So they can be placed on the shore as well as in the water.*

Craft Tip:
Perfect Set »Lake«



The Water-Drops® color are melted in the oven and poured into the prepared lake bed.



After the lake has cooled down, the Waves & Billows mixture is applied to the surface with a spatula and then modelled.



The Grass Tufts are ideal for decorating the area around the shore. Tweezers are helpful when »planting«.



The perfect lake is ready! Thanks to the NOCH Perfect Set, beginners and pros are able to create beautiful waters.

Make the Perfect Road!

Perfect Set »Road«

Building a realistic model road is often a big challenge. It is precisely the obvious solutions that often do not lead to the desired result. This applies in particular to designing curves and junctions with ready-made products (such as Road Crepe Paper or Road Sheets). In the Perfect Set »Road«, you ll find all the products you need to create your own roads with curves and junctions as desired.
The NOCH Road Construction System forms the basis. It contains the special Structured Road Construction Paint and Road Construction Paint Roller. Road markings are finally applied with the Starter Set Street Marking. The Perfect Set includes a detailed instruction video on DVD. So your project is guaranteed to succeed!



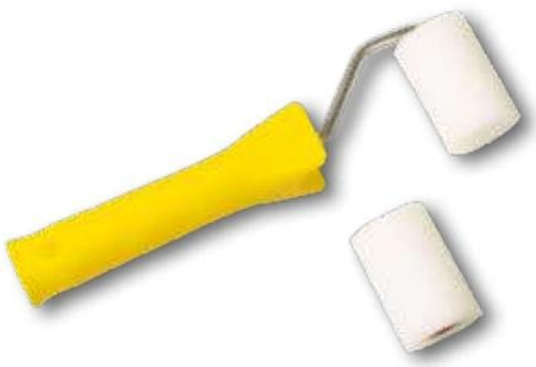
H0 TT N **60817** ***Perfect Set »Road«***

Contents: Structured Road Construction Paint
Asphalt grey, 250 ml (ref. 60825)
Road Construction Paint Roller 50 mm wide (ref. 60829)
Starter Set Street Marking, contains:
1 curved ruler, 1 street marking pencil
each 1 street marking template for
H0, TT and N scale (ref. 60740)

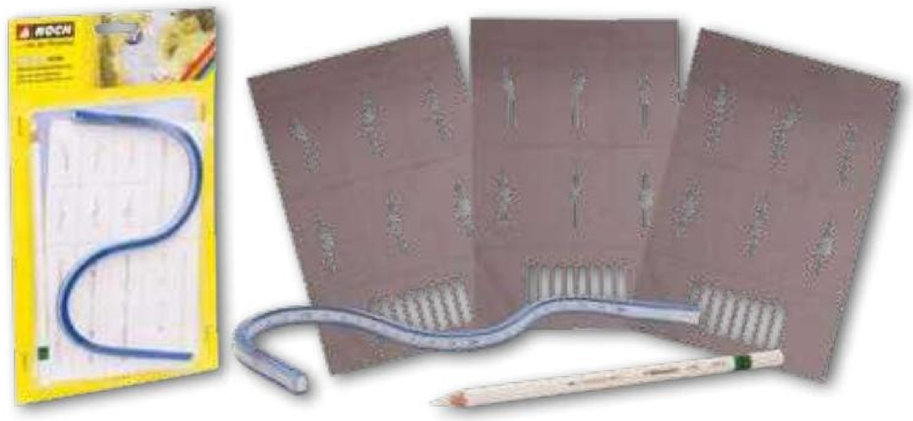


Including gratis DVD!





The NOCH Road Construction System, comprising ***Structured Road Construction Paint*** *and a* ***Road Construction Paint Roller****: the specially developed paint adopts the surface structure of the tool used to apply it. The paint roller thus produces very realistic-looking tar and asphalt model roads. With other tools, such as a spatula or paintbrush, you can achieve more exciting surface textures.*



Starter Set Street Marking: *thanks to the flexible Curved Ruler, lane markings along bends can also be applied without any problems. With the templates (supplied in the set for H0, TT and N gauges), directional arrows, zebra crossings and many other road markings can be perfectly applied. Finally, the set includes a special Street Marking Pencil.*

Craft Tip:
Perfect Set »Road«



First, the Structured Road Construction Paint is applied with the Road Construction Paint Roller. The paint adopts a realistic, rough texture.



Customised edge lines can be drawn with the Curved Ruler and the Street Marking Pencil.



As an alternative to the enclosed Street Marking Pencils, you can also apply white paint to a brush to paint on the templates.



As is so often the case, »the journey is its own reward«. In this case, the perfectly designed country road.

G 1 0 H0 TT N Z



Make the Perfect Winter Landscape!

Perfect Set »Winter Landscape«

Building winter landscapes is becoming increasingly popular. Nevertheless, there is often some reticence among hobbyists because »winter« is a new theme for many of them. But what initially looks complicated is easy when you have the right materials on hand. And these very materials can be found in the Perfect Set »Winter Landscape«. From designing the snowy landscape with white »snowflakes« to modelling snowy surfaces and snow mounds, to designing icy surfaces and icicles, you ll find all the items you need to build a perfect winter landscape in the set. The Perfect Set includes a detailed instruction video on DVD. So your project is guaranteed to succeed!

60815 ***Perfect Set »Winter Landscape«***
Contents: Start Set Snowflakes, contains: 50 g Snow Glue
25 g Snowflakes and Puffer Bottle (ref. 07065)
Snow Paste, 250 ml (ref. 08752)
Ice Crystals, 30 ml (ref. 08754)
Icicles, 30 ml (ref. 08756)



Including gratis DVD!



Start Set Snowflakes: *this set makes designing a wintery landscape a success. The Snowflakes are electrostatically flocked with the Puffer Bottle. The result: a shimmering, silky white, snowy surface.*



Snow Paste: *this multi-purpose material is an all-rounder in the designing of winter landscapes. From snow-coated rooftops and trees, to snow mounds and snowdrifts, to snowmen, almost any wintery landscape can be created with Snow Paste.*



Ice Crystals: *the Ice Crystals paste conjures up a beautiful, crystal-clear, glittering icy surface on almost every surface. The versatile paste is applied directly onto model water, model roads or the window panes of model houses and vehicles.*



Icicles: *the Icicles mixture is applied straight from the tube onto model roofs, bridges, projections, walls, etc. The mixture dries crystal clear after 2-3 hours.*

Craft Tip:
Perfect Set »Winter Landscape«



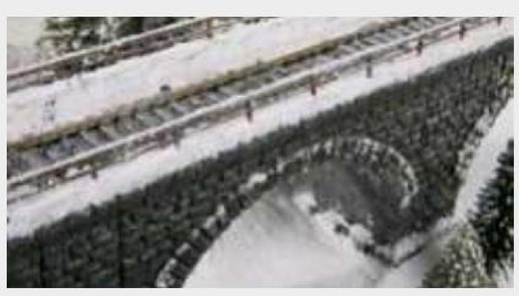
The Snow Paste contained in the Perfect Set is great for creating snow mounds and snowdrifts on the ground.



With the Snow Glue, the Puffer Bottle and the Snowflakes, a fluffy covering of snow can be created on it.



The Icicles can be applied to exposed sites (e.g. roofs, projections and bridges) straight from the tube.



A real winter wonderland! Designs turn out very convincing with the NOCH Perfect Set.

Slowing Down and Getting Creative – Diorama Kits

Design your dream landscape and bring a piece of nature into your home. With a Diorama Kit, you present your favourite figure in a unique setting and develop your manual skills along the way.



***10002** Diorama Kit »Summer Breeze«*



***10003** Diorama Kit »Winter Dream«*

G 1 0 H0 TT N Z



10012 ***Diorama Kit »Rocky Mountain«***

10013 ***Diorama Kit »Rocky Ice«***



Video clip





Scattering the scatter material



Sticking the groundcover on



Realising the water



Sticking the stones on





Decorating with grass tufts



Decorating with trees and bushes



Decorating with fences, a bench and figures

G 1 0 HO TT N Z

Slowing Down and Getting Creative – Diorama Kits

This fantastic craft kit contains everything you need to get started straightaway. You don t need anything other than a little time and leisure. You ll discover your creative abilities and be amazed by the results of your handiwork.
Everything is included in a Diorama Kit for you to make a start on your creative handicrafts straightaway. Each Diorama Kit contains a high-quality, hand-painted base made of the well-known NOCH Structured Hard Foam.

In addition, Trees, Bushes, Scatter Material, Stones, Groundcover, Grass Tufts and other crafting material for landscaping and decoration are included. No additional tools are needed because some small work tools and glue are included in the set. Finally, depending on the kit, there are also Accessories and Figures in H0 gauge (1:87), but of course, the appeal of designing also lies in installing your favourite Figures in any size and scale according to your own taste in the scene.



10002 ***Diorama Kit »Summer Breeze«***
Dimensions: approx. 18 cm x 16 cm, 8 cm high



10003 ***Diorama Kit »Winter Dream«***
Dimensions: approx. 18 cm x 16 cm, 8 cm high



10012 ***Diorama Kit »Rocky Mountain«***
Dimensions: approx. 18 cm x 15 cm, 16 cm high



10013 ***Diorama Kit »Rocky Ice«***
Dimensions: approx. 18 cm x 15 cm, 18 cm high

And for everyone who already has a clear idea of how their diorama should look and therefore want to customise it, the highly detailed bases can also be purchased separately.



10001 ***Diorama Base »Treetrunk«***
approx. 18 cm x 16 cm, 5.5 cm high



10011 ***Diorama Base »Rock«***
approx. 18 cm x 15 cm, 5.5 cm high

For the Landscape of Your Dreams!

The heart and soul of a model railway is its landscape making landscaping one of the most beautiful, important and demanding tasks in designing a layout. No matter whether you want to creatively implement your own ideas or reproduce a true-to-life landscape: what you need is not only imagination, leisure and a little dexterity, but above all, the right crafting material. In the NOCH range, you will find everything your hobbyist heart could desire. For further information, we recommend our guidebooks »A Family Hobby Model Railway« (see pages 6 and 7) and »St Sebastian« (see pages 8 and 9).

G 1 0 HO TT N Z

Landscape and Track Construction

NOCH Easy-Track – from page 30
- *The easy way to a personalised layout*

NOCH TERRA-FORM System – from page 36
- *Quick and easy assembly of a landscaping framework*

Landscaping Material – from page 38
- *Landscape-Modelling Foil, Landscaping Wire Mesh, Modelling Plaster Cloths, Rock and Modelling Compound*

Cork Track Beds – page 41
- *Easy to lay, great sound insulation*

Ballast and Natural Stones – from page 42
- *Ballast and stones for realistic model landscapes*

Track Helices – from page 44
- *Track helix system from LAGGIES for overcoming large height differences*

Track Cleaning and useful Accessories – from page 46
- *Helpful accessories: PROFI Foam Train Service Tray, Foam Ramps, Cable Ties*
- *Handy tools for rail cleaning*

NOCH Easy-Track – The Easy Way to a Personalised Layout!

Easy-Track Railway Route Kit »Karlsberg«

Easy-Track is a model railway reconceptualised, because Easy-Track relieves you of the time-consuming and painstaking steps of track planning.
You immediately start building your personalised model railway layout in the size of 190 cm x 120 cm. Easy-Track contains everything you need to get cracking on building the layout: the lines for your custom dream layout are already pre-cut, the stands for the route only have to be stuck together, and detailed instructions illustrate how to build the Easy-Track Railway Route System. And of course all the important track plans are included in the Railway Route Kit see product highlights.
All you need are tracks from the manufacturer of your choice and a base plate. Thanks to the well thought out Easy-Track System, building your track layout goes off without a hitch.

Product Highlights:

- *Easy-Track Railway Route Kit »Karlsberg«*
- *190 cm x 120 cm*
- *With H0 track plans for:*
  Märklin© C-/K-Track, Trix C-Track, Piko A-Track,
  Roco Line with track bed, Roco Line without track bed

Video clip

Contents:

4 Lane Segments, straight, 360 mm x 80 mm (Plywood)
7 Circuit Segments (Plywood)
6 Circuit Segments, 30° (Plywood)
2 Point Segments, 60° (Plywood)
2 Lane Segments, straight, 230 mm x 80 mm (Plywood)
1 Lane Segment, straight, 310 mm x 80 mm (Plywood)
1 Lane Segment, straight, 345 mm x 80 mm (Plywood)
1 Lane Segment, straight, 385 mm x 80 mm (Plywood)
1 Lane Segment, straight, 450 mm x 80 mm (Plywood)
1 Lane Segment, straight, 400 mm x 355 mm (Plywood)
1 Lane Segment, straight, 130 mm x 80 mm (Plywood)
56 Base Plates, small, 1 mm
1 Base Plate, large, 4 mm
8 Stand Parts, 14.5 mm
47 Stand Parts, 43.5 mm
17 Stand Parts, 9 mm
24 Stand Parts, 27 mm
57 Viaduct Connectors
57 Wood Screws



H0 **53600** ***Easy-Track Railway Route Kit »Karlsberg«***
Exterior dimensions of built up routes: 182 cm x 113.5 cm, 11 cm high
Minimum floor space required for assembly: 190 cm x 120 cm



Assembly of the routes on the base plate
(base plate and tracks not included)

Note: *you ll find a video on how to assemble this model railway layout on the NOCH YouTube channel at www.noch.de/youtube.*

NOCH Easy-Track – As Individual as You Are!

One base - endless possibilities

Made in Germany



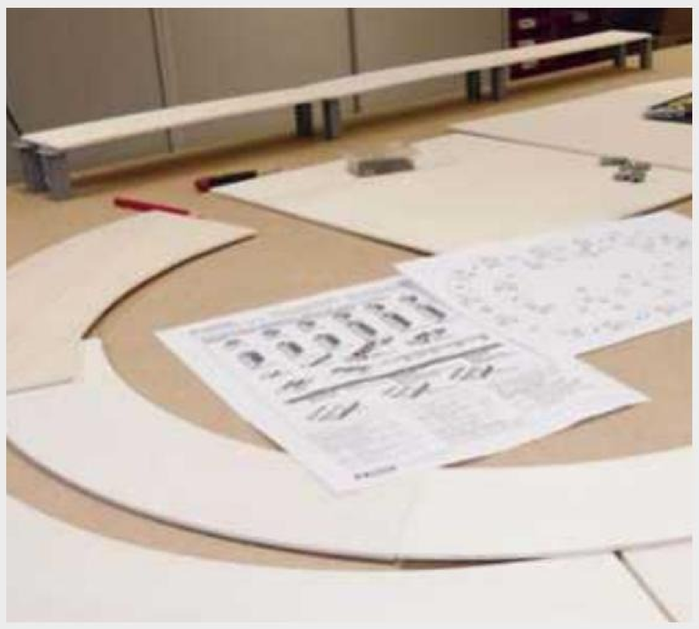


Set-up example A (page 32 – 33)

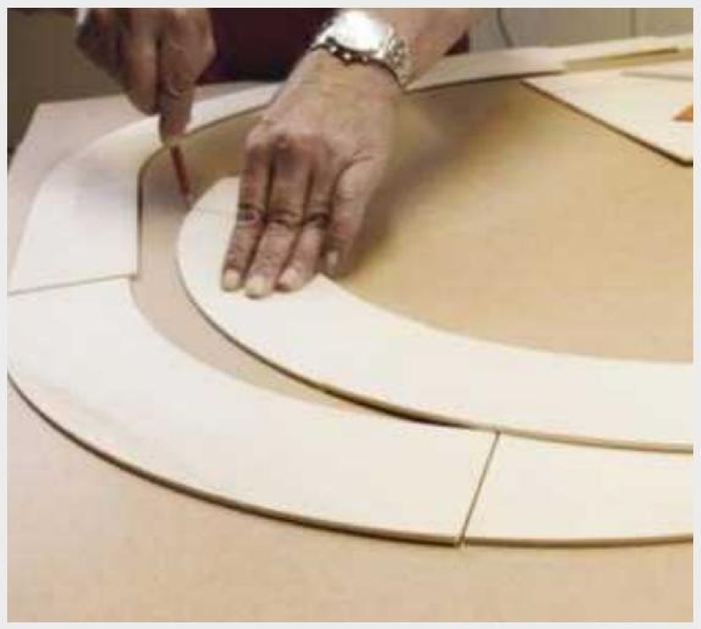


Set-up example B (page 34 – 35)

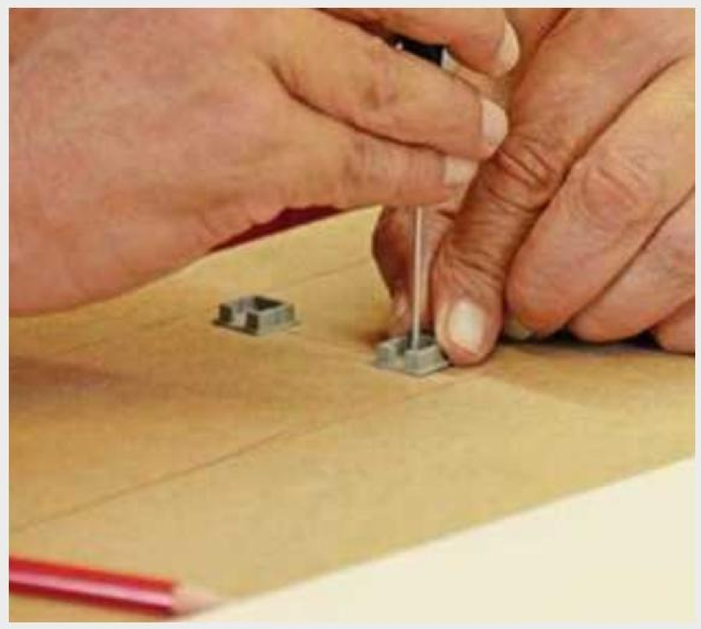
Info Tip:
NOCH Easy-Track – easy steps to your dream layout!



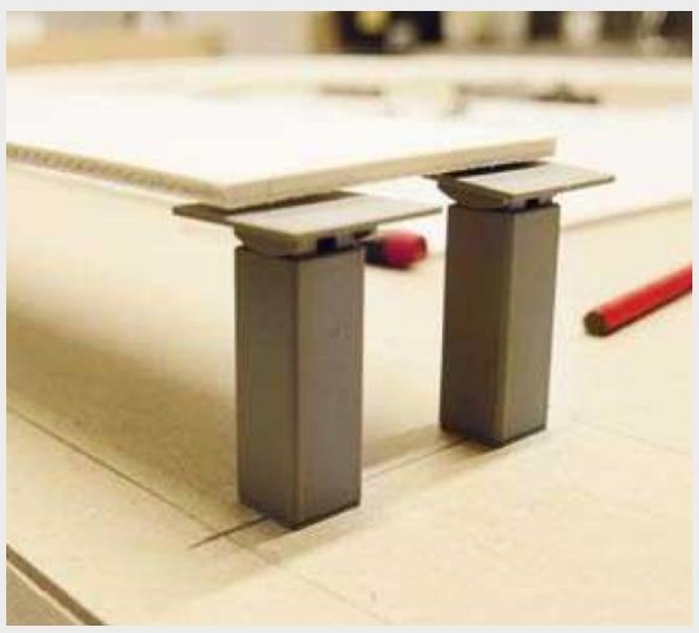
1. The rail routes are laid out loosely on the base plate.



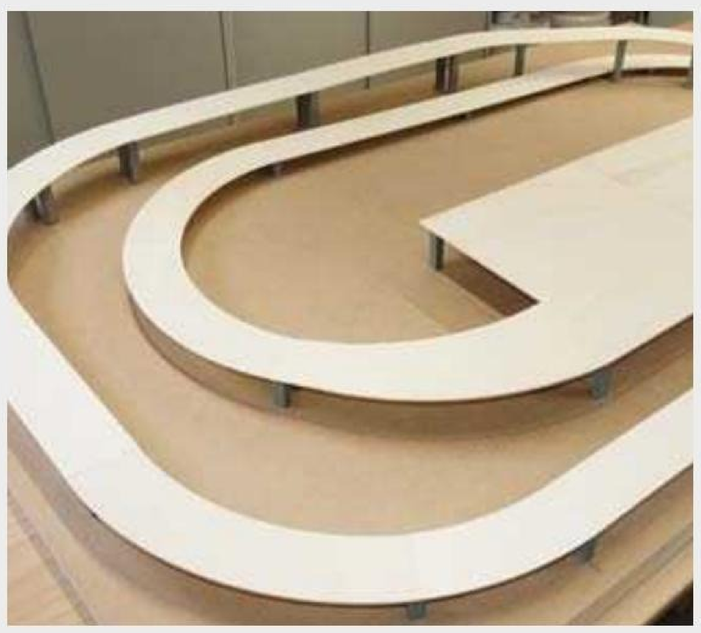
2. The course of the routes is marked on the base plate.



3. At the joins of the rail routes, floor slabs for the pillars are screwed on.



4. The pillars are stuck on as planned and the rail routes affixed with adhesive.



5. The track is now fully assembled.



6. The rails are laid on the track

Set-Up Example A

easy TRACK

A landscape is built on the foundation of the Easy-Track Railway Route System. With buildings, crafting material, grass fibres, trees, figures and other decorative details out of the large NOCH range, a great model railway layout is quickly and easily created. Equipped with these products, it is very easy for model railway beginners to build their own customised, dream model railway layout.



Once the tracks are assembled, driving operation is tested. You can then concentrate on the creative design of your personalised model landscape.
This is where the tried and tested NOCH products come into use.



7. By positioning the tunnel portals and arcades, the landscaping has begun.



8. Bridges, roads and footprints for the buildings are installed.

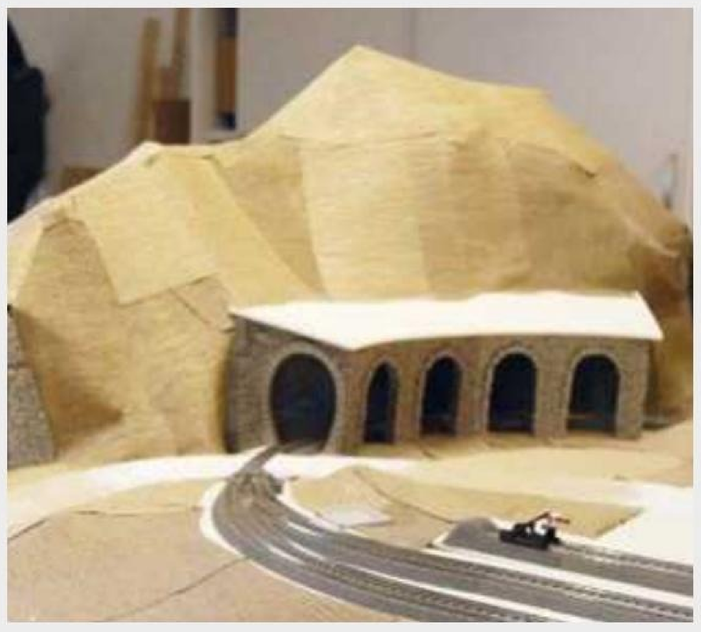
Note: *you ll find a video on how to assemble this model railway layout on the NOCH YouTube channel at www.noch.de/youtube.*

Made in Germany





9. The landscape is brought into shape with the TERRA-FORM System. This is how mountains, embankments and hills are formed.



10. The framework made of Wooden Support Poles is covered with Landscape Crepe Paper and thus forms the perfect substrate for rocks and meadows.



11. Rock pieces made of a Structured Hard Foam Rock Wall are glued to the particularly steep slopes.

Set-Up Example B

easy TRACK



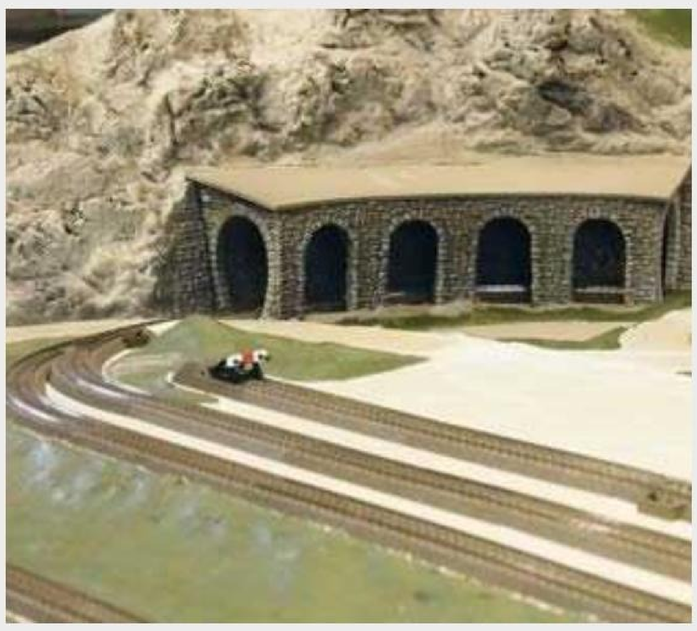




12. With Modelling Compound, the rock pieces are joined together to make one unit.



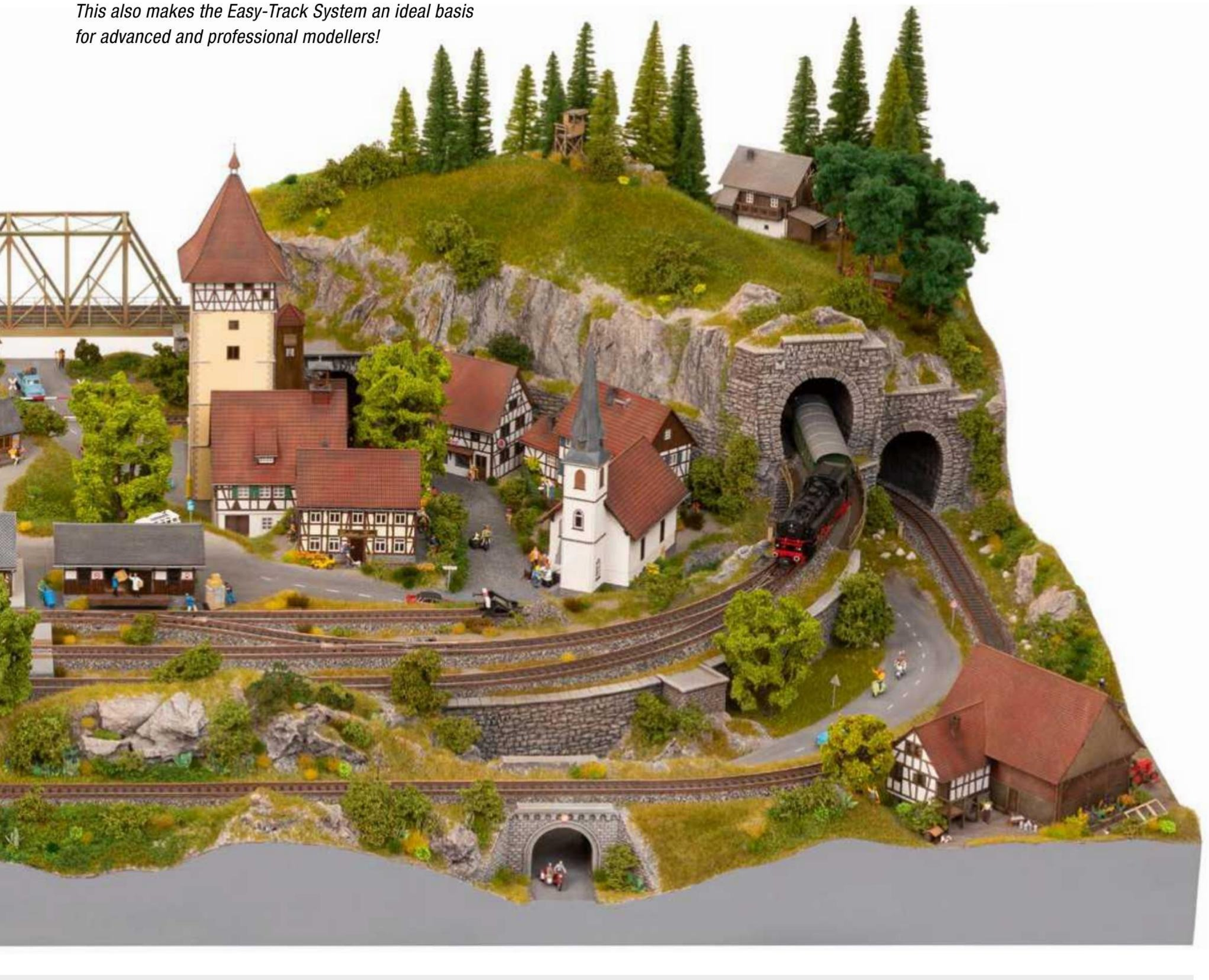
13. The rocks, walls and portals are coloured with NOCH Acrylic Sprays in black, ochre and ivory. This creates a harmonious colour gradient with special shading.



14. The surfaces that are later covered with grass are primed with green paint.

This example set-up by Andreas Theis shows what else you can do with the Easy-Track base if you invest a little more time and acquire the appropriate skills, e.g. by attending NOCH modelling seminars. Many different levels, patinated tracks and buildings, lovingly designed details and countless small scenes will amaze everyone.
This also makes the Easy-Track System an ideal basis for advanced and professional modellers!

Made in Germany





15. Before the grass is added, NOCH Structured Road Construction Paint is rolled on the roads. Next, an ample amount of Grass Glue is spread on.



16. Grass fibres of different lengths and colours are now electrostatically shaken onto the glue bed with the NOCH Gras-Master. This gradually creates dense grass vegetation with upright blades of grass.

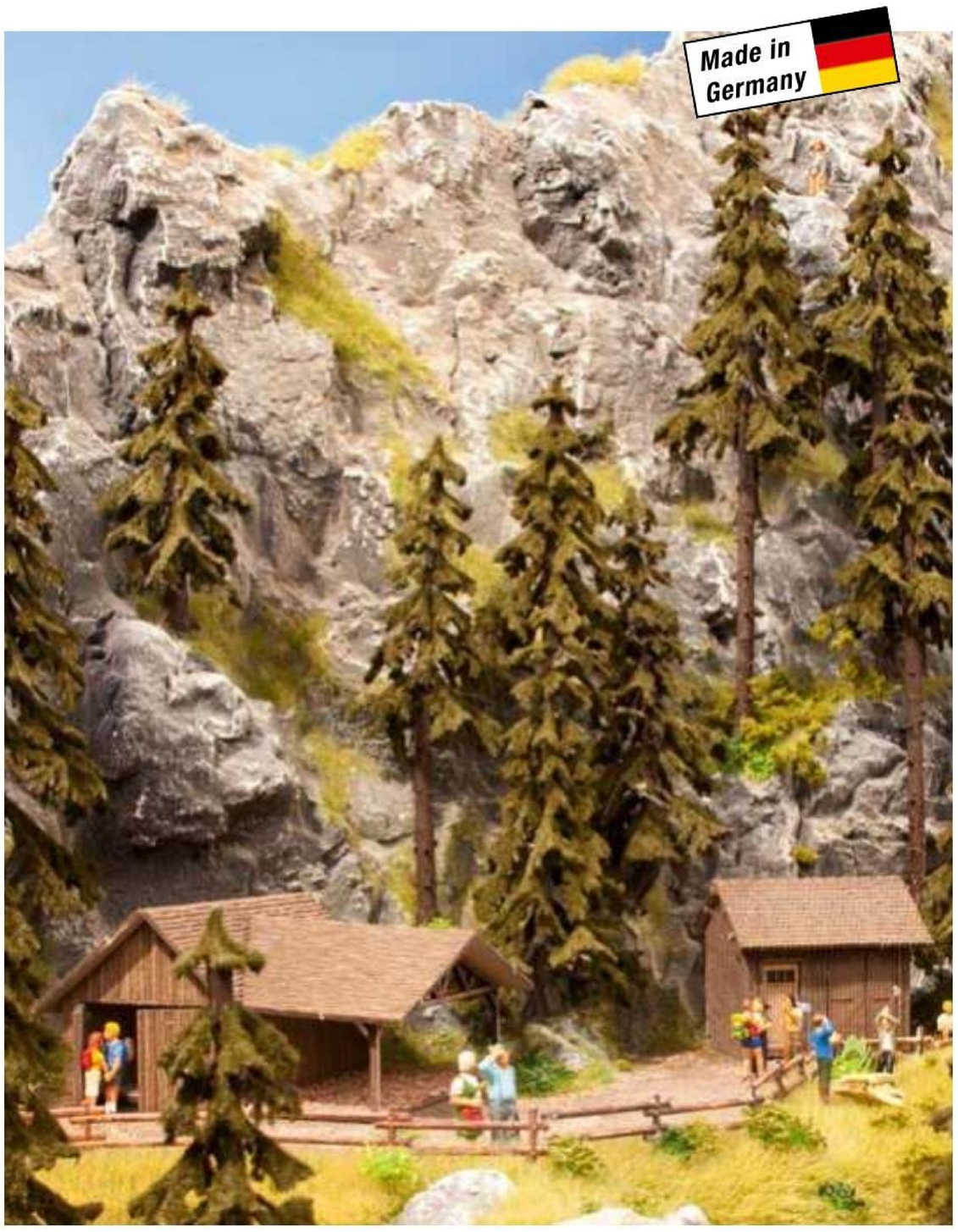


17. The landscape is individually designed with trees, buildings, vehicles and figures.

How to Give Your Landscape a Unique Identity

NOCH TERRA-FORM

TERRA-FORM is a proven and extremely sophisticated method for creating your model landscape: quick and uncomplicated, extremely lightweight, highly flexible and cost-effective. The foundation of the system consists of two- to five-way connecting elements made of flexible plastic, to which round rods are joined in order to make the desired shape. The round rods can be cut to any length you like and then connected together. You do not need to have manual skills for this, nor many tools: scissors, craft knife, fine saw, hammer and hot glue gun. Unlike the traditional approach, you begin by laying out the tracks. On a base of your choice (e.g. blockboard, chipboard, solid wood panel), you first build the rail system and lay all electrical connections. Following a test drive, you start designing the landscape above and around the track. First, you build the tent-like framework. Since the round rods are only slotted into the connecting elements, the construction can be corrected and changed at any time. Thanks to this scaffolding system, subsequent remodelling is just as unproblematic as ongoing »maintenance« of the rail and all the mechanics. Once the framework is standing, it is then covered with NOCH Landscape Crepe Paper to form your landscape template, which you can customise as you wish.



Info Tip
Teach yourself perfect landscape design with NOCH

On pages 6 to 9 of the catalogue you will find two guidebooks. When building model landscapes, the NOCH TERRA-FORM system is the basic framework used.

71904 ***»Familien-Hobby Modellbahn« Guidebook***
German, *120 pages*
(further information can be found on pages 6 and 7)

71905 ***»A Family Hobby – Model Railway« Guidebook***
English, *120 pages*

71910 ***Ratgeber Modell-Landschaftsbau »St. Sebastian«***
German Guidebook, *120 pages*
(further information can be found on pages 8 and 9)

71911 ***Guidebook Model Landscaping »St Sebastian«***
English, *120 pages*

71917 ***Guide du modélisme »Saint Sébastien«***
French Guidebook, *120 pages*



61605 ***TERRA-FORM Test Package***

The TERRA-FORM Test Package contains TERRA-FORM materials to try out the system. Many work steps can be tested by putting together materials in the pack.



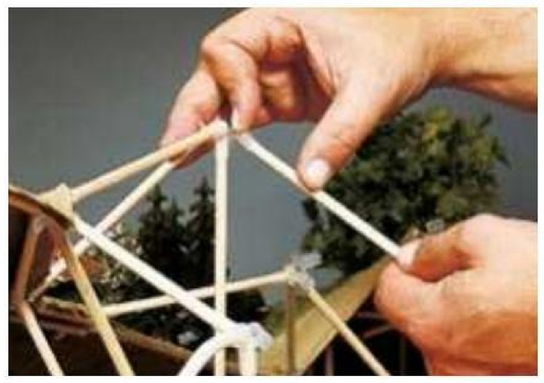
It is very easy to cut the wooden poles to the right length.



The flexible 5-way connectors make it possible to assemble the tent-like construction as desired.



The connectors and wooden poles do not have to be glued. This allows you to change the rough template of your landscape until it matches your concept.



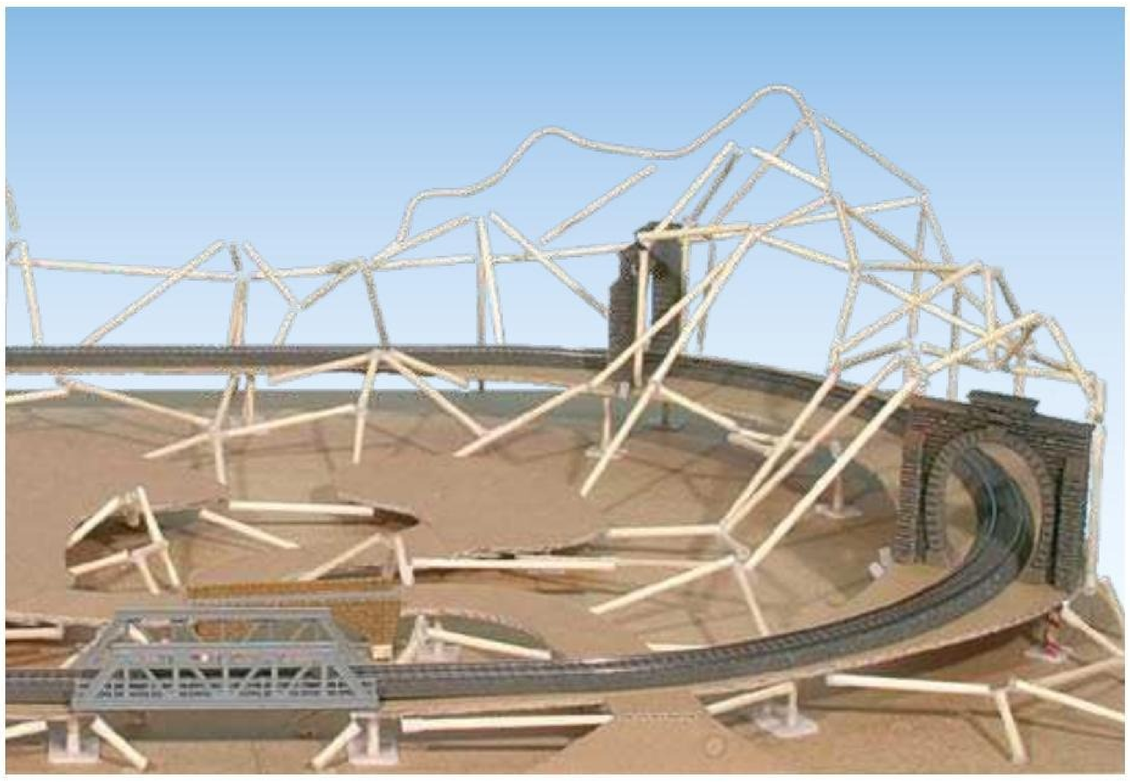
Due to the TERRA-FORM base plates and connectors, the framework has a stable footing on every base.



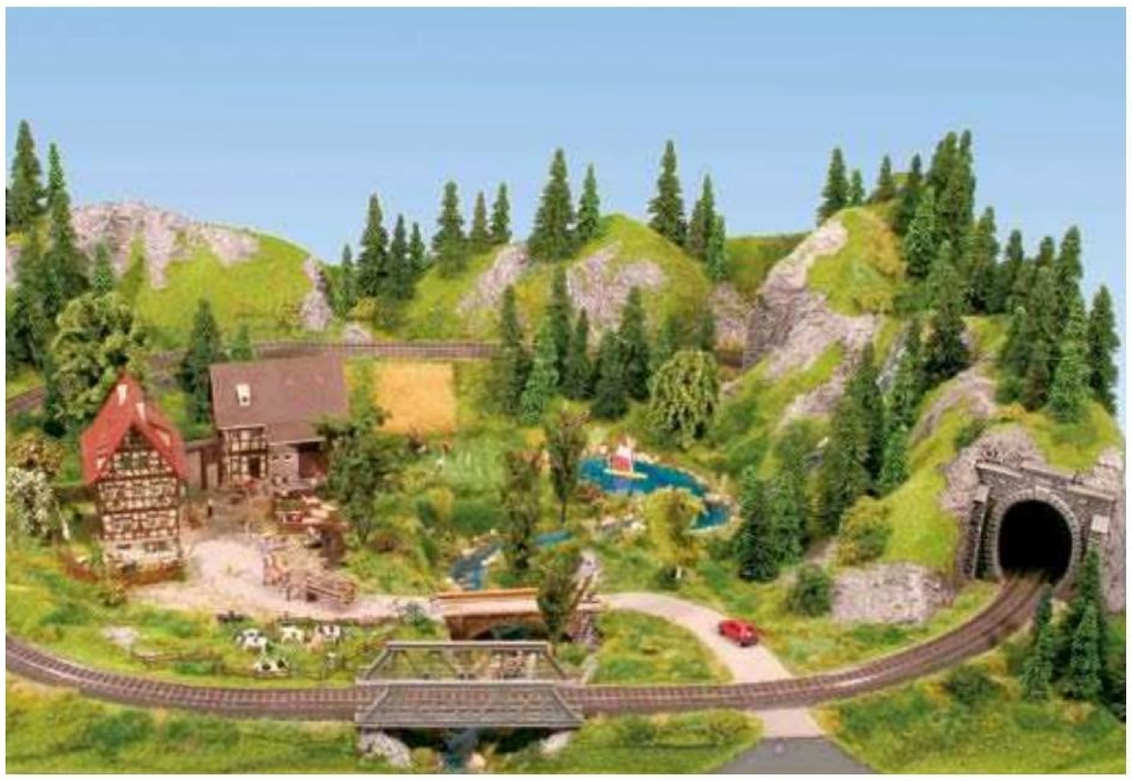
Thanks to the flexibility of the poles, curved ridges or jagged overhangs can be created.



Once the framework meets your expectations, the NOCH Landscape Crepe Paper is glued on.



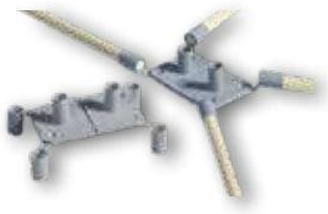
Landscaping with TERRA-FORM: with the material from the Basic Set (ref. 61601) ...



this landscape was built.



Reinforced cardboard



Prop upper plates, detachable



5-way connector, detachable



Prop lower plates, detachable



3-way connector



2-way connector



2-way round, flat connector



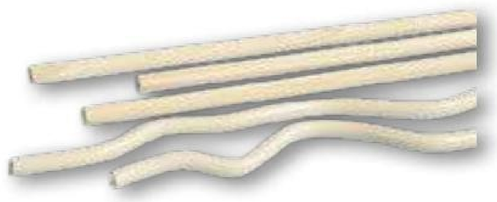
1-way connector with adhesive pad



Base plate



2-way clamps



TERRA-FORM supplement:

61620 ***Reinforced Cardboard***
5 pieces, very strong carton 55 cm x 40 cm, to apply as a stable base for track series or houses

61630 ***Connector Pieces***
72 parts in total:
- *18 5-way connector*
- *14 3-way connector*
- *8 2-way connector*
- *8 2-way round, flat connector*
- *24 1-way connector with adhesive pad*

61640 ***Base Plates and Clamps***
40 parts in total:
- *20 base plates*
- *20 2-way clamps*

The base plates can be divided and thus used for H0, TT, N and Z

61650 ***Wooden Support Poles***
40 cm long, 35 pieces

61660 ***Flex Support Pole***
divisible, 3 m long

61670 ***Prop Plates***
16 parts in total:
- *8 prob upper plates*
- *8 prob lower plates*

The prop upper and lower plates can be divided and thus used for H0, TT, N and Z.

Note: *the basic set contains the framework system (see picture above left), but not the modelling compound, grass, and extra decoration.*
Contents: *see TERRA-FORM Basic Set.*
The compilation of all materials needed to assemble a complete model landscape can be found in the Model Landscaping Set on pages 16 and 17.



61601 ***TERRA-FORM Basic Set***

This Basic Set contains everything you need for building a landscape substructure.

Landscape Framework, 228 parts in total:
- *50 wooden poles (40 cm each)*
- *1 flexible support pole (100 cm)*
- *36 connectors, 5-way*
- *28 connectors, 3-way*
- *16 connectors, 2-way*
- *16 round, flat connectors, 2-way*
- *48 connectors, 1-way with adhesive pad*
- *4 clamps*
- *12 prop upper plates*
- *12 prop lower plates*
- *4 base plates*

You also get to know:
- *60 cm x 60 cm NOCH Landscape Crepe Paper*

Landscape-Modelling Foil

Stable, shapeable and self-supporting foil for the construction of mountains, tunnels and landscapes. The foil is equipped with a rough special coating on one side, which is the optimum base for further treatment with NOCH landscaping products like rock compound, scatter material , grass, etc.
Note: not for sale in the USA





60835 ***Landscape-Modelling Foil***
150 cm x 25 cm



60836 ***Landscape-Modelling Foil XL***
150 cm x 50 cm

Craft Tip:
Landscape-Modelling Foil

Cut the Landscape-Modelling Foil to the required size. By carefully bending it, you can easily mould the mountain into whatever shape you would like.
The Landscape-Modelling Foil is attached by sticking it to the foundation. Then you can continue working with the NOCH Rock Compound directly on the modelling foil.

Landscaping Wire Mesh

Stable, flexible, shapeable these are the outstanding characteristics of this innovative material for the designing of model landscapes. Use the landscaping material on the TERRA-FORM system by NOCH, on a substructure frame or any other substructure. You get a robust and stable surface on which you can directly work with other craft materials.

60833 ***Landscaping Wire Mesh***
100 cm x 75 cm, folded in bag



G 1 0 H0 TT N Z



Landscape Crepe Paper

Tough but flexible special crepe paper with a waterproof middle layer. So you can model directly onto the crepe paper and also safely utilise materials containing liquid in your design.



60840 ***Landscape Crepe Paper***
90 cm x 80 cm





Landscaping Aluminium Wire Mesh

Finely-woven, shapeable aluminium mesh. For smaller, self-supporting mountain constructions. Ideal for covering the frame of a substructure.

60990 ***Landscaping Aluminum Wire Mesh XL***
100 cm x 75 cm, folded in bag

60991 ***Landscaping Aluminum Wire Mesh***
50 cm x 75 cm, folded in bag



Modelling Plaster Cloth

With these special plaster bandages, you can cover substructures made of Landscaping Aluminium Wire Mesh. The construction becomes particularly stable when the bandages are applied to the substructure in several layers. For larger building projects, we recommend our large pack of Modelling Plaster Cloth XL, offered for a bargain price.

Best value!



60980 ***Modelling Plaster Cloth***
2 rolls of 200 cm x 10 cm each



60982 ***Modelling Plaster Cloth XL***
4 rolls, length 300 cm each
width 2 x 14.5 cm, 1 x 9.5 cm
1 x 6.0 cm

Craft Tip:
Modelling Plaster Cloth

NOCH Modelling Plaster Cloth is ideal for stabilising our mountain subconstruction made of Landscaping Aluminium Wire Mesh Cut the fabric into 15 to 20 cm long strips. Dip them briefly in lukewarm water and place the wet plaster bandages on your substructure. Allow each strip to overlap with approximately half of the previous one. This overlapping makes your substructure significantly more stable. Then spread the plaster evenly with your hand.



Rock Compound

Due to its special composition, the NOCH Rock Compound automatically forms a »rocky« surface structure upon drying. The two popular NOCH Rock Compound products are also available at a favourable price in a large pack of 1,000 g.

Craft Tip:
Designing rocks with NOCH Rock Compound

Add some water to the NOCH Rock Compound and stir the mixture. After applying the mixture with a trowel (or a knife), it hardens after about 15 minutes. When drying, the special composition of the compound mixture forms its own rock-like surface. Especially beautiful and realistic rock structures can be created by breaking up NOCH Hard Foam Rocks and Rock Plates into the desired size and incorporating them in the mixture while it is still damp.
You can find a large selection of rock pieces, rock plates and rocks made of NOCH Hard Foam in the chapter »Rocks and Rock Walls« starting on page 76 of this catalogue.



Best value!

60880 ***Rock Compound »Granite«***
grey, 400 g

60882 ***Rock Compound XL »Granite«***
grey, 1,000 g



Best value!

60890 ***Rock Compound »Sandstone«***
brown, 400 g

60892 ***Fels-Spachtel XL »Sandstein«***
braun, 1.000 g ***€ 13,99***

Modelling Compound

The smooth, white compound mixture is ideal for creating flat surfaces (e.g. floor space for houses or roads). Also, the NOCH Modelling Compound does not become brittle upon drying the risk of cracks forming is very low.



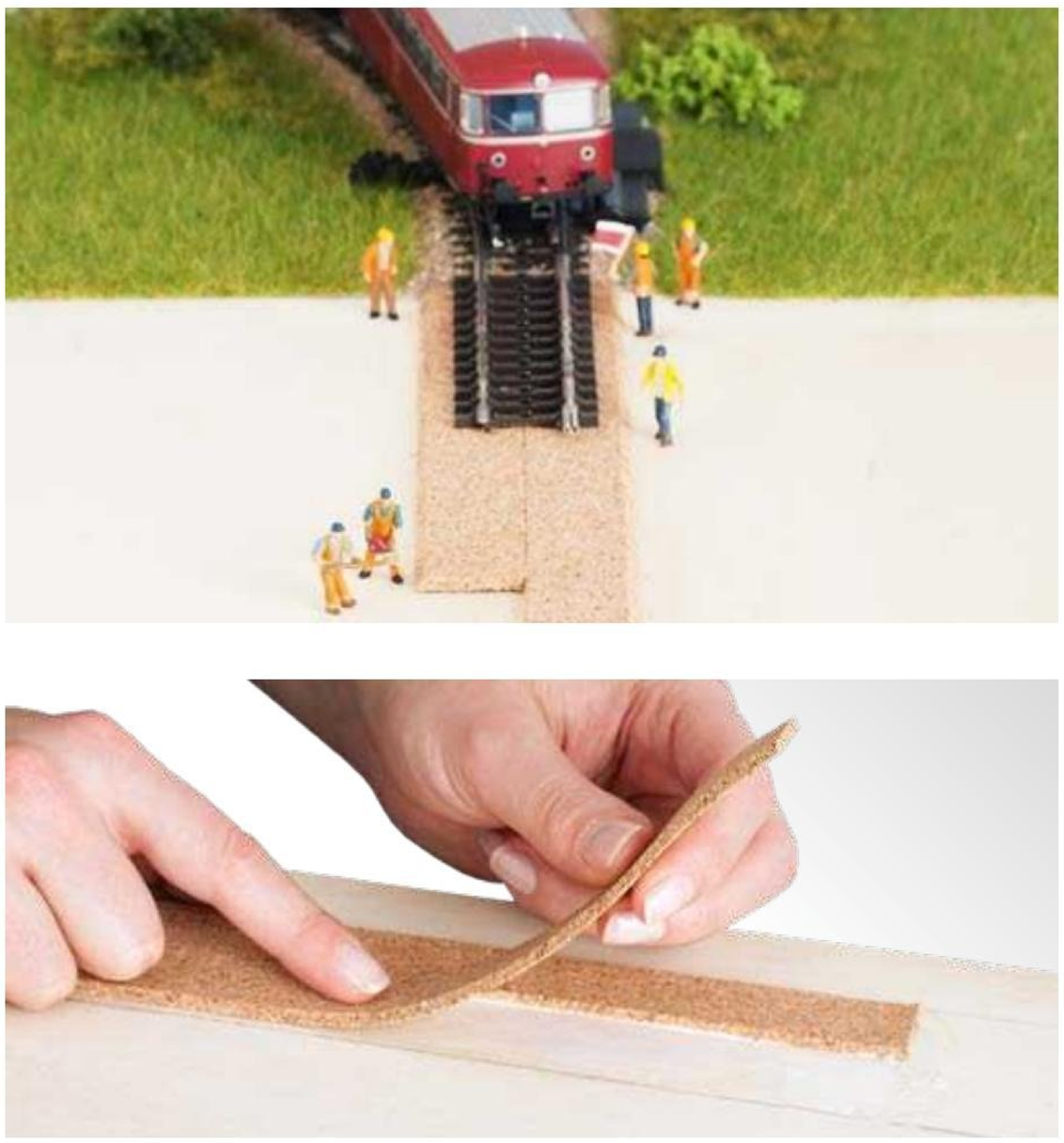
60920 ***Modelling Compound***
white spackle, 500 g

G 1 0 H0 TT N Z

Perfect Embedding for Your Tracks!

Cork Track Beds for Model Railway Tracks

Cork Track Beds are a real model railway classic: they lend themselves as the perfectly stable and noise-absorbing base for model railways tracks, such as the MÄRKLIN® K track or the PIKO® A track. The track beds are easy to lay: for glueing them together, we recommend NOCH Latex Adhesive (ref. 61135). NOCH Ballast, which you can find on the following page, is the most suitable for laying ballast.





First, the cork track bed is split by bending it in the middle…

and the two resulting strips are then glued together again along the »back«. The cork track beds can therefore be laid flexibly and follow every course of the track.





HO **50410** ***Cork Track Bed, 3 mm high***
6 pieces, 4.4 cm x 50 cm each (total length 3 m)

HO **50412** ***Cork Track Bed, 3 mm high***
18 pieces, 4.4 cm x 50 cm each (total length 9 m)

TT **HOm** **50460** ***Cork Track Bed, 3 mm high***
6 pieces, 3.6 cm x 50 cm each (total length 3 m)

TT **HOm** **50462** ***Cork Track Bed, 3 mm high***
18 pieces, 3.6 cm x 50 cm each (total length 9 m)

N **50490** ***Cork Track Bed, 2 mm high***
6 pieces, 2.8 cm x 50 cm each (total length 3 m)

N **50492** ***Cork Track Bed, 2 mm high***
18 pieces, 2.8 cm x 50 cm each (total length 9 m)

Note: *all cork track beds on this page are supplied without rails and points.*

HO **TT** **HOm** **50416** ***Cork Plate, 3 mm high***
2 pieces, 15 cm x 50 cm

N **50496** ***Cork Plate, 2 mm high***
2 pieces, 15 cm x 50 cm

Latex Adhesive – Ideal for Cork Track Beds



NOCH Latex Adhesive is a viscous glue paste with a wide range of applications. The milky-white glue emulsion can be applied directly from the dispenser bottle with a brush or putty knife onto cork, wood, rubber, felt, cardboard and textiles. The latex adhesive is ideal for glueing down NOCH Cork Track Beds. The non-toxic adhesive is also suitable for glueing together rails and railway lines to ensure sound insulation. In addition, the rail can be ballasted at the same time.

61135 ***Latex Adhesive***
125 g



Just Like Real Track Ballast!

PROFI Ballast and Track Ballast

Ballast and stones play a very important role when designing a realistic model landscape. Typically, track ballast is mined by region and therefore reflects the colour of the rocks and stones of that region. Among other things, with the assortment of NOCH PROFI Ballast, you can make your ballasted track beds look extremely realistic.

PROFI Ballast is available in four different colours and two different grain sizes for H0, TT, N and Z gauges. These varieties are great mixed together to create completely new, original colours.





H0 TT **09361** ***PROFI Ballast »Limestone«***
beige brown
250 g bag



H0 TT **09363** ***PROFI Ballast »Granite«***
grey
250 g bag



H0 TT **09365** ***PROFI Ballast »Basaltic Rock«***
dark grey
250 g bag



H0 TT **09367** ***PROFI Ballast »Gneiss«***
red brown
250 g bag

N Z **09161** ***PROFI Ballast »Limestone«***
beige brown
250 g bag

N Z **09163** ***PROFI Ballast »Granite«***
grey
250 g bag

N Z **09165** ***PROFI Ballast »Basaltic Rock«***
dark grey
250 g bag

N Z **09167** ***PROFI Ballast »Gneiss«***
red brown
250 g bag



H0 TT **09372** ***Ballast***
brown
250 g bag



H0 TT **09374** ***Ballast***
grey
250 g bag



H0 TT **09376** ***Ballast***
dark grey
250 g bag
suitable for Märklin® C-Track

N Z **09172** ***Ballast***
brown
250 g bag

N Z **09174** ***Ballast***
grey
250 g bag



O **09368** ***PROFI Ballast »Granite«***
grey, 250 g



O **09369** ***PROFI Ballast »Basaltic Rock«***
dark grey, 250 g



O **09370** ***PROFI Ballast »Gneiss«***
reddish brown, 250 g

Ballast Glue

This glue is ideal for applying ballast. Thanks to the nozzle, you can also easily reach inaccessible spots.

Usage: *spread the loose ballast between the sleepers and then drizzle on the ballast glue.*



61134 ***Ballast Glue***
130 g

G 1 O H0 TT N Z

Craft Tip:
Ballasting tracks

In order to design a perfect track bed, we recommend NOCH Cork Track Beds as bases for your track (e.g. ref. 50410 for H0 scale, ref. 50460 for TT scale and ref. 50490 for N scale). These have a sound-absorbing effect and even create the appearance of a poured bed of ballast, with small embankments to the left and right of the rails. The ballast is loosely scattered and then spread around the gaps between the sleepers with a brush. Afterwards, drizzle on some NOCH Ballast Glue (ref. 61134) to permanently fix the ballast.



The rail is laid and fixed onto the cork track bed.



The ballast is now loosely scattered. The NOCH Shaker (ref. 08099) is very useful for this.



The ballast is then spread between the railway sleepers with a brush.



The loose ballast is applied with NOCH Ballast Glue (item no. 61134).



PROFI Rocks »Rubble«



Steep mountains and rocky slopes are among the most impressive motifs that can be recreated in a model landscape. Small and large rocks and boulder blocks regularly break away from cliffs and crags and then accumulate in screes, beneath steep mountain walls or in riverbeds. NOCH Rubbles are ideal for recreating such rock formations, screes and wonderful riverbeds and lakebeds in your model, and for adding detail. The rubble is available in three different grain sizes, which can be used alone or mixed together.



09228 ***PROFI Rocks »Rubble«***
fine, 80 g bag
grain, 1 mm 2 mm



09230 ***PROFI Rocks »Rubble«***
medium, 80 g bag
grain, 2 mm 5 mm



09232 ***PROFI Rocks »Rubble«***
coarse, 80 g bag
grain, 6 mm 16 mm



09202 ***Coal***
250 g bag

Natural Stones

Nothing looks more realistic than natural products. That's why NOCH chooses natural stones for model landscaping. All stones are finely ground and sorted by size.





09204 ***Chippings Lahn***
250 g bag



09214 ***Boulders***
250 g bag



09216 ***Sandstone Boulders***
250 g bag



09226 ***Rock Boulders Hegau***
250 g bag



09203 ***PROFI Rocks »Coal«***
100 g bag

PROFI Rocks »Coal«

PROFI Rocks »Coal« consists of a material that looks exactly like real coal.

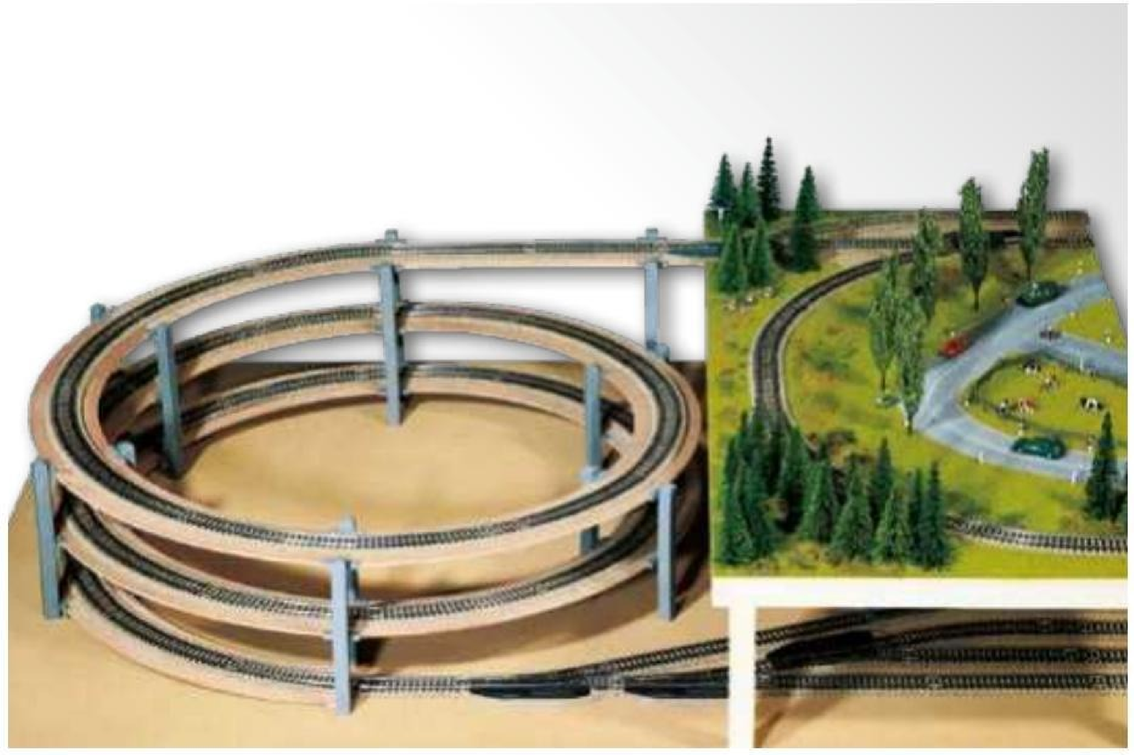


The Best Way to Change Levels

LAGGIES Helix

Made in Germany





It's that easy!

What exactly is a track helix?
A track helix is a spiral on which a train travels from one level to a level lower down or higher up. So, the train goes up or down the track helix. The track helix has the same gradient at each point so that even long trains can overcome large height differences.

When do I need a track helix?
There are numerous possible applications. Here are some examples:
· to reach a lower or higher level.
· to get to hidden storage tracks underneath the layout.
· to connect two layouts of different heights.

How do the trains not derail when they go along the curves in the helix?
The outer curves of the track helix are around 3 mm higher. This significantly improves driving safety and reduces rolling resistance.



What versions of LAGGIES Helix are available?
There are track helices for H0 and N gauges a perfect complement to the specific conditions of individual railway manufacturers.
All track helices can be set up to run in a clockwise or counterclockwise direction.

How can I overcome even larger height differences with a track helix?
Every track helix needs a so-called basic helix. This basic helix includes the entrance to the helix and the exit from the helix. Any number of add-on helices can be set up on this basic helix depending on the height difference that must be handled by the train.

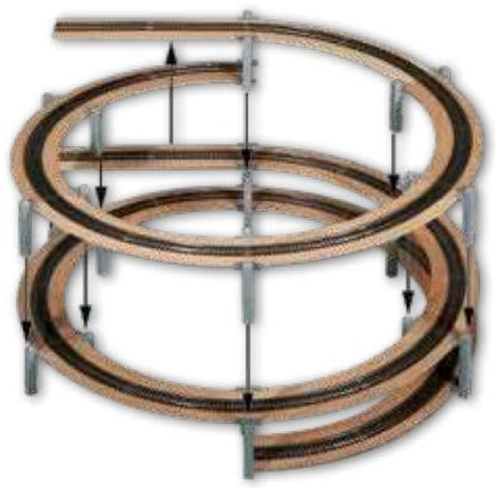
The Basic Helix

The basic helix comprises 1 1/2 circles. The crossing height as well as the entrance and exit can be reached with a basic helix.

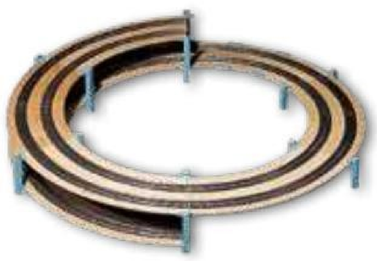
The Add-on Helix

The add-on helix comprises a full circle. As many add-on helices as you like can be placed on a basic helix. In this way, even the biggest height differences in the tightest of spaces can be handled smoothly.
***Note:** the height differences that can be bridged by a basic or add-on helix are detailed in this table.*

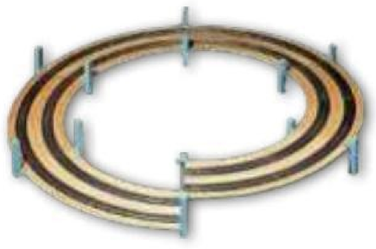
Height difference – basic or add-on helix		
Gauge	***System***	***Height difference***
H0	*Basic Helix*	*130.5 mm*
H0	*Add-on Helix*	*87 mm*
N	*Basic Helix*	*81 mm*
N	*Add-on Helix*	*54 mm*



Basic Helix: 1 1/2 circles (9 segments) – complete set with all the necessary components (below).
Add-on Helix: 1 circle (6 segments) – complete set with all the necessary components (above).



Double-track »Basic Helix« (1 1/2 circles)



Double-track »Add-on Helix« (1 circle)

G 1 0 H0 TT N Z

Contents of a basic helix set, e.g. for an H0 Scale helix:			
Qty.	**Description**	**Qty.**	**Description**
6	Base plates, small, 1 mm	9	Plywood circle segments
6	Base plates, large, 4 mm	1	Railway segment, straight
12	Supports, small, 14.5 mm	50	Wood screws
22	Supports, large, 43.5 mm	1	Radius template
12	Support caps	1	Instruction manual
18	Segment holders		

What is the LAGGIES Helix made of?

The assembly kit consists of precision-cut railway segments of 4 mm-strong plywood and matching supports and holders.
As an example, see the contents of an H0 Scale Basic Helix to the left, which we have put together for you.

In the following table are the LAGGIES Helices, sorted by track gauge and radius. Every helix can be set up to run in a clockwise or counterclockwise direction. The complete assembly kit contains all the necessary supports, railway segments and detailed instructions. Please be aware that each helix requires a basic circle. The number of add-ons required depends on the height that you want to bridge.

LAGGIES Helix complete assembly kits

(clockwise or counterclockwise, with detailed instructions)

Outer diameter = outer measurement between two supports

H0 ***Track radius 360 mm, single-track***

for Märklin M/K/C, TRIX C, Fleischmann Modell/Profi, Roco/Roco Line, PIKO A and tracks of this radius

53001 *Basic Helix H0, 9 segments = 1 1/2 circles*
Assembled height: 130.5 mm
Segment width: 80 mm
Gradient: 3.8 %
Outer diameter: 828 mm

53101 *Add-on Helix H0, 6 segments = 1 circle*
Height of level: 87 mm

H0 ***Track radius 360/437.5 mm, single- or double-track***

for Märklin M/K/C, TRIX C, Fleischmann Modell/Profi, Roco/Roco Line, PIKO A and tracks of these radii

53004 *Basic Helix H0, 9 segments = 1 1/2 circles*
Assembled height: 130.5 mm
Segment width: 165 mm
Gradient, inner: 3.8 %
Gradient, outer: 3.17 %
Outer diameter: 998 mm

53104 *Add-on Helix H0, 6 segments = 1 circle*
Height of level: 87 mm

H0 ***Track radius 420/483 mm, single- or double-track***

for Fleischmann Profi R2/R3, PIKO A R2/R3 Roco Line R3/R4 and other tracks of these radii

53005 *Basic Helix H0, 9 segments = 1 1/2 circles*
Assembled height: 130.5 mm
Segment width: 145 mm
Gradient, inner: 3.3 %
Gradient, outer: 2.87 %
Outer diameter: 1,078 mm

53105 *Add-on Helix H0, 6 segments = 1 circle*
Height of level: 87 mm

H0 ***Track radius 481.2/542.8 mm, single- or double-track***

for Fleischmann Profi R3/R4, PIKO A R3/R4, Roco Line R4/R5 and other tracks of these radii

53007 *Basic Helix H0, 9 segments = 1 1/2 circles*
Assembled height: 130.5 mm
Segment width: 145 mm
Gradient, inner: 2.88 %
Gradient, outer: 2.55 %
Outer diameter: 1,214 mm

53107 *Add-on Helix H0, 6 segments = 1 circle*
Height of level: 87 mm

H0 ***Track radius 515/579.3 mm, single- or double-track***

for Märklin C, TRIX C

53009 *Basic Helix H0, 9 segments = 1 1/2 circles*
Assembled height: 130.5 mm
Segment width: 145 mm
Gradient, inner: 2.69 %
Gradient, outer: 2.39 %
Outer diameter: 1,276 mm

53109 *Add-on Helix H0, 6 segments = 1 circle*
Height of level: 87 mm

H0 ***Track radius 554/619 mm, single- or double-track***

for Märklin K and flex tracks from all manufacturers

53008 *Standard Helix H0, 9 segments = 1 1/2 circles*
Assembled height: 130.5 mm
Segment width: 145 mm
Gradient, inner: 2.5 %
Gradient, outer: 2.23 %
Outer diameter: 1.352 mm

53108 *Add-on Helix H0, 6 segments = 1 circle*
Height of level: 87 mm

N ***Track radius 194/230 mm, single- or double-track***

for Arnold, Fleischmann piccolo, Roco N, Minitrix and other tracks of these radii

53026 *Standard Helix H0, 9 segments = 1 1/2 circles*
Assembled height: 81 mm
Segment width: 100 mm
Gradient, inner: 4.43 %
Gradient, outer: 3.74 %
Outer diameter: 560 mm

53126 *Add-on Helix H0, 6 segments = 1 circle*
Height of level: 54 mm

N ***Track radius 329/362 mm, single- or double-track***

for Roco N, Minitrix, flex tracks and other tracks of these radii

53027 *Basic Helix H0, 9 segments = 1 1/2 circles*
Assembled height: 81 mm
Segment width: 100 mm
Gradient, inner: 2.61 %
Gradient, outer: 2.37 %
Outer diameter: 840 mm

53127 *Add-on Helix H0, 6 segments = 1 circle*
Height of level: 54 mm

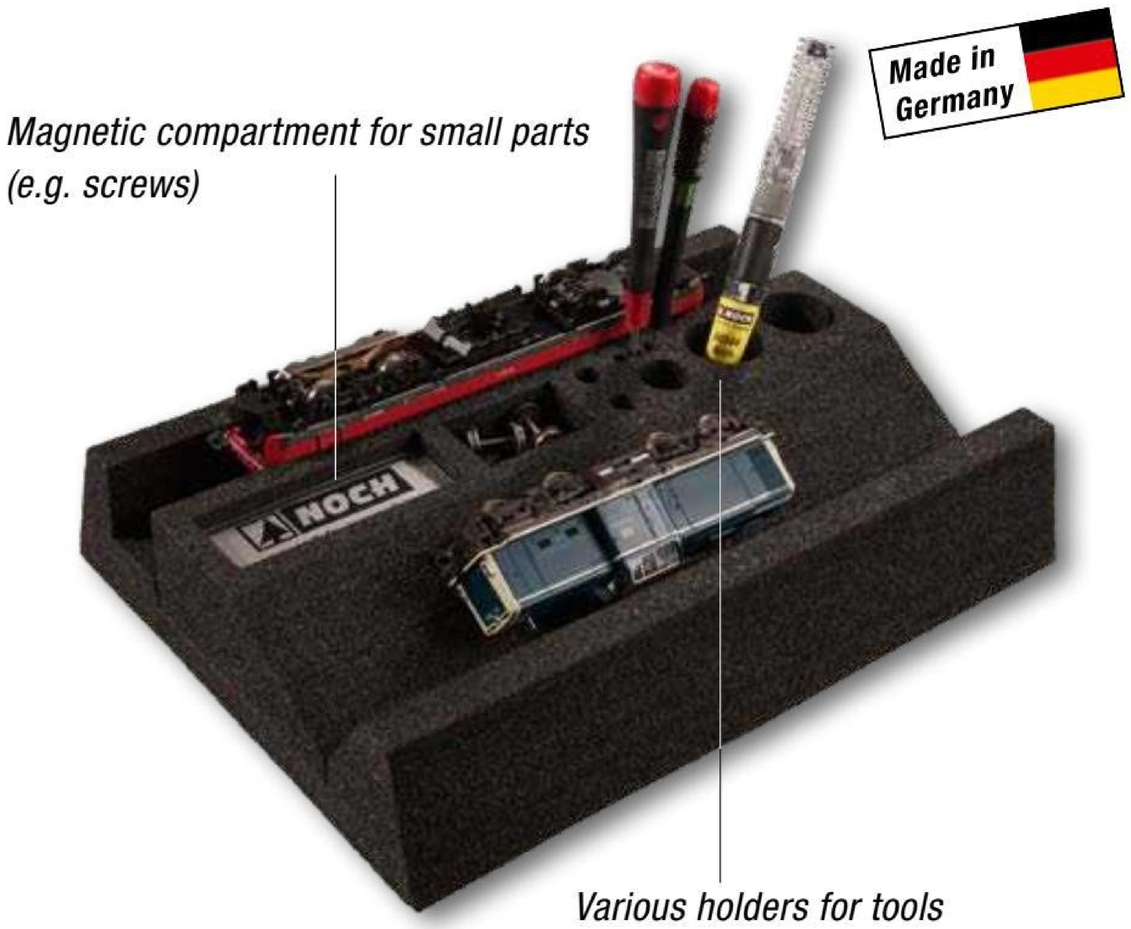


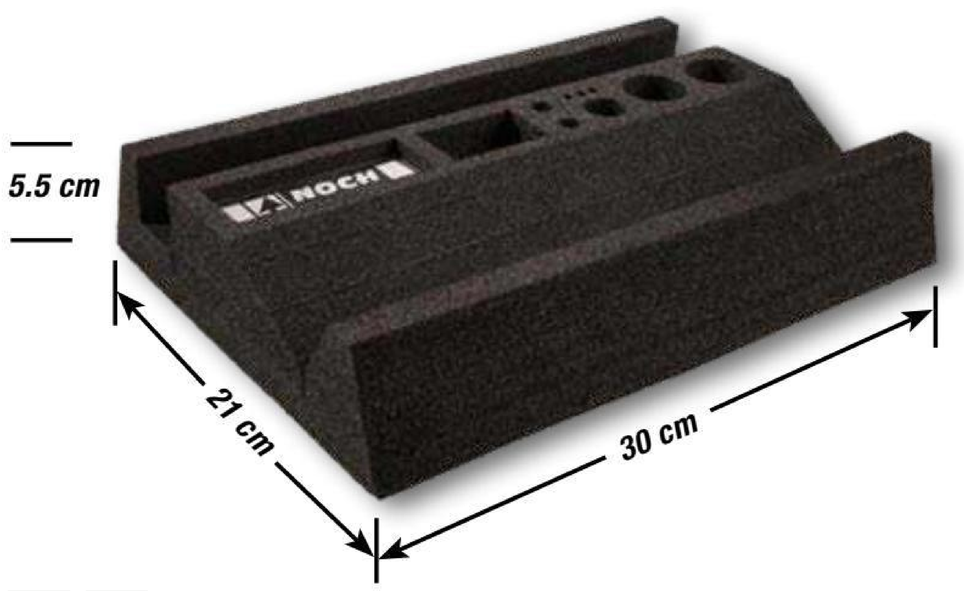
This layout demonstrates the possibilities of combining LAGGIES and TERRA-FORM systems.

Safe in Bed!

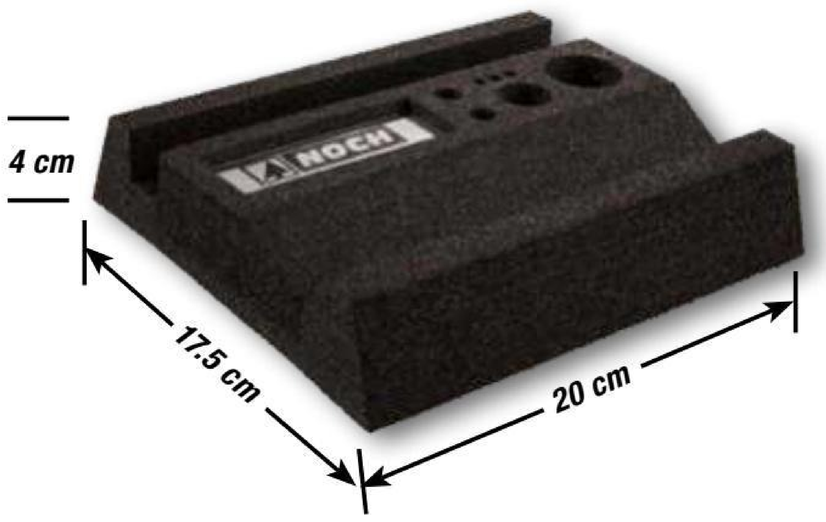
PROFI Foam Train Service Tray

Developed by professionals for professionals, this is reflected in the many details of these Foam Train Service Trays. The PROFI Foam Train Service Tray has two hollows for your locomotives. In one, the locomotive can be clamped upside down in the soft foam. It is now easy to inspect from below, and gears and axles can be easily oiled. Locos and waggons can be placed sideways or diagonally upside down in the sloping tray. This allows side panels to be cleaned and engines and piston rods to be repaired, as well as many other servicing jobs.
The Foam Train Service Trays have different compartments and recesses, in which a brush, oil pen and tools can fit.
Small parts and screws can be stored in the integrated compartments. So that small parts do not get lost, a magnetic disc is incorporated in one compartment. The tiniest screws, for example, adhere to it.





HO TT **99355** ***PROFI Foam Train Service Tray***



N Z **99352** ***PROFI Foam Train Service Tray***

Foam Ramps

NOCH Ramps are made of a very flexible yet sturdy foam material that can effortlessly be adapted to your rail plan. NOCH Ramps are available in different heights and lengths. If you have enough space, we recommend that you always select the long version with the lower gradient. The low version is for layouts operating without the use of a catenary system.



HO **99356** ***Ramp with embankment***
single track, 4 % grade, 260 cm x 5.5 cm, 10 cm high

HO **99358** ***Ramp without embankment***
single track, 8 % grade, 115 cm x 5.2 cm, 8 cm high

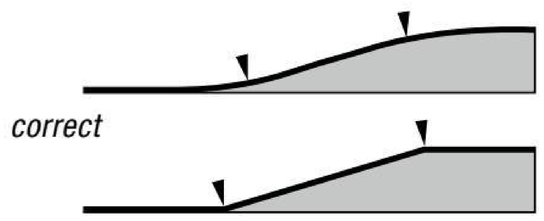
HO **99359** ***Ramp without embankment***
single track, 6 % grade, 175 cm x 5.2 cm, 9 cm high

HO **99360** ***Ramp without embankment***
single track, 7 % grade, 60 cm x 6 cm, 4 cm high

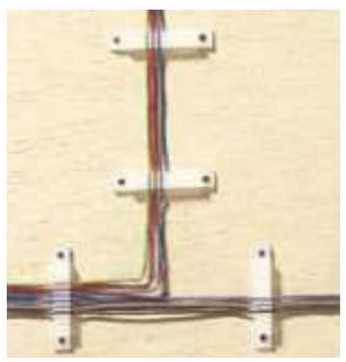
N **99348** ***Ramp without embankment***
single track, 3.5 % grade, 135 cm x 3.8 cm, 4.5 cm high



The illustration shows an H0 scale ramp with an embankment (rear) and an N scale ramp without an embankment (front).

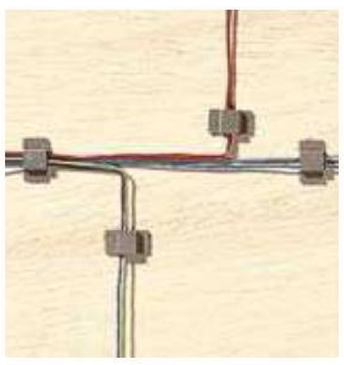


Cable Ties and Mounting Clips



60160 ***Cable Ties***
10 clamping strips for each 12 cables, simply stick or nail under the layout and click the cables into the clamps





60180 ***Mounting Clips***
20 pieces, simply stick or nail under the layout and pull the cable through the clip



G 1 O HO TT N Z

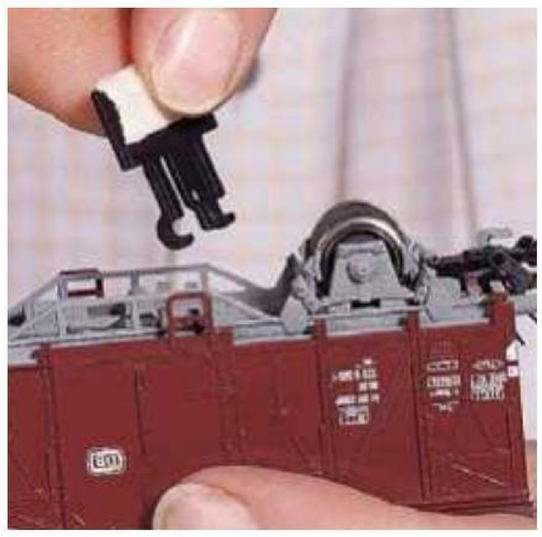
Little Helpers, Great Effect!

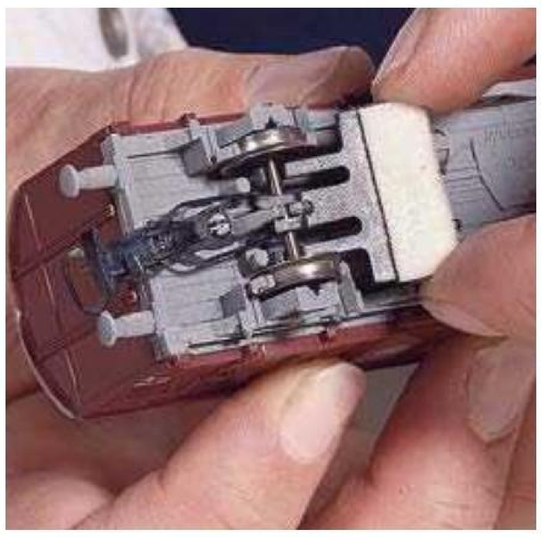
Track Cleaners

Track cleaners an ingenious invention for cleaning model railway tracks are available in H0, TT, N scales and also for H0 US cars. And using them is so easy:

- *the track cleaners consist of a robust plastic frame with a brush-like cleaning surface that effectively removes dirt on the tracks.*
- *the cleaners are simply clipped onto the axles of a car and they immediately start cleaning the rails in both directions while in normal driving mode, seemingly by chance!*
- *the H0 Track Cleaners are suitable for H0 two-axle carriages from Märklin®, Fleischmann®, Roco®, PIKO® and TRIX® (max. axle diameter 2.0 mm). They can be used for two-axle carriages of all makes (max. axle diameter 1.4 mm) in TT and N scales.*
- *the H0 US Track Cleaners are suitable for US cars (max. axle diameter 3.0 mm).*
- *the track cleaners are suitable for both AC and DC.*
- *the track cleaner should only be replaced when the cleaning surface is heavily soiled.*













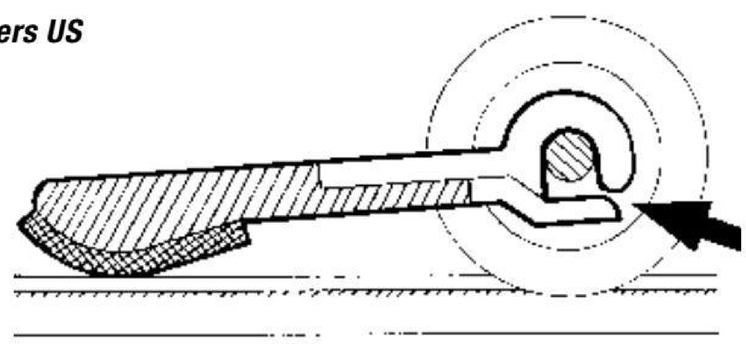


H0 ***60157*** ***Track Cleaners***
5 pieces

TT ***60159*** ***Track Cleaners***
5 pieces

N ***60158*** ***Track Cleaners***
5 pieces

H0 ***60156*** ***Track Cleaners US***
5 pieces







Cleaning Block

With the NOCH Cleaning Block, impurities on the tracks like oil, sticky dust or traces of oxidation, can be easily »erased«.

60140 ***Cleaning Block***

Leserwettbewerb
der Modellbahn Illustrierten

Modell des Jahres 2017

in der Kategorie

Ausgestaltungselemente

1. Platz:
H0 NOCH/Roco • Ravenna-Viadukt

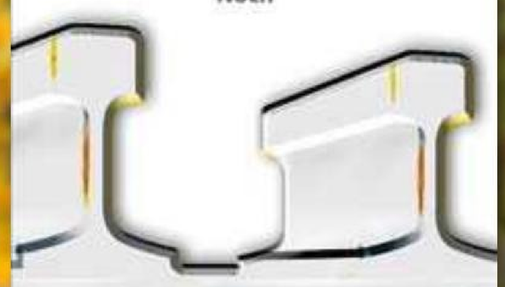


Modellbahn

Produkt des Jahres

3. Platz
Zubehör H0

Ravenna-Viadukt
Noch



Goldenes Gleis 2018

Leserwahl der Zeitschriften

VGB Eisenbahn Journal MIBA Züge Modell Eisenbahner

True Works of Art in Miniature

NOCH Bridges boost the attractiveness of every model railway layout. They are also very versatile; for example, for traversing inclines, rivers and valleys. Our assortment of bridges comprises three very different kinds of model railway bridges:

- *Laser-Cut Bridges*
- *Ready-made Structured Hard Foam Stone Bridges*
- *Assembly kits of classic Steel Bridges, made of plastic.*

Made in Germany

G 1 0 H0 TT N Z

Bridges and Viaducts

Laser-Cut Bridges – from page 50

- *Made of a special, high-grade laser-cut cardboard*
- *Extremely delicately lasered details, such as rivets in a steel construction*
- *The adhesive required for assembly is included in the kits*

Structured Hard Foam Stone Bridges – from page 55

- *Ready-made models with an extremely realistic surface texture*
- *Made of high-grade structured hard foam*
- *Easy to work with (cut, saw, file)*

Plastic Bridges – page 61

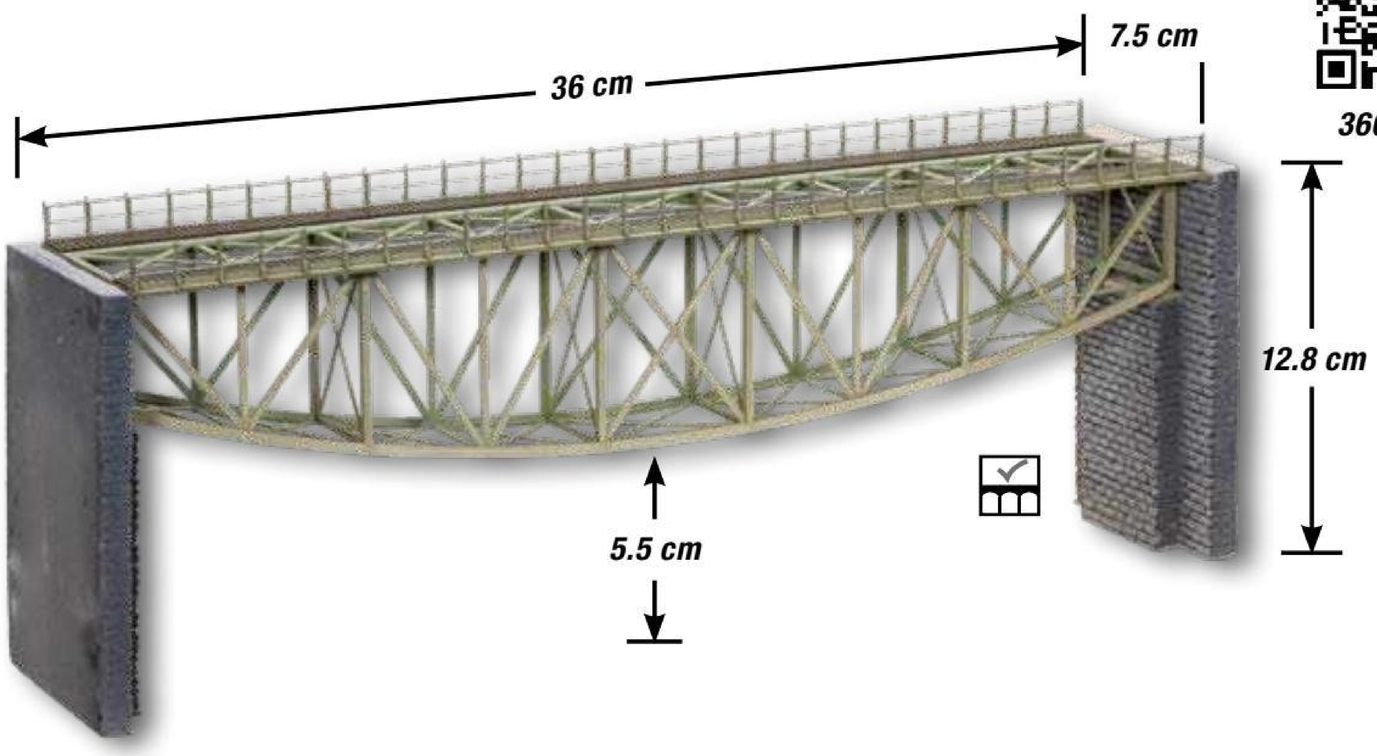
- *Reasonably-priced plastic modelling kits*
- *Easy to build*
- *Various steel bridges*



Laser-Cut Bridge Kits

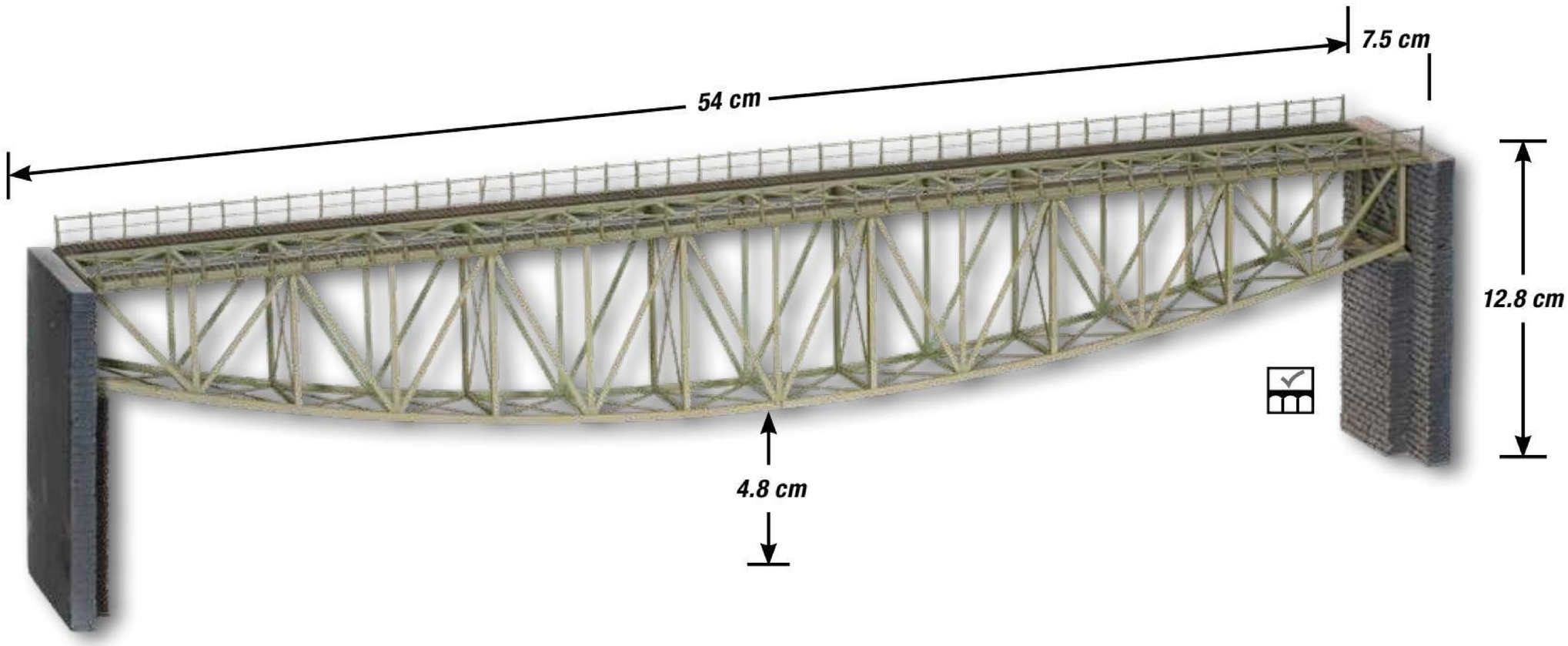
NOCH Laser-Cut Bridges are not only beautiful but also stable. The statics of the delicately lasered parts follows the same rules as for their larger counterparts. This results in small steel construction works of art that are perfectly suited to your model landscape.





360° view

H0 **67027** ***Fishbelly Bridge***
with bridgeheads

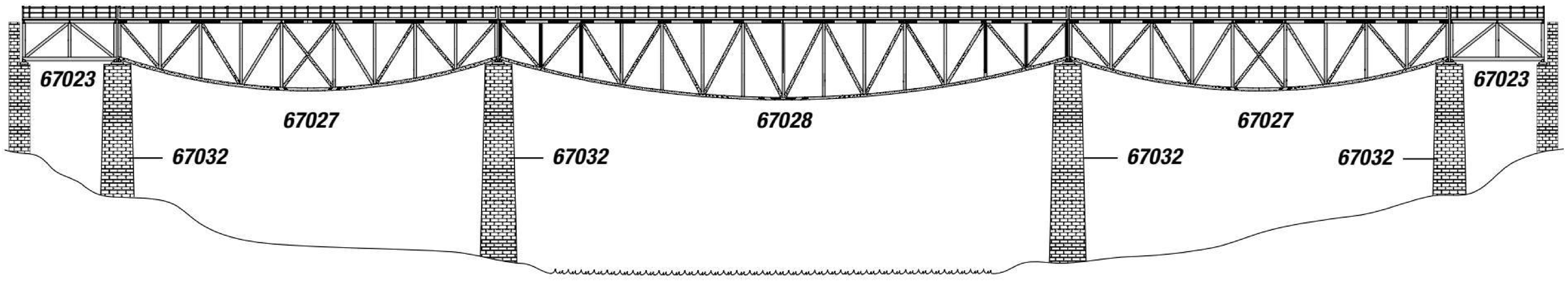


360° view

H0 **67028** ***Fishbelly Bridge***
with bridgeheads

Note: *the bridges on this page are designed for single-track railways. For double-track train systems, two bridges can be installed side by side.*

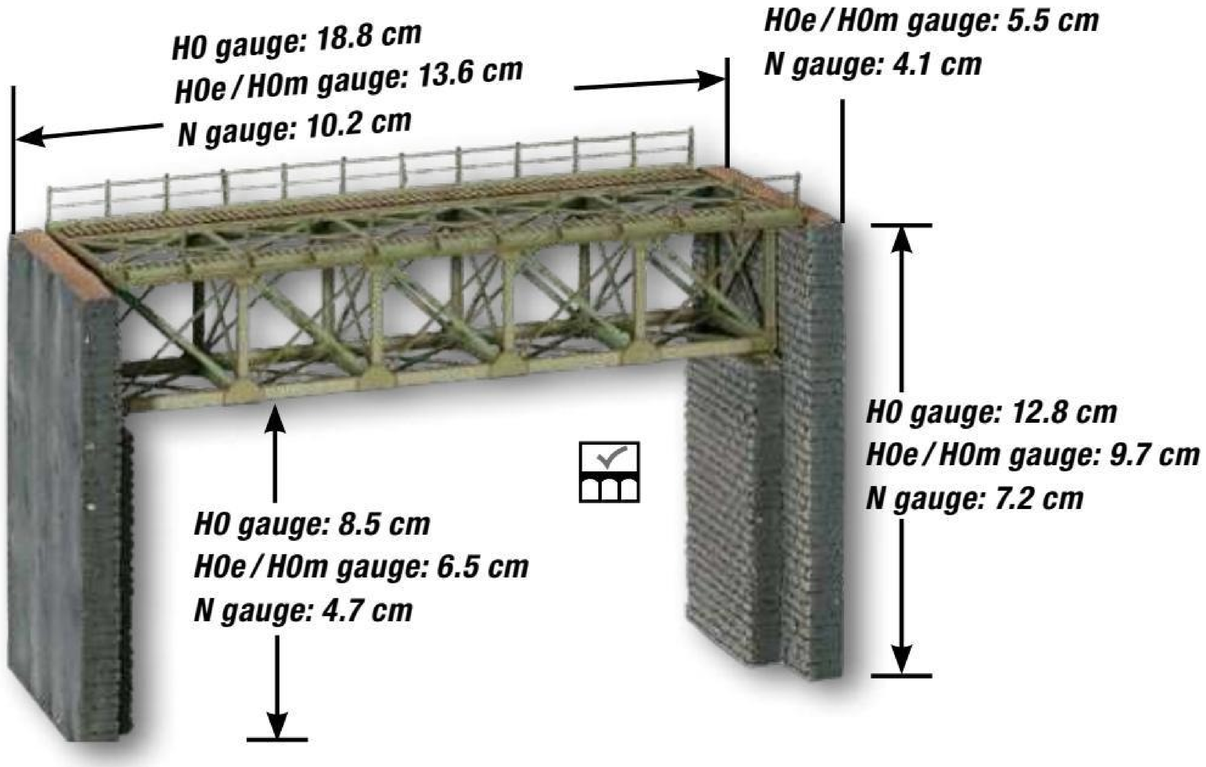
All bridgeheads on this page can be extended with walls from the »Stone Wall PROFI-plus« series (see page 64). All laser-cut kits on this double page come with Laser-Cut Special Adhesive.



Suggestion for assembly: *Fishbelly Bridges with Approach Bridges and Bridge Piers (total length: 144 cm)*

G 1 O **H0** TT N Z

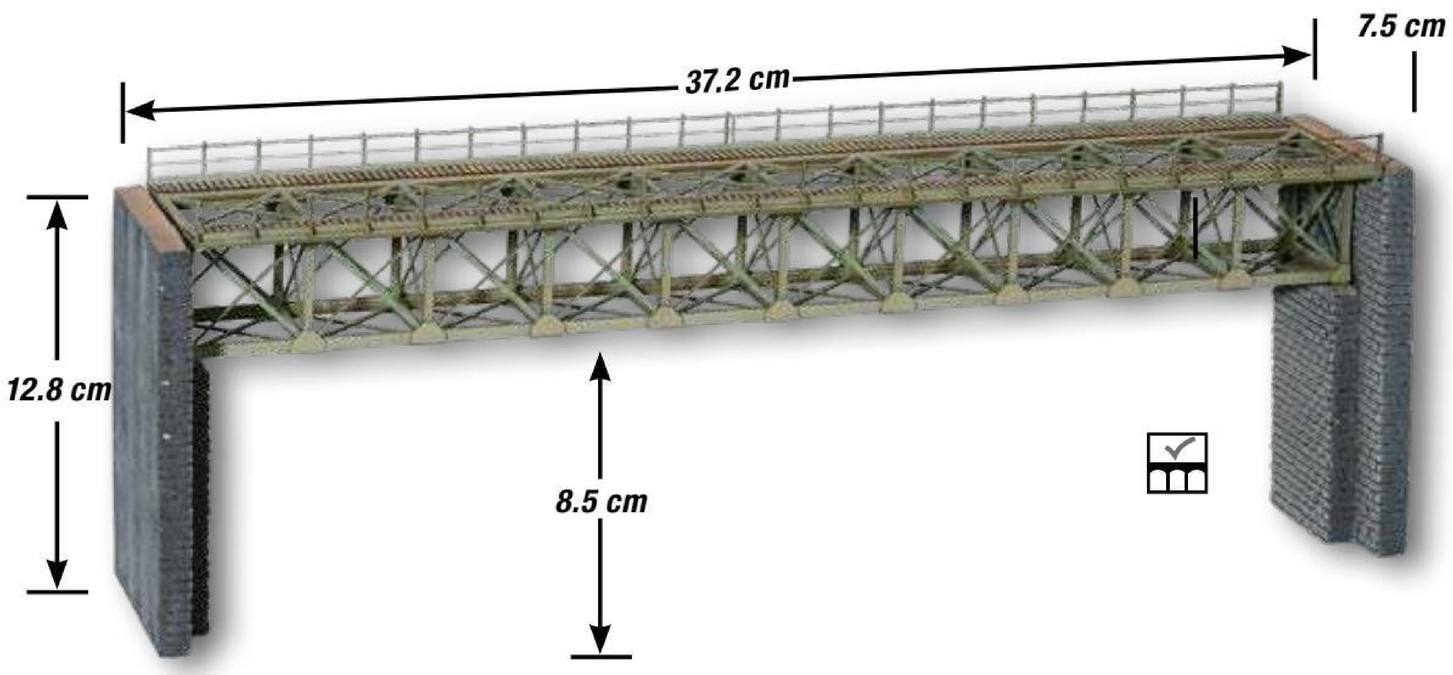




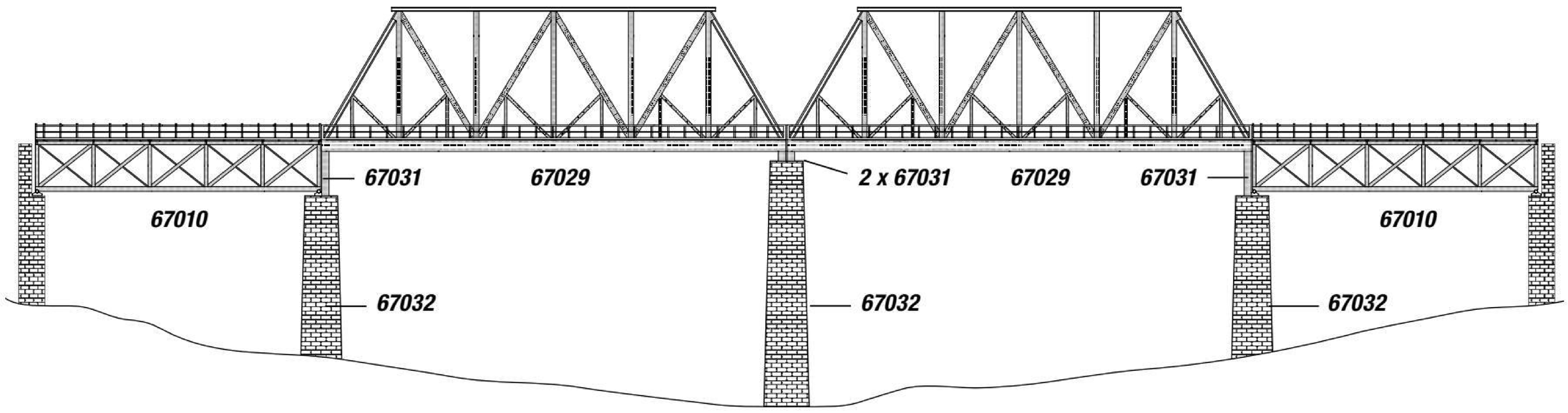
H0 **67010** ***Steel Bridge***
with bridgeheads
This bridge cannot be combined with other Laser-Cut bridges.

N **62810** ***Steel Bridge***
with bridgeheads
This bridge cannot be combined with other Laser-Cut bridges.

H0e H0m **67038** ***Steel Bridge***
with bridgeheads
This bridge cannot be combined with other Laser-Cut bridges.

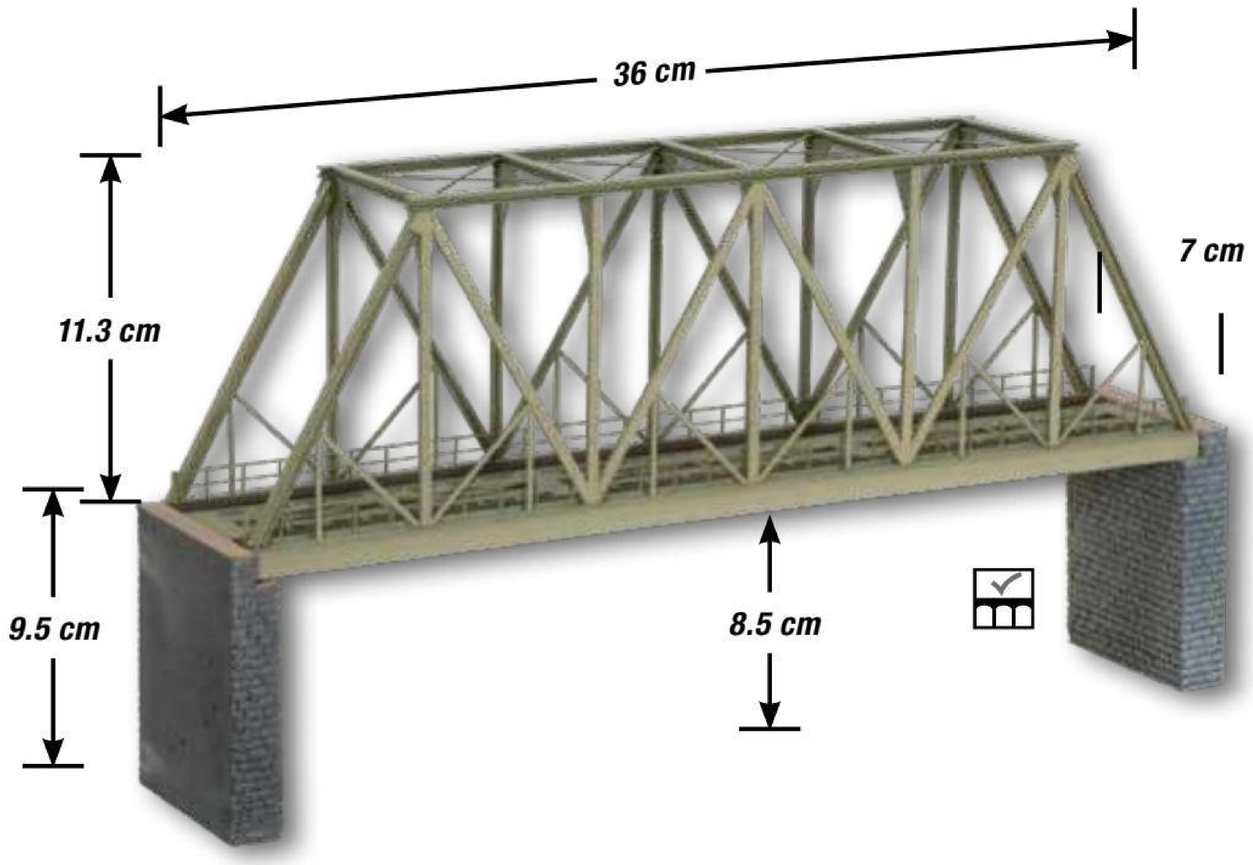


H0 **67020** ***Steel Bridge***
with bridgeheads



Suggestion for assembly: *Box-Girder Bridges with Steel Bridges, Bridge Piers and Adapter Pieces (total length: 109.6 cm)*

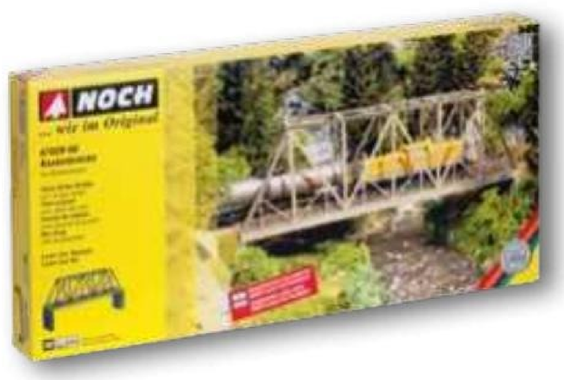




360° view

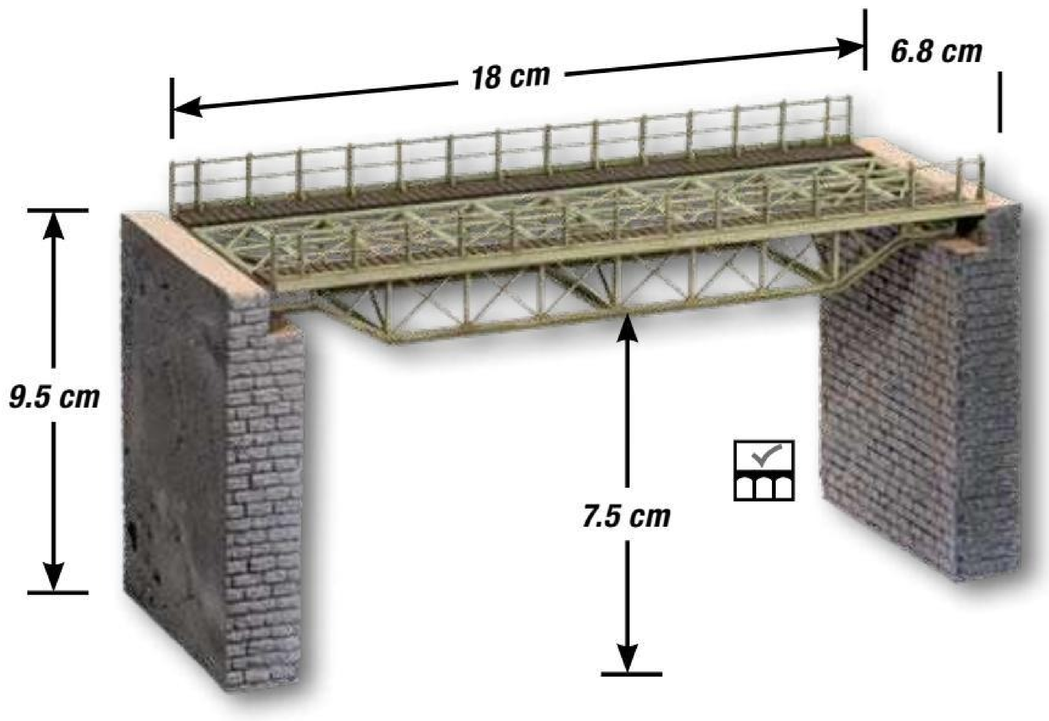
Info Tip:
NOCH Laser-Cut System Bridges

NOCH's System Bridges range can be identified by this symbol, which is found on the packaging. You will find further information about the NOCH Laser-Cut Bridge Kit System on page 53.



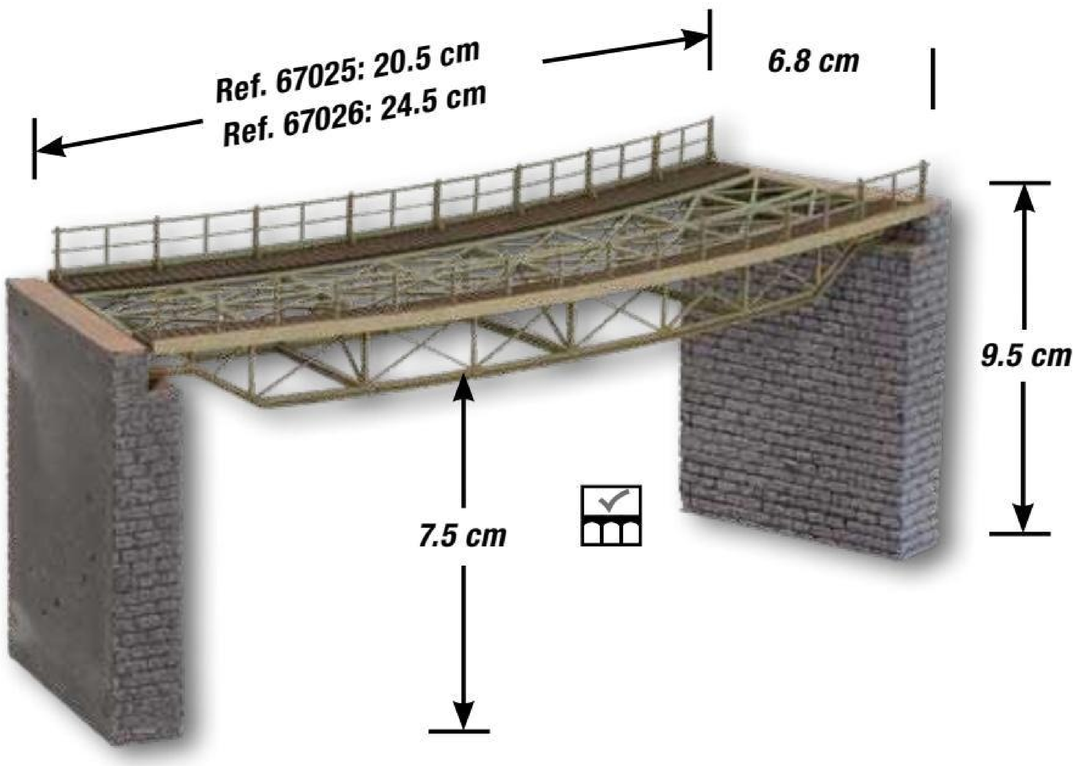
H0 **67029** ***Truss Girder Bridge***
with bridgeheads

360° view



H0 **67024** ***Bridge Deck, straight***
with bridgeheads

360° view



H0 **67025** ***Bridge Deck, curved***
with bridgeheads, radius (R1) 360 mm

H0 **67026** ***Bridge Deck, curved***
with bridgeheads, radius (R2) 437 mm

Note: *the bridges on this page are designed for single-track railways. For double-track train systems, two bridges can be installed side by side.*

All bridgeheads on this page can be extended with walls from the »Stone Wall PROFI-plus« series (see page 64). All laser-cut kits on this double page come with Laser-Cut Special Adhesive.



Combination of Fishbelly Bridge (67028), two Truss Approach Bridges (67023) and two Bridge Piers (67032). (The Bridge Piers shown here are samples from a pilot series.)

H0 Laser-Cut Bridge Kit System

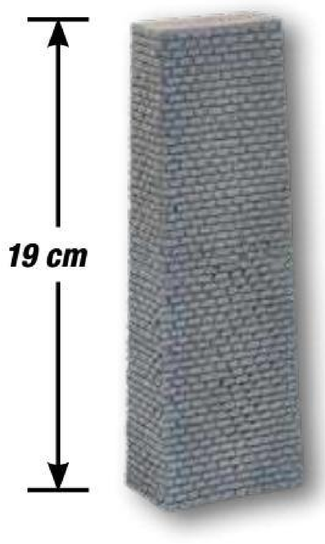
The bridge system developed by NOCH combines the product advantages of laser-cut and hard foam parts.
Most of the H0 gauge bridge kits shown on the previous pages can be combined with each other, so as to join outstanding bridge constructions together.
For example, you can combine the Fishbelly Bridges with the short Approach Bridges, install several Box Girder Bridges one behind the other or use the Bridge Decks to create an attractive ramp.
In order to combine several bridges, the Bridge Pier (ref. 67032) is required. This is made of hard foam and thus can be cut very easily with a handsaw, for instance to the appropriate height. When it comes to combining and designing bridges, your imagination knows no bounds, as many of the pre-existing Laser-Cut Bridges in the NOCH range are also compatible with the system.
For example, the Steel Bridge (ref. 67010) can be used as an approach bridge. Bridge Pier Adapter Pieces (ref. 67031) are required to combine certain bridges (see below).

***Note:** you will need the »bridgeheads for bridges with beams« if you would like to combine the Approach Bridge (ref. 67023) and a bridge without beams (e.g. ref. 67024, 67025, 67026, 67029), to install the whole construction to the right and left of the landscape.*

360° view



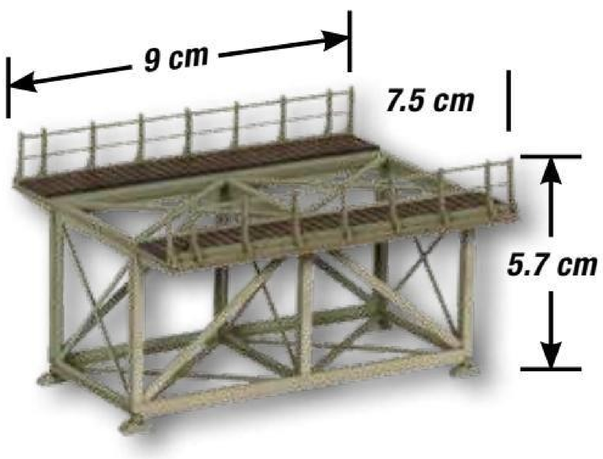
H0 67034 ***2 Bridge Piers***
for bridges with beam



H0 67032 ***Bridge Pier***



H0 67031 ***Bridge Pier Adapter Piece***



H0 67023 ***Truss Approach Bridge***
without bridgeheads, single track. For double track routes, two models can be combined side by side.

Adapter pieces (ref. 67031) required for combining the bridges.									
	67010	**67020**	**67023**	**67024**	**67025**	**67026**	**67027**	**67028**	**67029**
67010	●	●	●	1	1	1	●	●	1
67020	●	●	●	1	1	1	●	●	1
67023	●	●	●	1	1	1	●	●	1
67024	1	1	1	●	●	●	1	1	2
67025	1	1	1	●	●	●	1	1	2
67026	1	1	1	●	●	●	1	1	2
67027	●	●	●	1	1	1	●	●	1
67028	●	●	●	1	1	1	●	●	1
67029	1	1	1	2	2	2	1	1	2

● = can be combined without bridge pier adapter piece

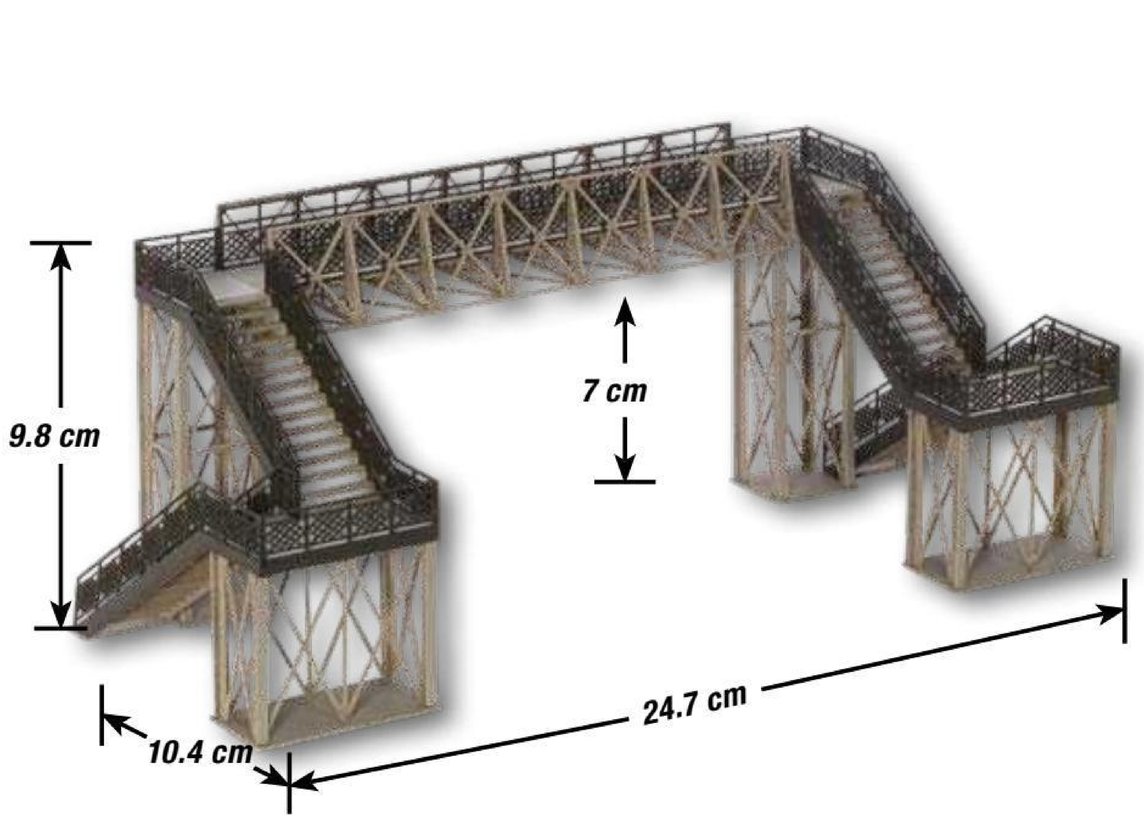
Combine!
The adapter piece is needed to combine bridges with and without beams and/or of different widths and bridge piers. It can be built in four different versions.
You can easily find out how many adapter pieces are needed for the relevant combination of two bridges from the table.



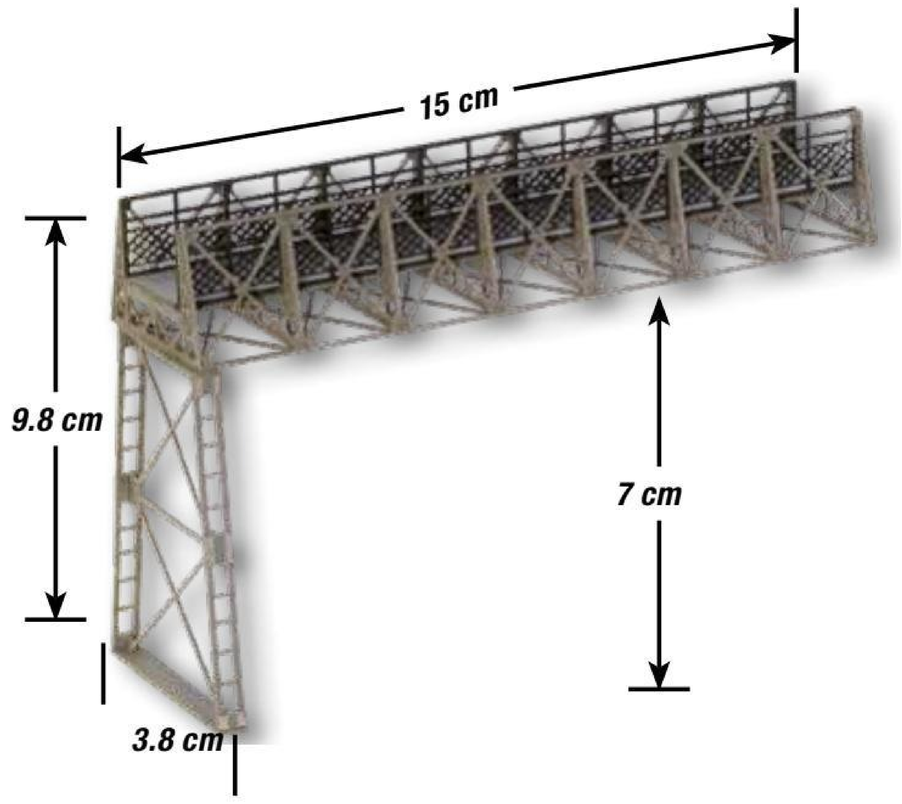
Laser-Cut Pedestrian Crosswalk Kit

This filigreed Pedestrian Crosswalk is based on the legendary »Eschersteg,« which was a listed structure in Ravensburg, Southern Germany. The modelling kit's extremely detailed finish is due to the perfect execution of laser cutting technology, which enables, for example, the finest railings to be produced.

Conventional plastic injection moulding cannot rival the high-quality representation of such details. The basic Pedestrian Crosswalk Kit spans up to two tracks. It can, however, be extended as desired and is therefore also suitable for use in larger train station areas.
Includes special adhesive.



H0 **67070** ***Crosswalk variable***
basic kit



H0 **67071** ***Crosswalk variable***
extension kit





360° view

G 1 0 **H0** TT N Z

Realism at its Most Beautiful

Structured Hard Foam Stone Bridges

The NOCH Hard Foam Bridges presented on the following pages are manufactured in Wangen / Allgäu, in Southern Germany. The base is a special dual-component foam, which is poured into elaborately manufactured moulds. This unique production process realistically displays the finest structures in the model.
To give the models a perfect finish and a natural effect, all Hard Foam Bridges shown on the following pages are treated in our in-house paint shop. If, for example, you would like to combine Quarrystone Bridges with walls or tunnels, we recommend that you use the NOCH Hard Foam Series »Quarrystone Walls,« which can be found on page 67 of the catalogue. The stones in the Wall Plates and Tunnel Portals are an ideal match for the coarse structure of the Quarrystone Viaducts.



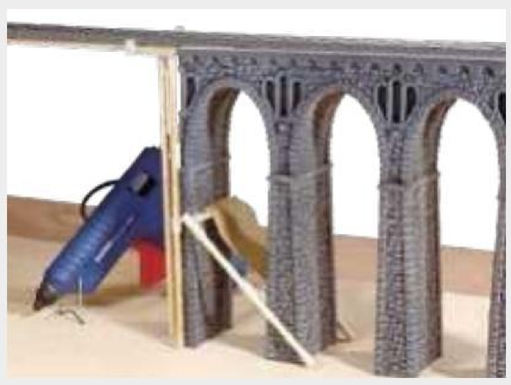
Craft Tip:
Building bridges

The straight Quarrystone Viaduct (see page 58), the curved Quarrystone Viaduct (page 59) and the Rhône Viaduct (page 59) are made to fit together perfectly. In the picture above, for example, you can see an impressive combination of three curved Quarrystone Viaducts (90° bend) and a straight Quarrystone Viaduct. Bridge elements can be connected with any adhesive (including solvent-based).

If necessary, you can shorten the bridges or bridgeheads with a craft knife or fine saw. The finishing touches can be taken care of with sandpaper or a file. The Hard Foam Series »Quarrystone Walls« (page 67) has the same rocky structure as the bridge models made of structured hard foam shown here. Use the products in this series to construct walls and tunnels that are suitable for the bridges.



The bridge pier is shortened.



Mounting the bridge, attaching to the bridgehead.



Extending the bridge by attaching a second viaduct.



An impressive structure – consisting of three curved Quarrystone Viaducts (= 90° bend) and a straight Quarrystone Viaduct.

Bridging Deep Valleys!

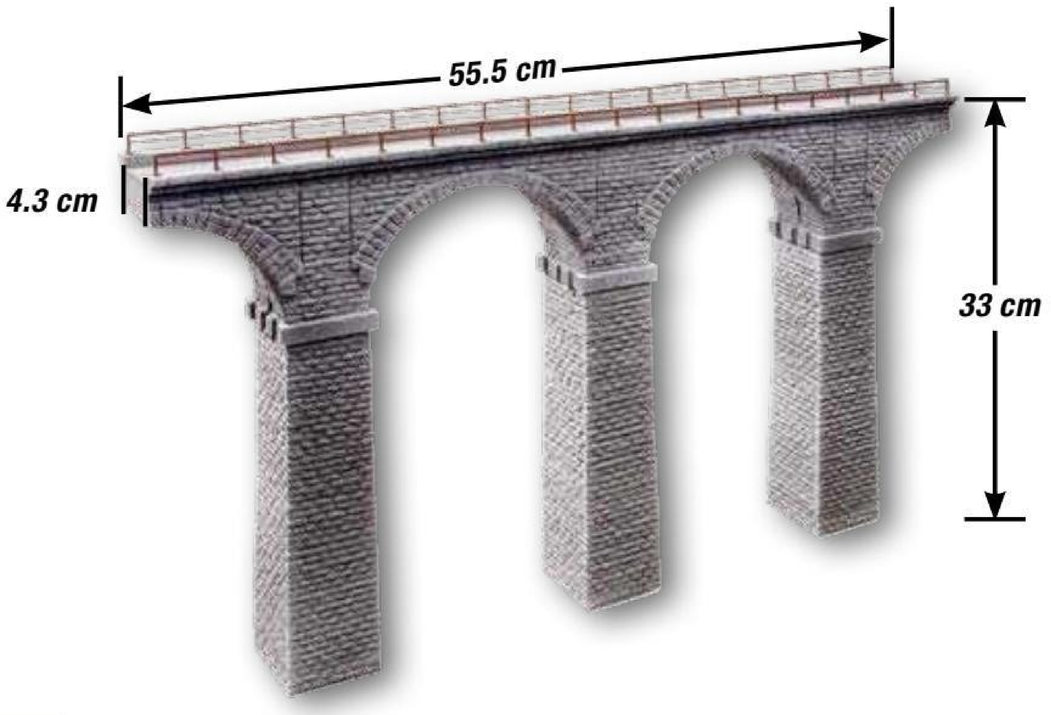
Structured Hard Foam Ravenna Viaduct

The Ravenna Viaduct in Höllental in the Black Forest is certainly one of the most imposing railway bridges in existence! The original viaduct with nine arches and an arch width of 20 metres was built between 1926 and 1928. The model of this unique bridge construction has a modular design so that the railway modeller can adapt it to the conditions of his landscape. The Viaduct (ref. 58675) consists of a bridge with three bridge piers. To extend the viaduct and simplify installation, both the Bridge Arch (ref. 58677) and the Bridge Pier (ref. 58676) are available separately. Since the entire bridge construction is made of the popular NOCH Structured Hard Foam, handling and customising is very simple: NOCH Structured Hard Foam is stable, yet lightweight and can be worked on and shaped with a craft knife, saw, file and sandpaper.

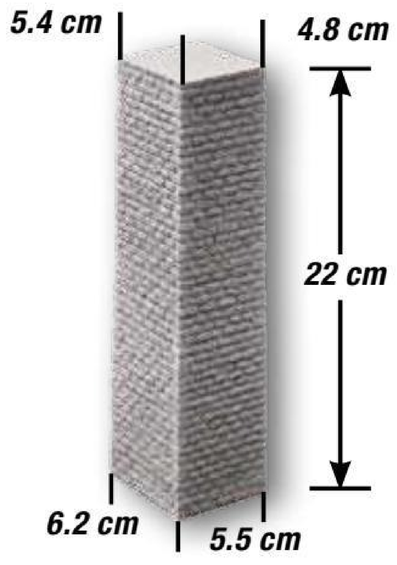




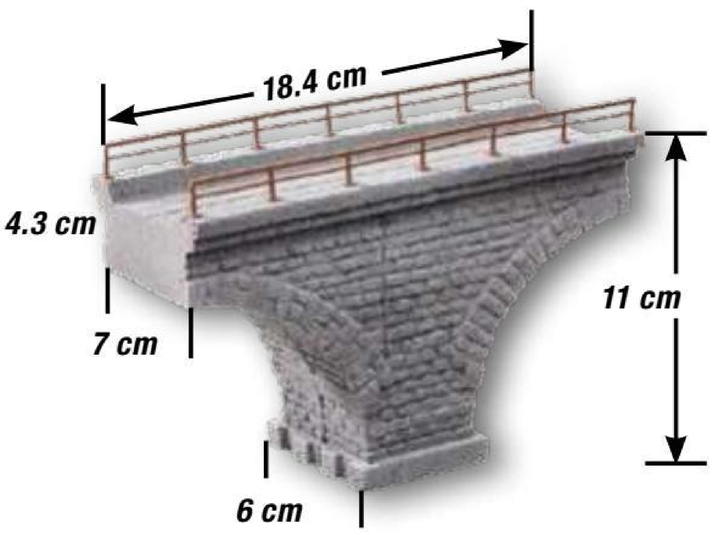
G 1 O **HO** TT N Z



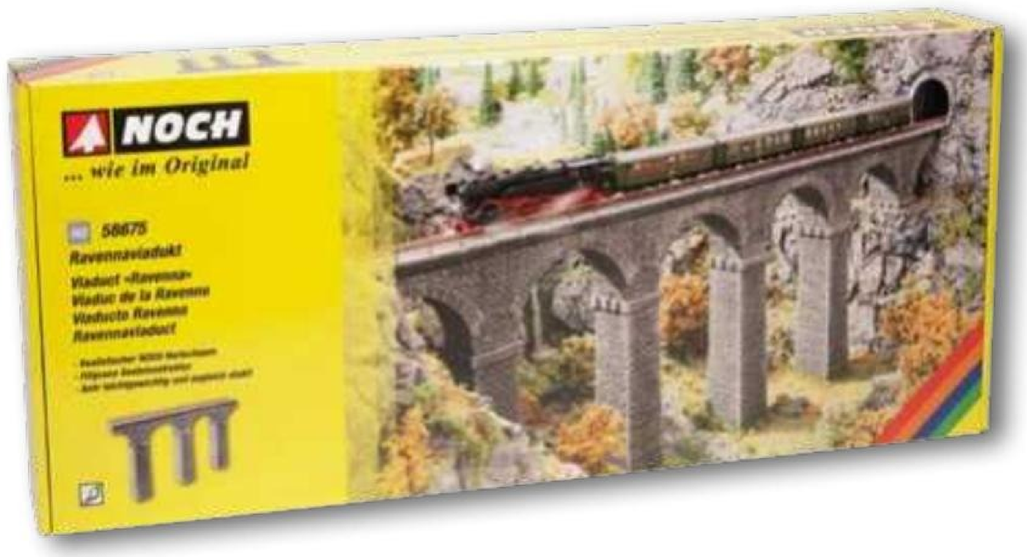
H0 **58675** ***Ravenna Viaduct***
ready-made Structured Hard Foam Bridge Model



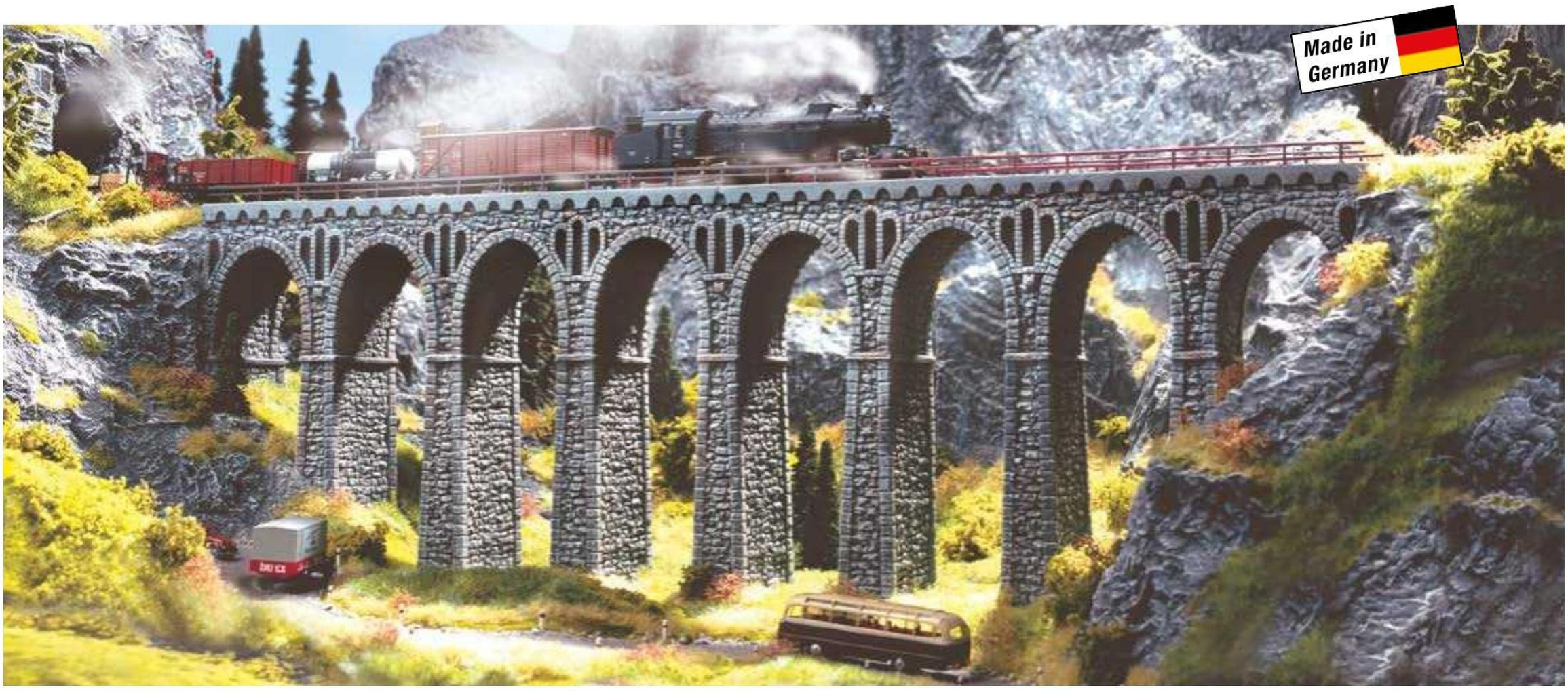
H0 **58676** ***Ravenna Viaduct Bridge Pier***



H0 **58677** ***Ravenna Viaduct Bridge Arch***



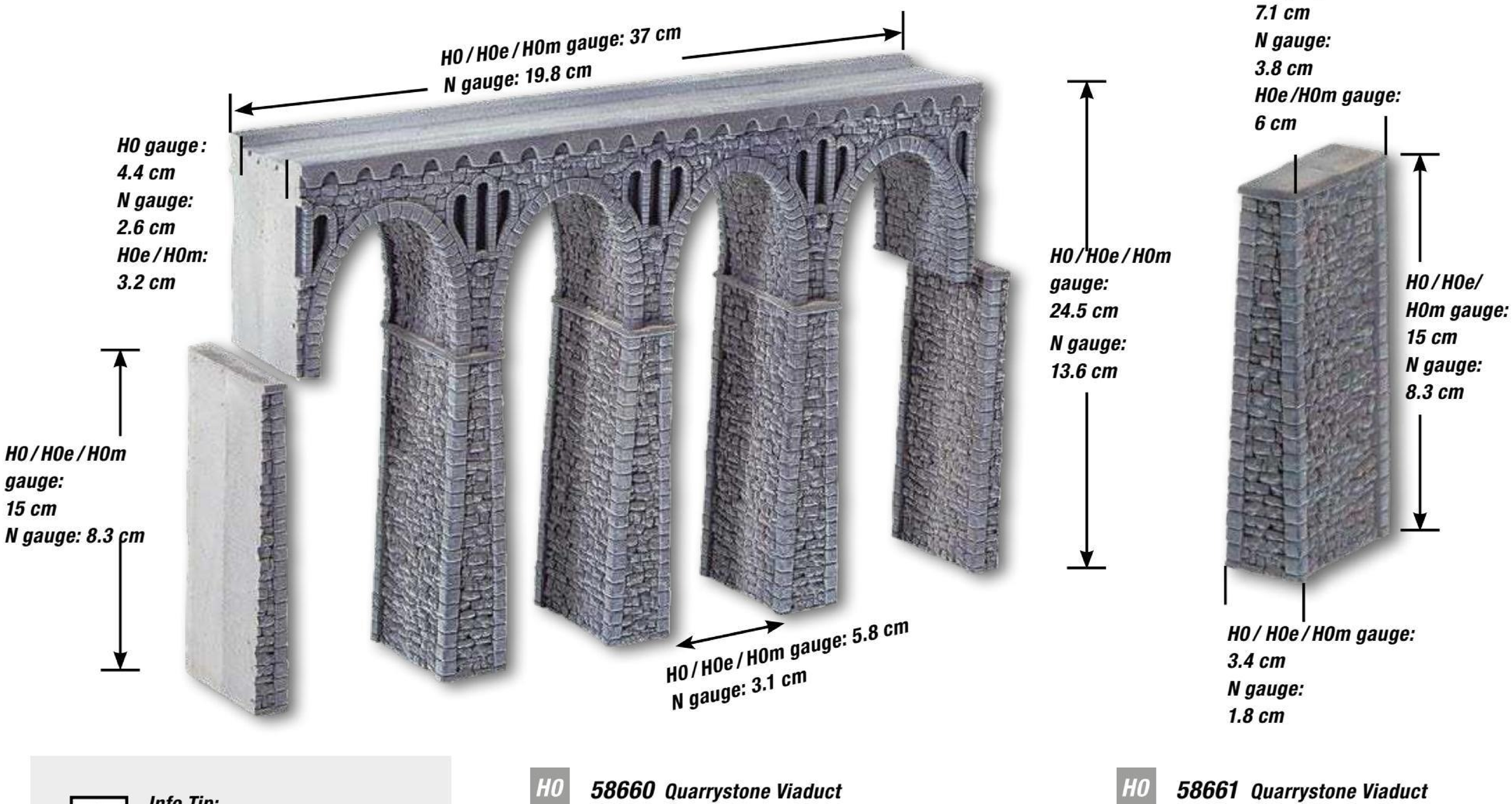
Colours, combinations and forms are subject to change without prior notice.



Straight Quarrystone Viaduct

The Quarrystone Viaduct is an eye-catcher for your model railway layout. To build particularly long and imposing bridge structures, straight and curved Quarrystone Viaducts can be combined as desired. Combinations with the Rhône Viaduct are also possible. In the Quarrystone Viaduct pack, you will find the viaduct and the material you need to make a matching bridgehead.

***Note:** the H0 Quarrystone Viaduct is compatible with all H0 track systems, including MÄRKLIN® C track. The H0e/H0m Quarrystone Viaduct is compatible with all narrow-gauge track systems. The N Quarrystone Viaduct is compatible with all N track systems, including N gauge KATO® Unitrack.*



Info Tip:
Building viaducts

Combine the Quarrystone Viaduct in your model landscape with walls or tunnels from the NOCH Hard Foam Series »Quarrystone Walls.« The stones in the Wall Plates and Tunnel Portals are an ideal match for the structure of the Quarrystone Viaducts. You will find the items in this series on page 67 of this catalogue.

H0 **58660** ***Quarrystone Viaduct***
ready-made Structured Hard Foam Bridge Model

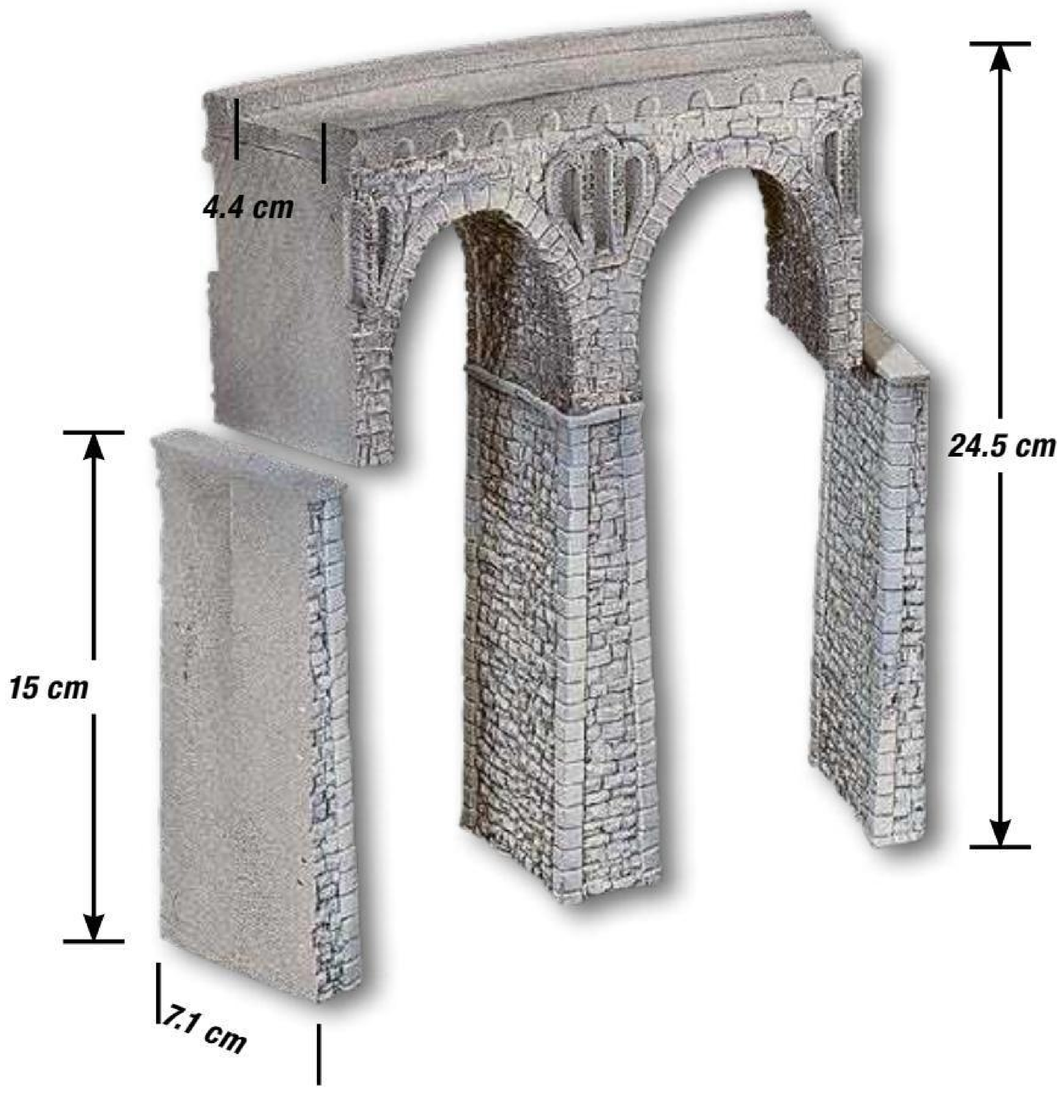
H0 **58661** ***Quarrystone Viaduct Bridge Pier***

N **34860** ***Quarrystone Viaduct***
ready-made Structured Hard Foam Bridge Model

N **34861** ***Quarrystone Viaduct Bridge Piers***

H0e H0m **58668** ***Quarrystone Viaduct***
ready-made Structured Hard Foam Bridge Model

H0e H0m **58669** ***Quarrystone Viaduct Bridge Pier***



Curved Quarrystone Viaduct

The Curved Quarrystone Viaduct makes it possible to construct impressive bridges. Two standard radii are available: R1 (360 mm, 30°) and R2 (437.5 mm, 30°). Put together, six curved Quarrystone Viaducts form a semicircle. The curved Quarrystone Viaducts can naturally be combined with the straight Quarrystone Viaducts, as well as the Rhône Viaduct.

Note: *the curved Quarrystone Viaduct is compatible with all H0 track systems, including MÄRKLIN® C track.*



H0 **58664** ***Quarrystone Viaduct, curved***
radius (R1) 360 mm, 30°

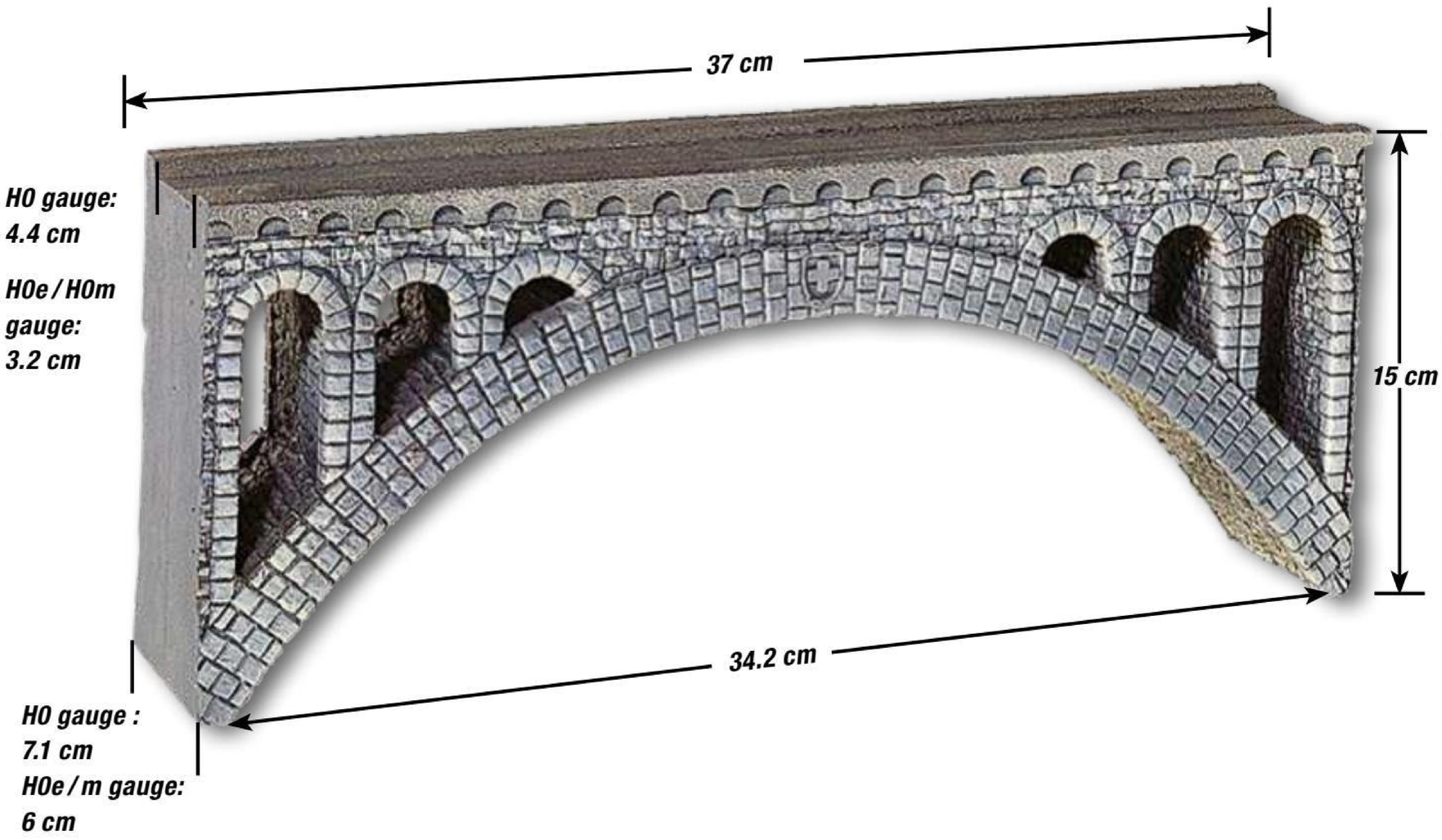
H0 **58665** ***Quarrystone Viaduct, curved***
radius (R2) 437.5 mm, 30°



Rhône Viaduct

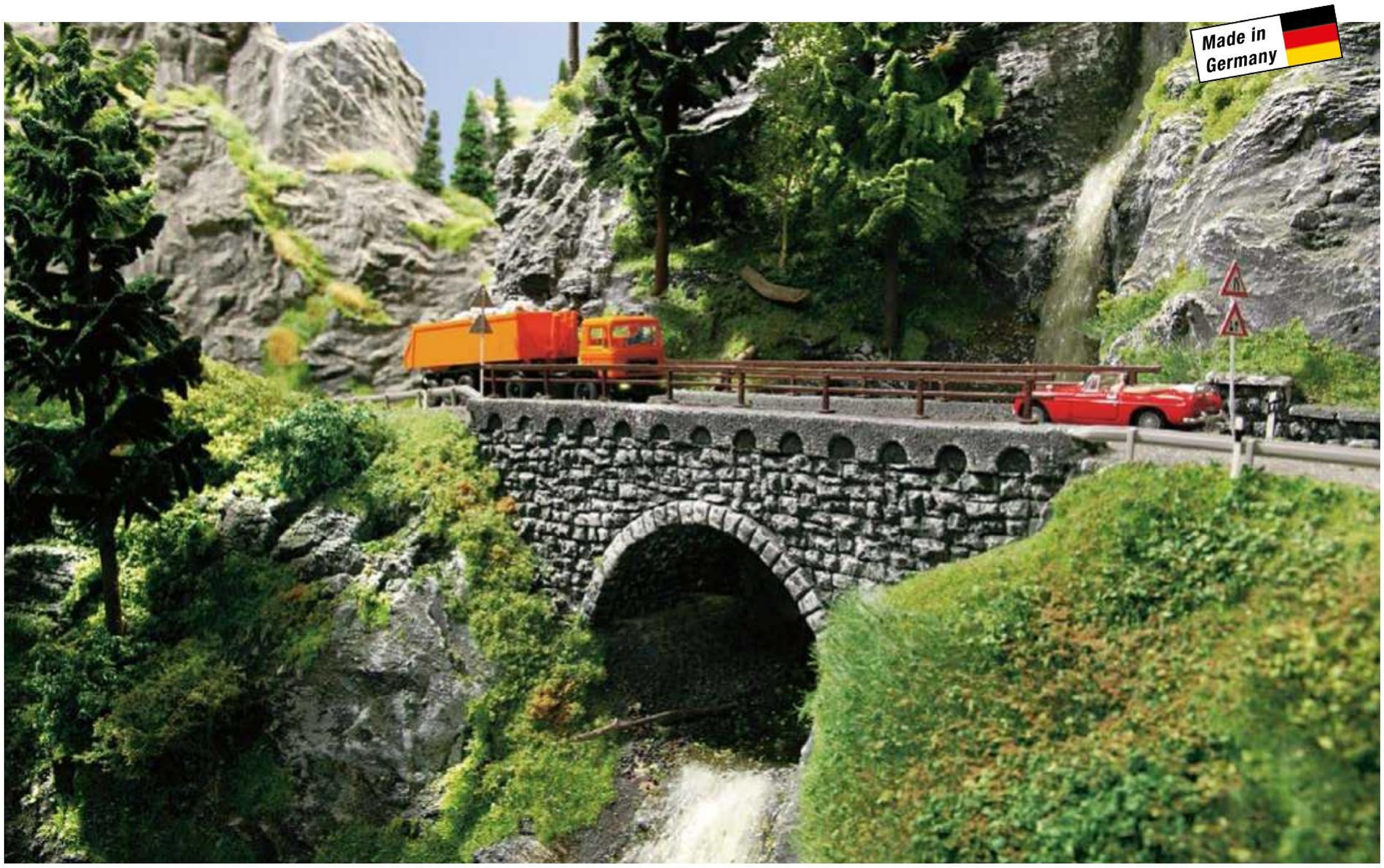
The Rhône Viaduct is an impressive ready-made bridge model with a length of 37 cm. It can even elegantly span the bigger valleys. Of course, the H0 Rhône Viaduct is a perfect fit with the H0 straight or curved Quarrystone Viaduct. In the picture above, you can see an H0 straight Quarrystone Viaduct (ref. 58660) that has been split in two parts. The Rhône Viaduct has been inserted in the middle, between the two halves.

Note: *the H0 Rhône Viaduct is compatible with all H0 track systems, including MÄRKLIN® C track.*



H0 **58670** ***Rhône Viaduct***
ready-made Structured Hard Foam Bridge Model

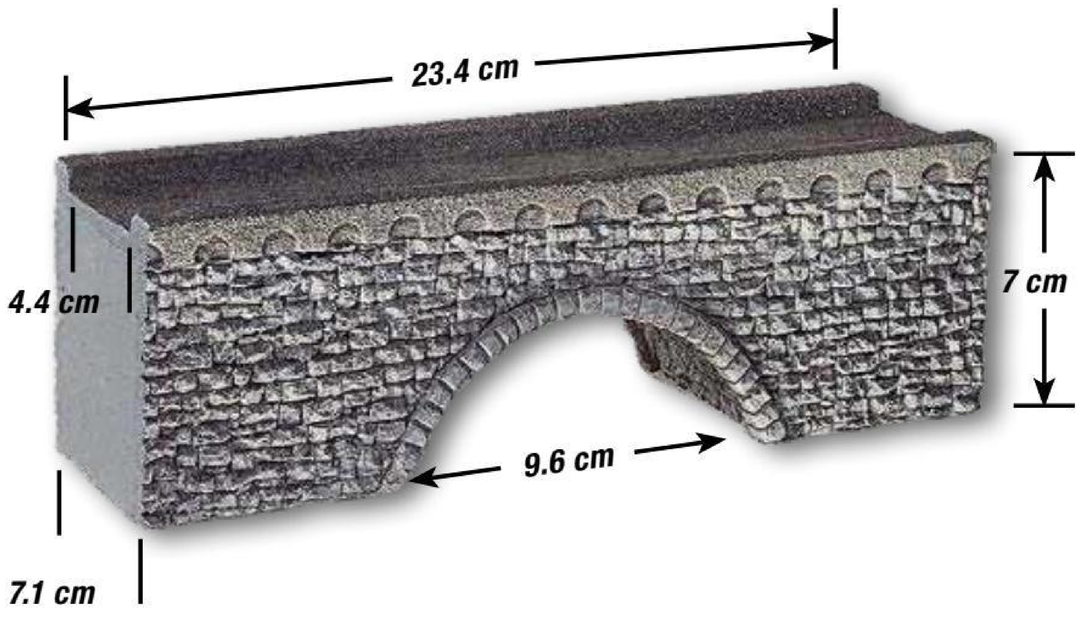
H0e H0m **58671** ***Rhône Viaduct***
ready-made Structured Hard Foam Bridge Model



Achtobel Bridge

The Achtobel Bridge is a high-quality ready-made bridge model made of structured hard foam. The bridge can be employed as a small railway bridge (suitable for all H0 track systems including MÄRKLIN® C track) as well as a road bridge.

The Hard Foam Series »Quarrystone Walls« (page 67) has the same rocky structure as the H0 Quarrystone Viaduct and the H0 Rhône Viaduct. You can use the products in this series to create bridges and walls that match these bridges.





H0 **58690** ***Achtobel Bridge***
Ready-made Structured Hard Foam Bridge Model

Bridge Piers

In order to combine NOCH Plastic Bridges, it is best to use a Double Bridge Pier or Pontoon Pier. You can either screw or glue the pier to the bridge and base.



H0 **21410** ***Pontoon Piers***
to plug together
5 pieces, each 0.5 cm high

H0 **21400** ***Pontoon Piers***
to plug together
5 pieces, each 3 cm high



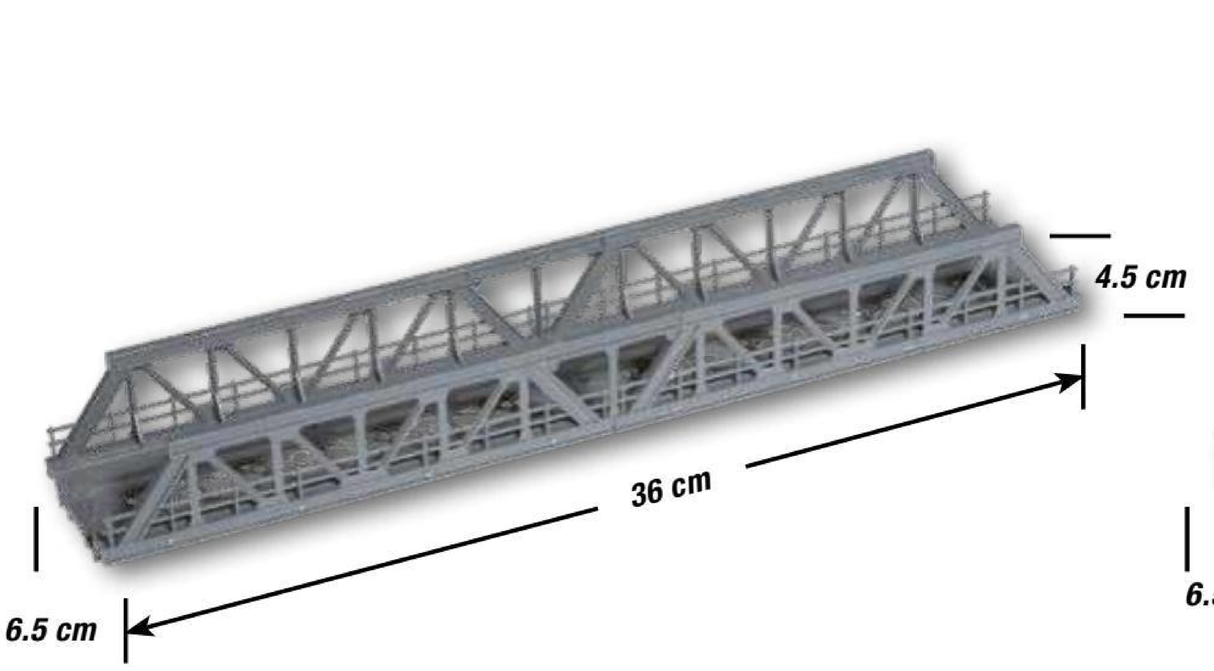
H0 **21420** ***Double Bridge Pier***
for NOCH bridges
2 pieces, each 9.4 cm high
is shortenable



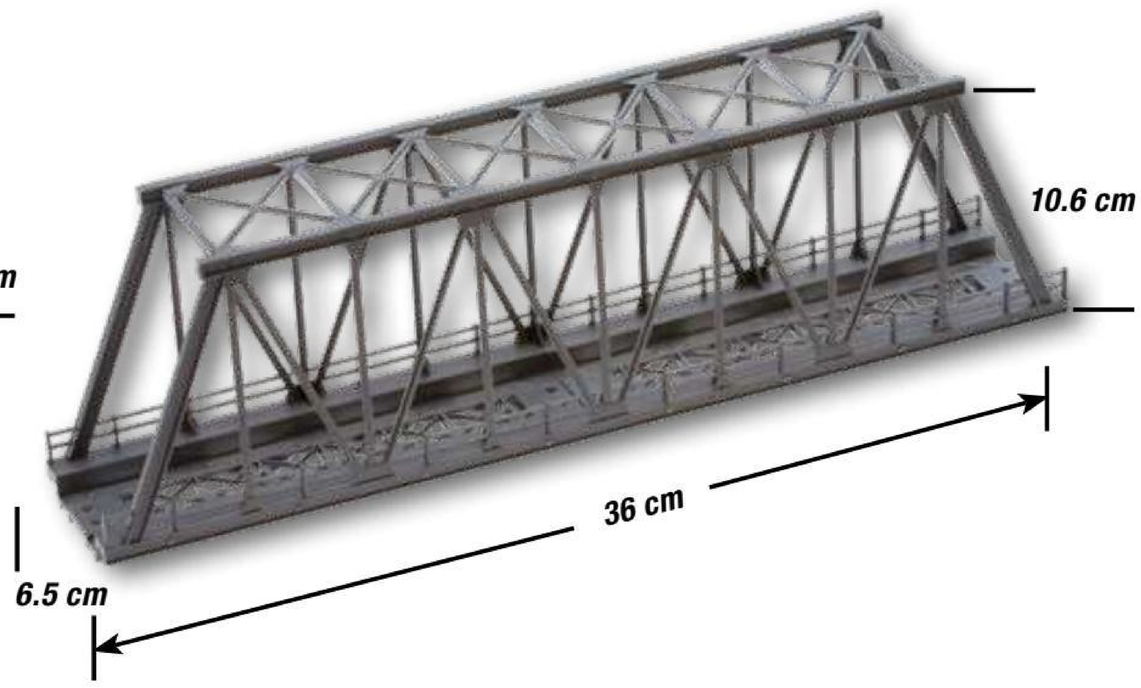
Steel Bridges

With NOCH Steel Bridges we offer you a complete range of bridges for H0 gauge, which fit all the common track systems including the Märklin® C track. The plastic bridges look deceptively real, display great attention to detail and are easy to build.

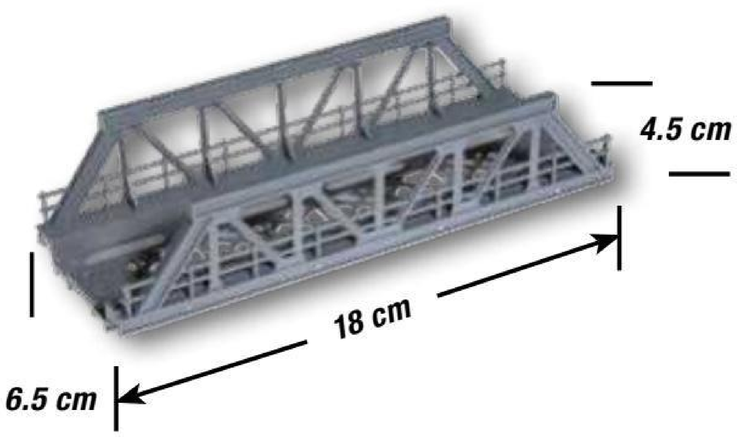
Best value!



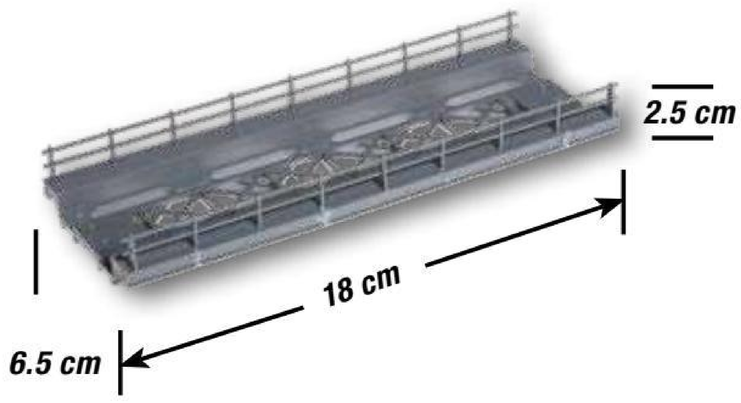
H0 **21310** ***Girder Bridge***
bridge kit, plug-in elements



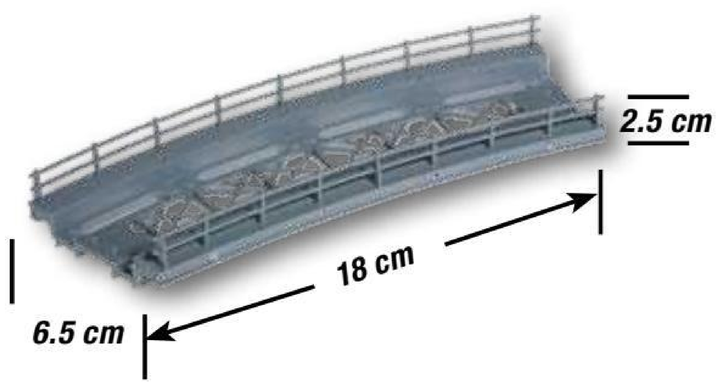
H0 **21320** ***Box-Girder Bridge***
with lateral bracing, bridge kit, plug-in elements



H0 **21330** ***Approach Bridge***
bridge Kit, plug-in elements



H0 **21340** ***Bridge Base Straight***
bridge Kit, plug-in elements



H0 **21350** ***Bridge Base Curved***
radius 360 mm
bridge Kit, plug-in elements

Just Like the Original

Whether it's a big city station or a marshalling yard, an ICE main line or a branch line, matching walls, arcades and portals to their surroundings characterises the face of a railway landscape in real life as well as in your model layout. NOCH offers an incomparably large selection of various materials: from plastic and embossed cardboard to 3D Structured Foil or 3D Cardboard Sheets.

1 G 0 HO TT N Z



Portals, Walls and Arcades

Structured Hard Foam – from page 64
- *Light, sturdy and self-supporting*
- *Very realistic, three-dimensional surfaces*
- *Hand-painted and weathered, easy to work with*

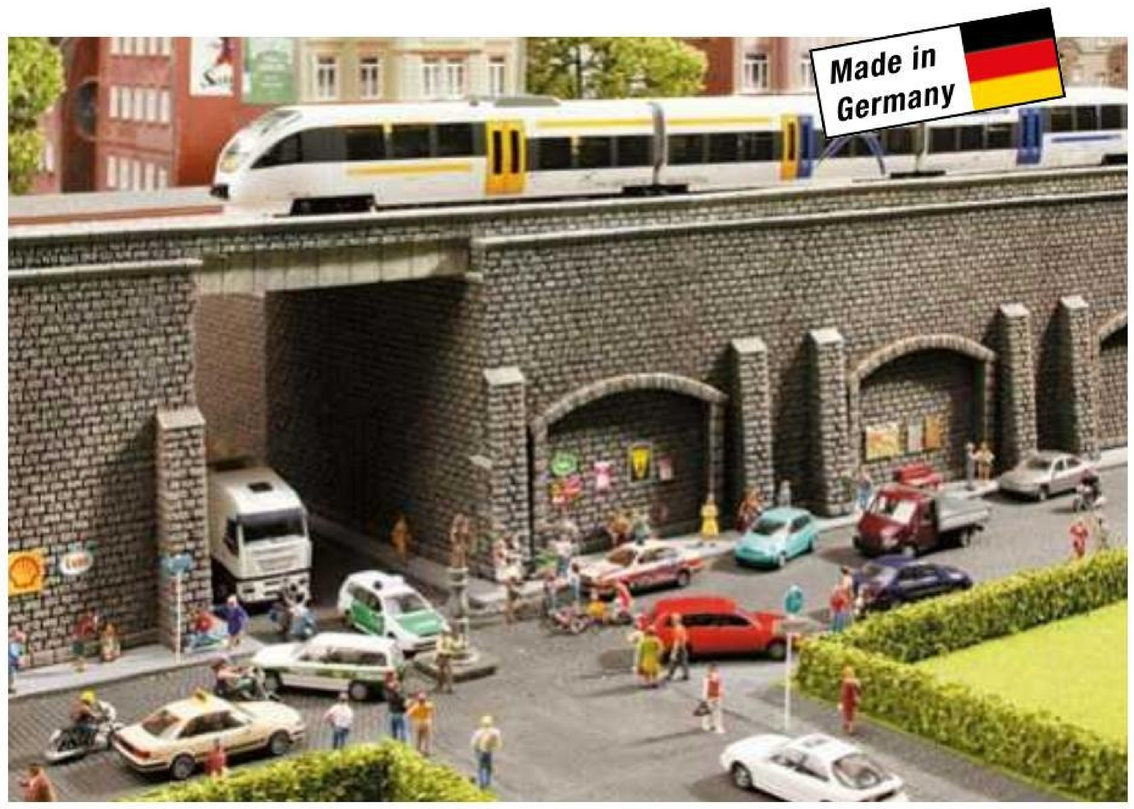
Plastic Portals – page 71
- *Realistic surfaces*
- *Sturdy*
- *Reasonably priced*

Embossed Cardboard Wall Sheets – from page 71
- *Realistic surfaces*
- *Very easy to work with*
- *Reasonably priced*

3D Structured Textures and 3D Cardboard Sheets – from page 72
- *Realistic*
- *Flexible*
- *Very easy to work with*

»Stone Wall PROFI-plus« Hard Foam Series

The »Stone Wall PROFI-plus« series is a highlight of any realistic display of walls and portals. The detailed surface structure, the three-dimensional design and the many small details like wall finishes, ledges or drainpipes, make every wall an eye-catcher on your layout.



Bestseller!



H0 **58051** ***Tunnel Portal***
single track
13.5 cm x 12.5 cm

TT **48051** ***Tunnel Portal***
single track
10 cm x 10 cm

N **34851** ***Tunnel Portal***
single track
7.9 cm x 7.6 cm



H0 **58052** ***Tunnel Portal***
double track
21 cm x 14 cm

TT **48052** ***Tunnel Portal***
double track
16 cm x 10.5 cm

N **34852** ***Tunnel Portal***
double track
12.3 cm x 8.5 cm



H0 **58054** ***Wall***
33.4 cm x 12.5 cm

TT **48054** ***Wall***
25.8 cm x 9.8 cm

N **34854** ***Wall***
19.8 cm x 7.4 cm

H0 **58055** ***Wall***
extra long
66.8 cm x 12.5 cm

TT **48055** ***Wall***
extra long
51.6 cm x 9.8 cm

N **34855** ***Wall***
extra long
39.6 cm x 7.4 cm



H0 **58056** ***Retaining Wall***
33.4 cm x 12.5 cm

TT **48056** ***Retaining Wall***
25.8 cm x 9.8 cm

N **34856** ***Retaining Wall***
19.8 cm x 7.4 cm

H0 **58057** ***Retaining Wall***
extra long, 66.8 cm x 12.5 cm

TT **48057** ***Retaining Wall***
extra long, 51.6 cm x 9.8 cm

N **34857** ***Retaining Wall***
extra long, 39.6 cm x 7.4 cm



H0 **58058** ***Arcade Wall***
33.4 cm x 12.5 cm

TT **48058** ***Arcade Wall***
25.8 cm x 9.8 cm

N **34858** ***Arcade Wall***
19.8 cm x 7.4 cm

H0 **58059** ***Arcade Wall***
extra long, 66.8 cm x 12.5 cm

TT **48059** ***Arcade Wall***
extra long, 51.6 cm x 9.8 cm

N **34859** ***Arcade Wall***
extra long, 39.6 cm x 7.4 cm

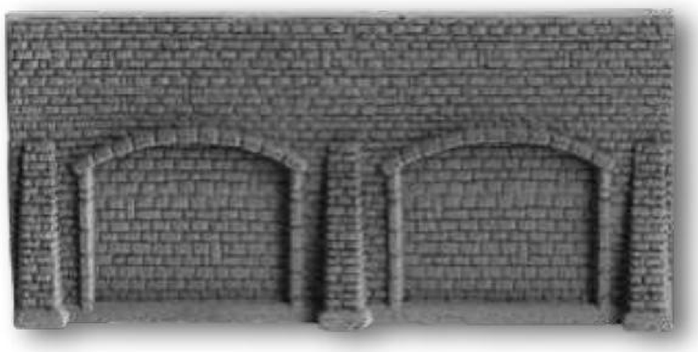




Z **44810** ***Tunnel Portal***
single track
6.5 cm x 6 cm



Z **44820** ***Tunnel Portal***
double track
8.5 cm x 6.5 cm



Z **44920** ***Arcade Wall***
13 cm x 7 cm

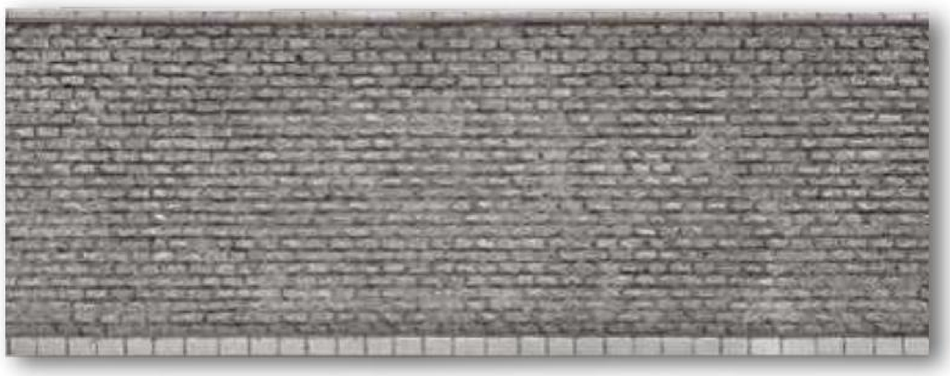
1 G 0 HO TT N Z



»Granite Wall« Hard Foam Series

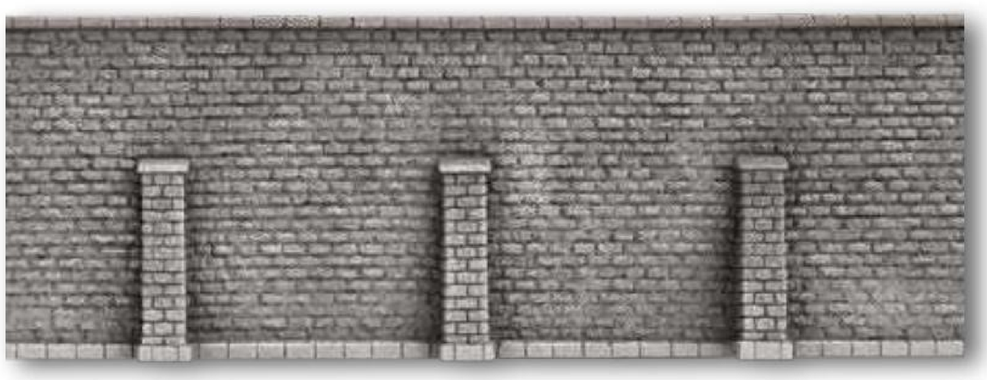
Our modelling artist has come up with something extra special for this stone wall: the roughly hewn granite stone is skilfully staged here. The filigree details, such as turrets, battlements and friezes, put the portals in the limelight of your model railway layout, making them absolute show stoppers.

The same stone is used in the Ravenna Viaduct (ref. 58675), so you can use the walls in this series to create matching bridgeheads. Incidentally, the stone is also big enough for 0 gauge walls!



0 HO **58272** **Wall**
33 cm x 12.5 cm

0 HO **58273** **Wall**
extra long, 66 cm x 12.5 cm



0 HO **58274** **Retaining Wall**
33 cm x 12.5 cm

0 HO **58275** **Retaining Wall**
extra long, 66 cm x 12.5 cm



0 HO **58276** **Arcade Wall**
33 cm x 12.5 cm

0 HO **58277** **Arcade Wall**
extra long, 66 cm x 12.5 cm

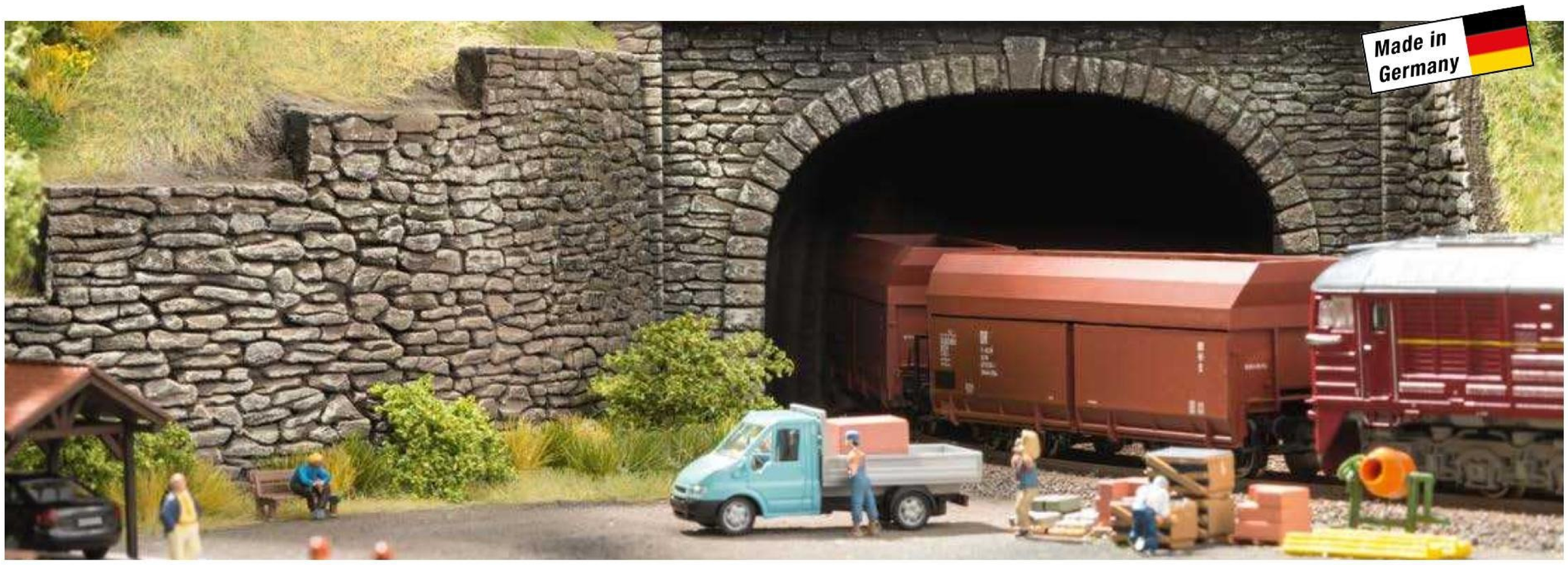


HO **58270** **Tunnel Portal**
single track
16 cm x 15.2 cm



HO **58271** **Tunnel Portal**
double track
21.5 cm x 17.5 cm

Product Highlights:
- *Great design with countless filigree details*
- *Lightweight*
- *Sturdy*
- *Easy to work on*
- *Solvent-resistant*
- *Perfectly fits the Ravenna Viaduct (ref. 58675), page 56*



»Natural Stone Wall« Hard Foam Series

Natural stone walls are very common, especially in rural areas. Walls, arcades and portals are elaborately built with the help of stones that are regionally milled.

The »Natural Stone Wall« Hard Foam Series delights with its extremely realistic stone structure and the multidimensional design of many details, such as ledges or protrusions. The portals are suitable for catenary operation.





HO **58061** ***Tunnel Portal***
single track, 15 cm x 12.5 cm



HO **58064** ***Wall***
33 cm x 12.5 cm

HO **58065** ***Wall***
extra long, 66 cm x 12.5 cm



HO **58062** ***Tunnel Portal***
double track, 22 cm x 13 cm



HO **58066** ***Retaining Wall***
33 cm x 12.5 cm

HO **58067** ***Retaining Wall***
extra long, 66 cm x 12.5 cm

Craft Tip:
Advantages of NOCH Hard Foam Walls and Portals

Hard foam is a very versatile and lightweight material with a super realistic surface. It is very easy to cut and carve with a saw or a craft knife. You can heat up the material with the help of a heat gun and shape it through careful bending. Hard foam pieces can be attached with hot-melt adhesive or contact glue.

Once they have been installed in the landscape, you can decorate the portals and walls in the desired colour with NOCH Acrylic Sprays and Acrylic Paints.

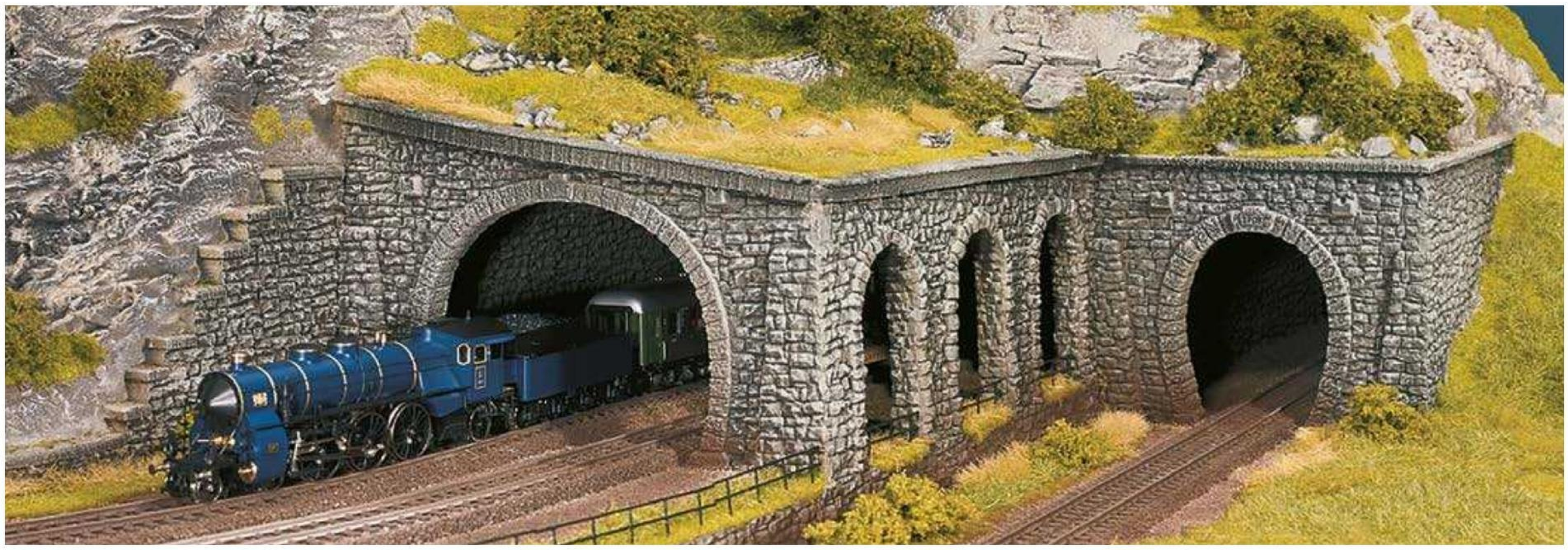








1 G 0 HO TT N Z



»Quarrystone Wall« Hard Foam Series

Stone on stone: the »Quarrystone Wall« Hard Foam Series creates a convincing impression with its extremely realistic stone structure. The products in this series have the same stone structure as almost all the viaducts and bridges on pages 58 to 59 in this catalogue. The items in this series therefore lend themselves well to building tunnel entrances or barriers in the immediate vicinity of NOCH Structured Hard Foam Bridges.



H0 **58247** ***Tunnel Portal***
single track, 23.5 cm x 13 cm

N **34937** ***Tunnel Portal***
single track, 16 cm x 9 cm

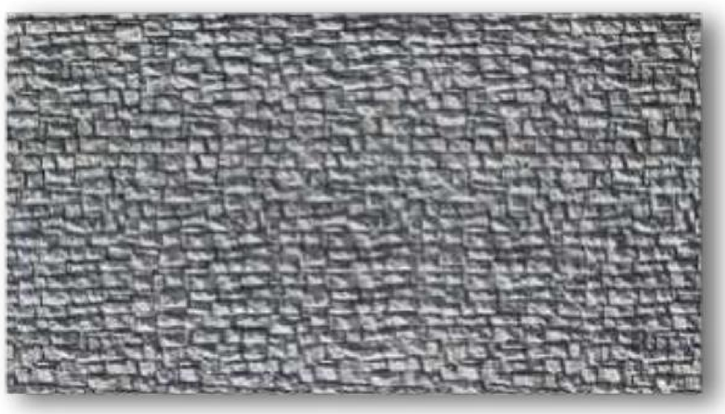


H0 **58248** ***Tunnel Portal***
double track, 23.5 cm x 13 cm

N **34938** ***Tunnel Portal***
double track, 16 cm x 9 cm



H0 **58300** ***Underpass***
14 cm x 10 cm



H0 **58250** ***Wall***
23.5 cm x 12.5 cm

H0 **58255** ***Wall***
extra long 65 cm x 12.5 cm

N **34940** ***Wall***
16 cm x 9 cm



H0 **58260** ***Arcade Wall***
open, 27 cm x 10 cm

N **34942** ***Arcade Wall***
open, 19 cm x 9 cm



Note: *most of the NOCH Structured Hard Foam Bridges (see from page 55) have the same stone structure as the »Quarrystone Wall« Series shown here. Therefore, the Hard Foam Bridges and »Quarrystone Wall« Hard Foam Series can be perfectly combined. Today, there are still many rock portals along mountain railway lines.*



Matching Hard Foam Accessories

Stairs Set

Realistic stairs made of hard foam. This kit consists of two staircases (left- and right-ascending) as well as a flat »Steps« piece for building individual steps. The wall structure corresponds to the Hard Foam Series »Stone Wall PROFI-plus«.

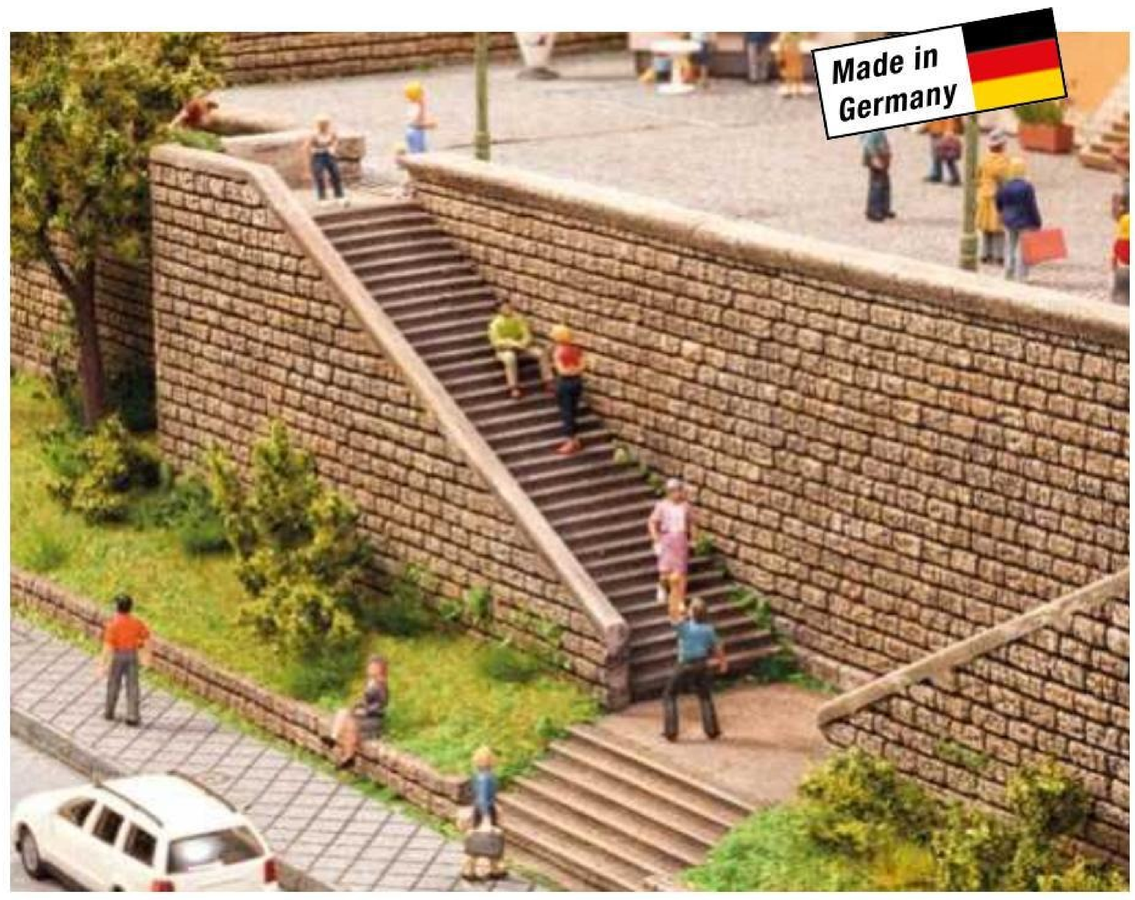
Dimensions of staircases: *14.5 cm x 3.3 cm, 6.6 cm high. Length and height can be individually shortened.*

Dimensions of »Steps« piece: *15 cm x 4.5 cm, can be individually shortened.*





HO **58303** ***Stairs Set***
left- and righthand ascending
3 pieces



Signal Base and Signal Niche

Masoned Hard Foam Signal Base. Suitable for signals with underfloor compact drive.

Applications: *railway embankment, individually adjustable for sloped areas.*







HO **58304** ***Signal Base***
2 pieces, 5 cm x 3.7 cm, 3 cm high
size of installation surface:
3.3 cm x 3.1 cm

N **34304** ***Signal Base***
2 pieces, 2.7 cm x 2.1 cm, 1.6 cm high
size of installation surface:
2 cm x 1.7 cm

Masoned Hard Foam Signal Niche. Suitable for signals with underfloor compact drive.

Applications: *ascending terrain next to the track. Angle of gradient individually adjustable.*



HO **58306** ***Signal Niche***
2 pieces, 5 cm x 4 cm, 3 cm high
size of installation surface:
3.8 cm x 3.4 cm

N **34306** ***Signal Niche***
2 pieces, 2.7 cm x 2.2 cm, 1.6 cm high
size of installation surface: 2 cm x 1.8 cm



ICE Tunnel Portal

High-quality foam tunnel portal for new construction Deutsche Bahn routes (ICE Tunnel Portal). Double track, suitable for catenary operation.



HO **58040** ***ICE Tunnel Portal***
18 cm x 23 cm

N **34840** ***ICE Tunnel Portal***
12.5 cm x 10 cm



1 G 0 **HO** TT **N** Z



The Perfect Boundary for Model Plots

H0 Walls made of Hard Foam

Hard Foam Walls are perfect boundaries for model buildings, fields, plots and the like. The walls are made of high-grade NOCH Structured Hard Foam and thus look extremely realistic. Another advantage of NOCH Hard Foam is that it is easy to work with.

The walls are separated from the support plate with a craft knife. They can then be shaped and coloured with hot air or hot water (see below).





H0 58280 Granite Walls
Wall height 1.5 cm, pillar height 2.2 cm
Total wall length 104 cm



H0 58281 Basalt Walls
Wall height 1.5 cm, pillar height 2.0 cm
Total wall length 104 cm



H0 58282 Sandstone Walls
Wall height 1.4 cm, pillar height 2.3 cm
Total wall length 104 cm



H0 58283 Natural Stone Walls
Wall height 1.5 cm, pillar height 2.0 cm
Total wall length 104 cm

Craft Tip: Working on Hard Foam Walls

The walls are separated from the base plate with a craft knife. They can then be shaped with hot air or hot water. For this, bring approx. ½ litre of water to the boil. Then pour a thin stream over the desired spot for about 30 to 40 seconds and bend the wall immediately into the desired shape. Keep the wall in this position until it has cooled down.

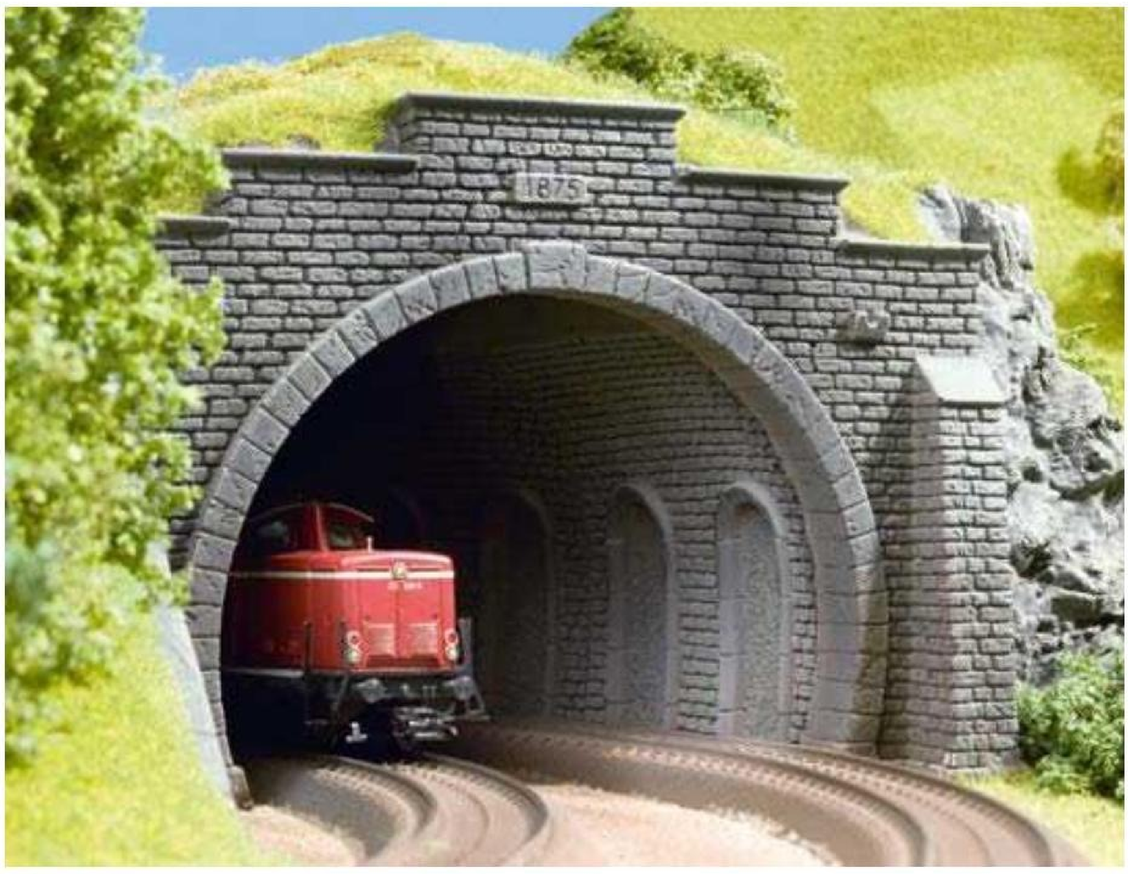
The walls can now be primed with a light-coloured Acrylic Paint (e.g. ref. 61196). They are then individually coloured using the paints from the Nature Paints Set (ref. 61200). To better accentuate the structure of the wall, the perfect result can be achieved with white or light grey paint using a dry wiping technique. Now the walls can be installed.











Interior Tunnel Walls

Made in Germany

When looking into a tunnel on most model railway layouts, you look into a black hole. The layout becomes much more realistic with interior tunnel walls. The tunnels can be lined with either a stone or a rock structure. Each pack contains a left and a right straight or curved interior tunnel wall.







HO HOe HOm **58030** ***Interior Tunnel Wall, straight***
2 pieces, 10 cm long

HO HOe HOm **58031** ***Interior Tunnel Wall, curved***
2 pieces, 10 cm long each, suitable for all radii

HO HOe HOm **58032** ***Interior Rock Tunnel Wall, straight***
2 pieces, 9.5 cm long

HO HOe HOm **58033** ***Interior Rock Tunnel Wall, curved***
2 pieces, 9.5 cm long each, suitable for all radii

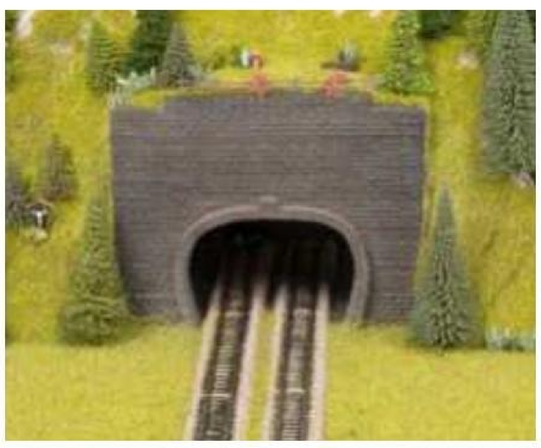
The interior tunnel walls are glued to the tunnel entrance.

Hard Foam Scale Replacement Portals

Scale Replacement Portals serve to reduce the dimensions of tunnel entrances of larger gauges to those of smaller gauges. This is necessary, for example, when using a ready-made NOCH H0 terrain in TT or N gauge. All scale replacement portals are suitable for catenary operation.









TT **48800** ***Scale Replacement Portal,*** *double track reduces the tunnel portal from H0 scale to TT scale 2 pieces, 14 cm x 10.5 cm*

TT **48790** ***Scale Replacement Portal,*** *single track reduces the tunnel portal from H0 scale to TT scale 2 pieces, 14 cm x 10.5 cm*

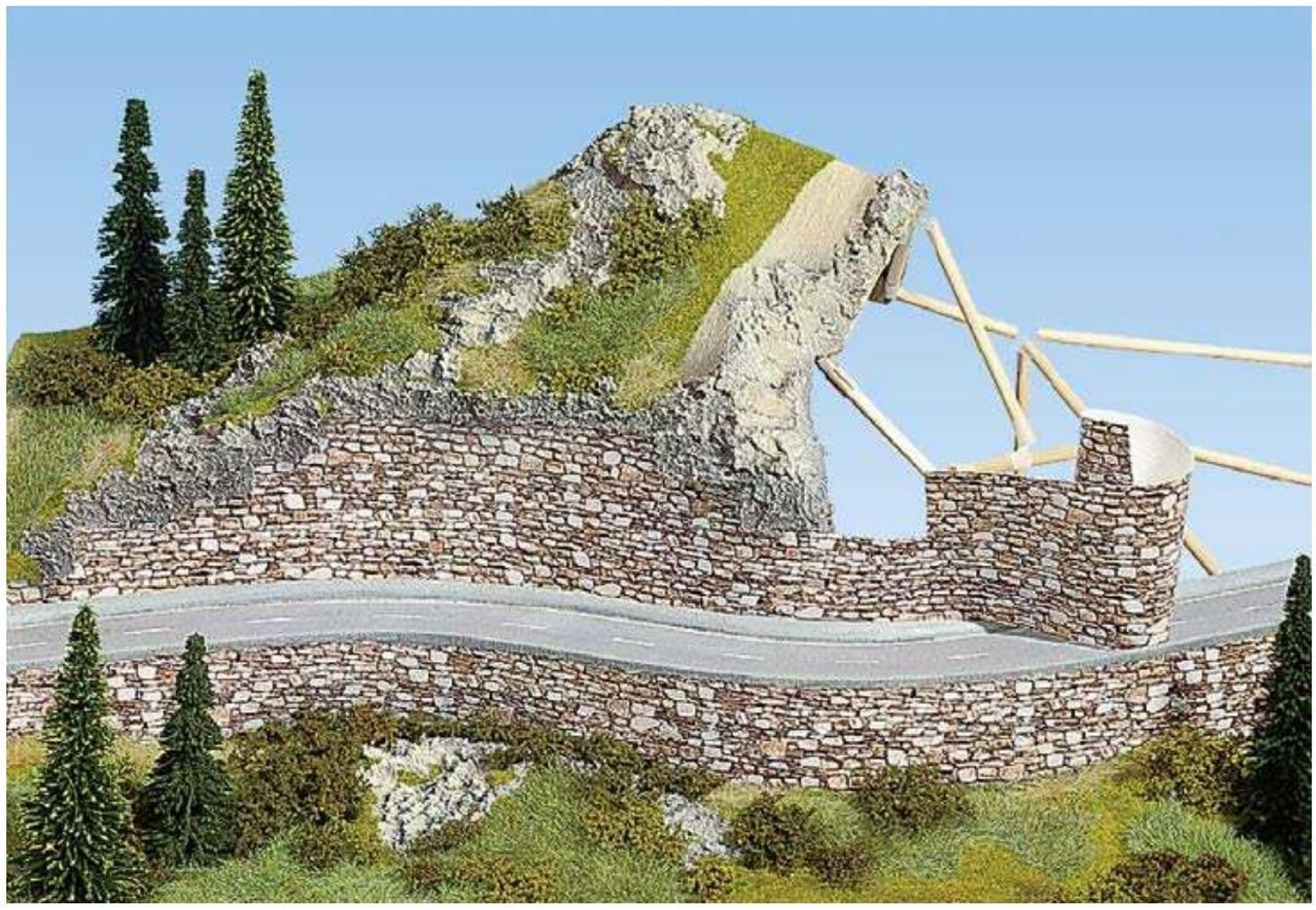
N **34800** ***Scale Replacement Portal,*** *double track, reduces the tunnel portal from H0 scale to N scale 2 pieces, 14 cm x 10.5 cm*

Z **44800** ***Scale Replacement Portal,*** *double track reduces the tunnel portal from N scale to Z scale 9 cm x 7 cm*

N **34790** ***Scale Replacement Portal,*** *single track reduces the tunnel portal from H0 scale to N scale 2 pieces, 14 cm x 10.5 cm*

Z **44790** ***Scale Replacement Portal,*** *single track reduces the tunnel portal from N scale to Z scale 2 pieces, 9 cm x 7 cm*

1 G O HO TT N Z



NOCH Embossed Cardboard Walls

Working with NOCH Embossed Cardboard Walls is very easy: simply use scissors to cut the cardboard sheets with their various photorealistic wall patterns and then glue them on.

Best value!

Info Tip:
Product advantages

- *Realistic appearance by means of photorealistic wall patterns*
- *Structured surfaces, since the wall sheets are made of embossed cardboard*
- *Easy to work with: cut with scissors and glue on*
- *Available in two lengths*



HO TT **57510** **Cardboard Wall »Granite«**
32 cm x 15 cm

HO TT **57700** **Cardboard Wall »Granite«**
extra long, 64 cm x 15 cm



HO TT **57520** **Cardboard Wall »Dolomite«**
32 cm x 15 cm

HO TT **57710** **Cardboard Wall »Dolomite«**
extra long, 64 cm x 15 cm



HO TT **57530** **Cardboard Wall »Basalt«**
32 cm x 15 cm

HO TT **57720** **Cardboard Wall »Basalt«**
extra long, 64 cm x 15 cm



HO TT **57550** **Cardboard Wall »Red Brick«**
32 cm x 15 cm

HO TT **57730** **Cardboard Wall »Red Brick«**
extra long, 64 cm x 15 cm



HO TT **57560** **Cardboard Wall »Cut Quarrystone«**
32 cm x 15 cm

HO TT **57740** **Cardboard Wall »Cut Quarrystone«**
extra long, 64 cm x 15 cm



HO TT **57570** **Cardboard Wall „Yellow Sandstone«**
32 cm x 15 cm

HO TT **57750** **Cardboard Wall „Yellow Sandstone«**
extra long, 64 cm x 15 cm

Portals, Made of Plastic

These incredibly sturdy portals made through plastic injection moulding are ideal for placing visually-appealing portals in a model landscape for very little money.

Best value!



N **34400** **Tunnel Portal**
single track,
5.5 cm x 6.5 cm, 2 pieces



N **34410** **Tunnel Portal**
double track
9.5 cm x 7 cm, 2 pieces



H0 **60010** **Tunnel Portal**
single track
11 cm x 11 cm, 2 pieces



H0 **60020** **Tunnel Portal**
double track
15.5 cm x 12.5 cm,
2 pieces



Z **44420** **Tunnel Portal**
single track
9 cm x 4 cm, 2 pieces



Z **44430** **Tunnel Portal**
double track
12 cm x 4 cm, 2 pieces

Colours, combinations and forms are subject to change without prior notice.



For Perfect Modelling – Roofs and Walls from Natural Materials

HO 3D Structured Roofs and Walls

We have succeeded in significantly improving the well-known NOCH 3D Structured Textures.
The large, 28 cm x 10 cm flexible sheets are three-dimensionally structured and have a super-realistic surface.
The 3D Structured Roofs and Walls are made from the natural raw materials quartz sand and mineral powder, which guarantee a very natural-looking surface and great feel. The 3D Structured Roofs and Walls are therefore the first choice for demanding hobbyists who value realistic and detailed models.

Due to innovative production technology based on a thin but stable backing fabric and using solvent-free bonding agents, the 3D Structured Roofs and Walls are highly flexible.

***Attention:** do not process the 3D Structured Roofs and Walls at temperatures below 15°C. Risk of breakage!*

Craft Tip:
Working with 3D Structured Roofs and Walls



The 3D Structured Textures can be cut to size with a pair of scissors or a knife.
Note: due to the way they are produced, some foils have a protective edge which can be removed in this way.

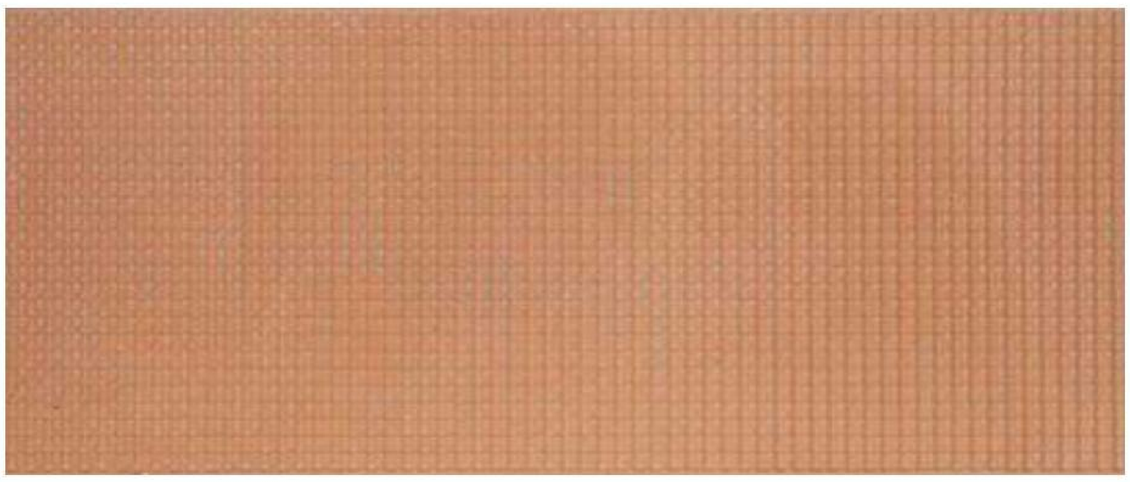


Adhesive is applied to the substrate.
We recommend UHU POR.



The 3D Structured Texture is pressed onto the glue bed and adjusted on the substrate. Colour treatment can subsequently be undertaken using any solvent-free paints (e. g. Weathering Powder [ref. 61165] or Nature Paints Set [ref. 61200]).

3D STRUKTURFOLIE

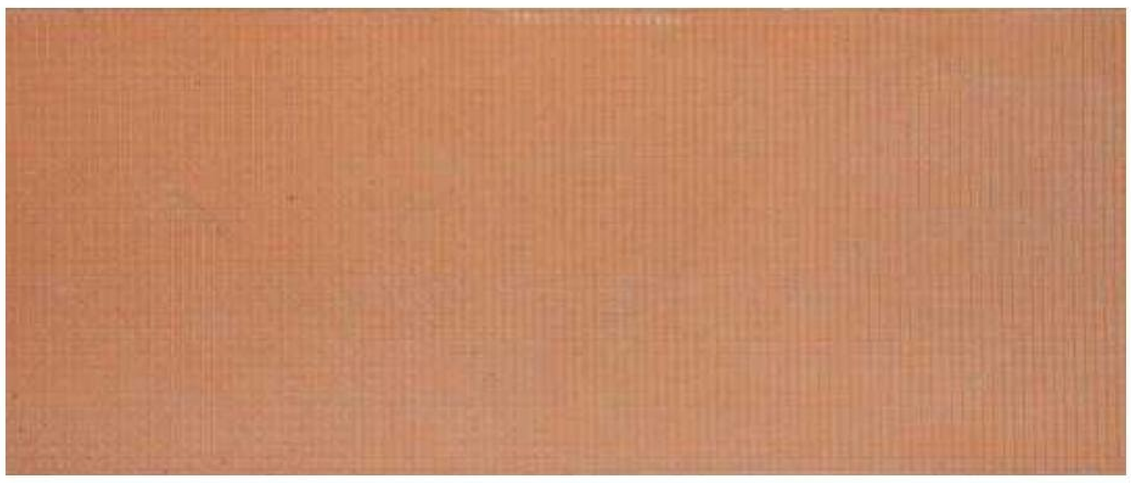




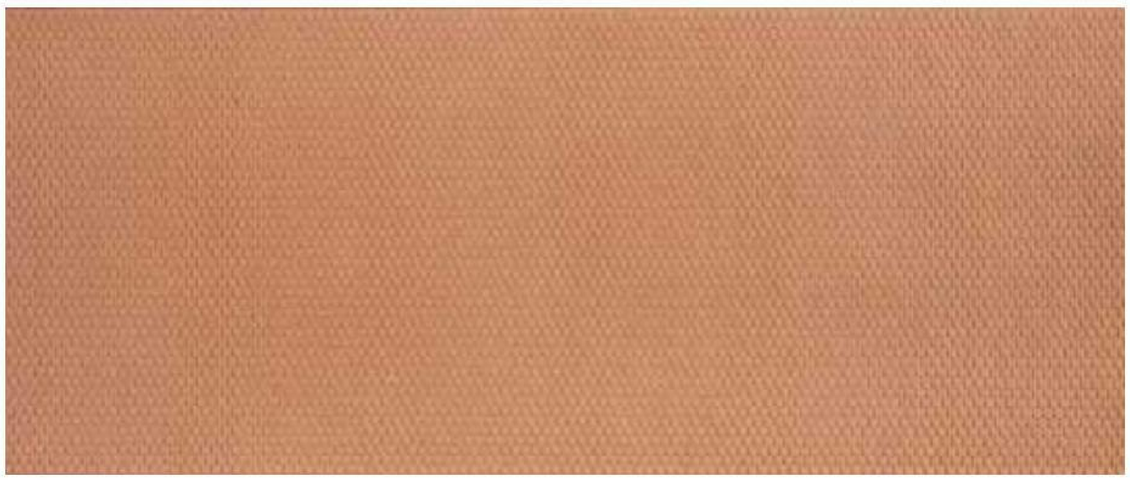
H0 **60350** ***3D Structured Roof »Pantile«***
red, 28 cm x 10 cm



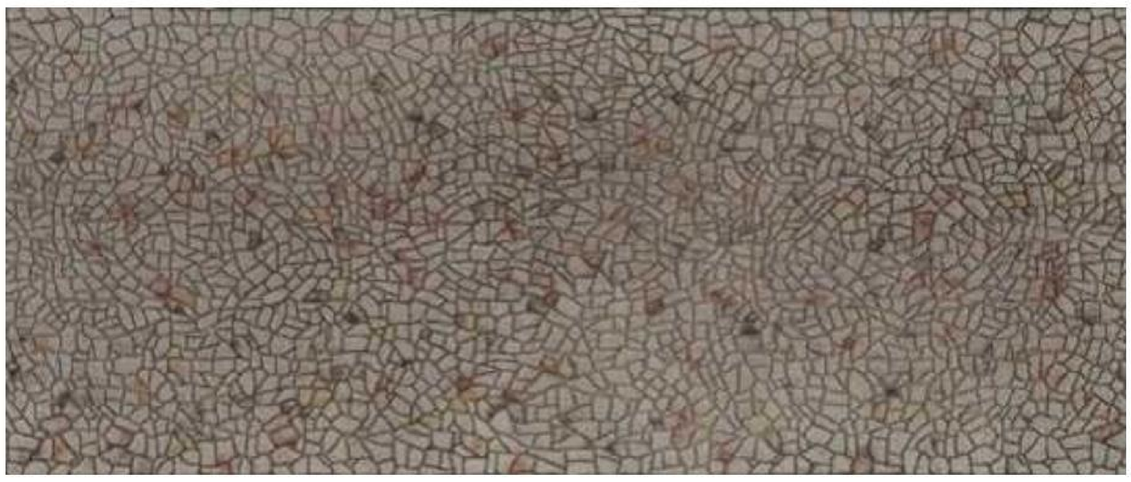
H0 **60351** ***3D Structured Roof »Pantile«***
dark red, 28 cm x 10 cm



H0 **60355** ***3D Structured Roof »Roof Tile«***
red, 28 cm x 10 cm



H0 **60360** ***3D Structured Roof »Plain Tile«***
red, 28 cm x 10 cm



H0 **60365** ***3D Structured Wall »Stone Slabs«***
28 cm x 10 cm



H0 **60370** ***3D Structured Wall »Layer-Masonry«***
28 cm x 10 cm



H0 **60371** ***3D Structured Wall »Quarrystone Wall«***
28 cm x 10 cm



H0 **60372** ***3D Structured Wall »Ashlar Masonry«***
28 cm x 10 cm

Highlights of the 3D Structured Roofs and Walls:

- three-dimensional & super realistically structured surfaces
- made from the natural materials quartz sand and mineral powder
- in realistic colours
- high UV resistance
- malleable when heated
- easy to work with

Colours, combinations and forms are subject to change without prior notice.



Embossed Walls, Roofs and Walls for Customised Models in H0 and N Gauge!

H0 and N 3D Cardboard Sheets

Best value, realistic & easy to process!

The 3D Cardboard Sheets are printed on thick cardboard in realistic matt colours and then press formed. This creates a beautiful surface. Wall, roof and wooden sheets can be easily cut with a pair of scissors or a craft knife. Since they are made of high-quality cardboard, they can be bent and fixed to the landscape with a hot glue gun or NOCH Landscaping Glue (ref. 61133).

For example, plastic bridge piers or simply walls and portals made of plywood or chipboard can be realistically clad. To simplify the designing of tunnel portals for you, a cutting pattern is printed on the cardboard sheets, which are suitable for tunnel portals in H0, TT and N scale widths. There s no limit to your imagination!



H0 **56605** ***3D Cardboard Sheet »Brick«***
yellow/multicoloured, 25 cm x 12.5 cm



H0 **56610** ***3D Cardboard Sheet »Clinker«***
red, 25 cm x 12.5 cm

N **56910** ***3D Cardboard Sheet »Clinker«***
red, 25 cm x 12.5 cm



H0 **56613** ***3D Cardboard Sheet »Clinker«***
yellow/multicoloured, 25 cm x 12.5 cm



H0 **56640** ***3D Cardboard Sheet »Quarrystone Wall«***
multicoloured, 25 cm x 12.5 cm

N **56940** ***3D Cardboard Sheet »Quarrystone Wall«***
multicoloured, 25 cm x 12.5 cm



H0 **56642** ***3D Cardboard Sheet »Lime Stone Wall«***
beige, 25 cm x 12.5 cm



H0 **56669** ***3D Cardboard Sheet »Industrial Wall«***
25 cm x 12.5 cm

1 G 0 **H0** TT **N** Z



H0 **56664** ***3D Cardboard Sheet »Timber Wall«***
25 cm x 12.5 cm



H0 **56665** ***3D Cardboard Sheet »Timber Wall«***
weathered, 25 cm x 12.5 cm

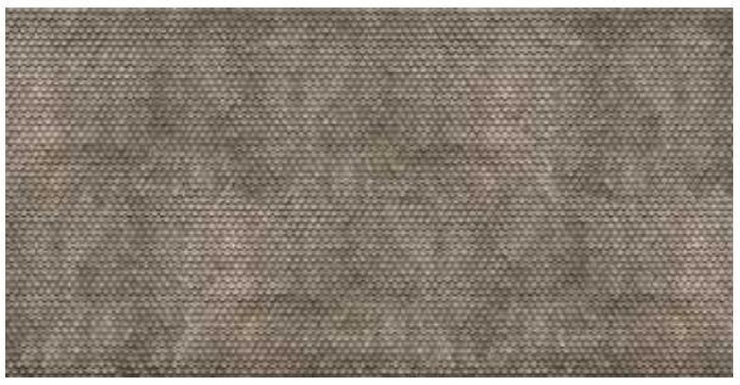


H0 **56670** ***3D Cardboard Sheet »Roof Tile«***
red, 25 cm x 12.5 cm

N **56965** ***3D Cardboard Sheet »Roof Tile«***
red, 25 cm x 12.5 cm



H0 **56690** ***3D Cardboard Sheet »Plain Tile«***
red, 25 cm x 12.5 cm



H0 **56691** ***3D Cardboard Sheet »Plain Tile«***
grey, 25 cm x 12.5 cm



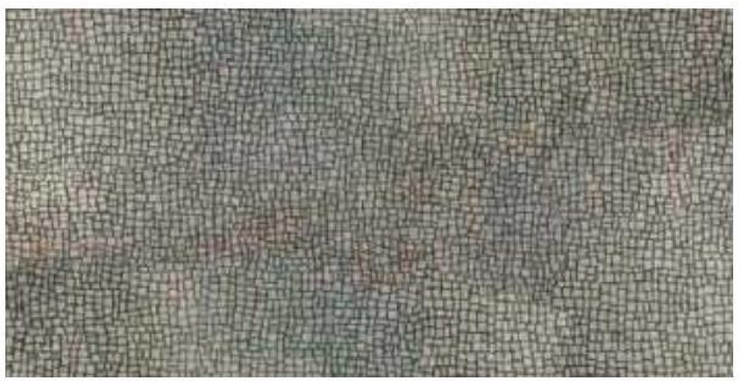
H0 **56721** ***3D Cardboard Sheet »Old Town Pavement«,*** *25 cm x 12.5 cm*

N **56981** ***3D Cardboard Sheet »Old Town Pavement«,*** *25 cm x 12.5 cm*



H0 **56722** ***3D Cardboard Sheet »Modern Pavement«,*** *25 cm x 12.5 cm*

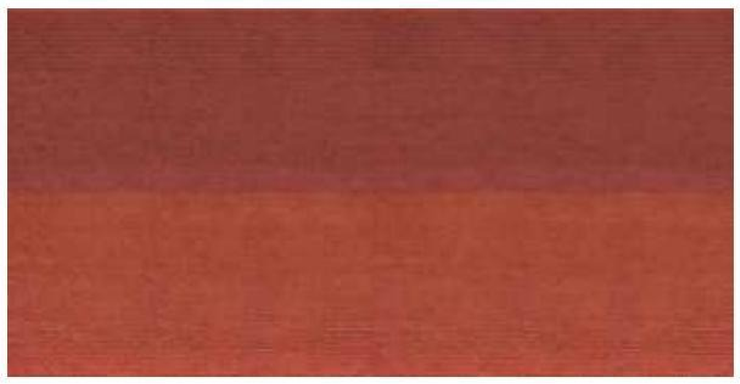
N **56982** ***3D Cardboard Sheet »Modern Pavement«,*** *25 cm x 12.5 cm*



H0 **56723** ***3D Cardboard Sheet »Irregular Pavement«,*** *25 cm x 12.5 cm*



N **56964** ***3D Cardboard Sheet »Timber Wall«***
25 cm x 12.5 cm



N **56970** ***3D Cardboard Sheet »Plain Tile«***
red, 25 cm x 12.5 cm



N **56971** ***3D Cardboard Sheet »Plain Tile«***
grey, 25 cm x 12.5 cm



H0 **56601** ***Display Box 3D Cardboard Sheets***
Contents: 112 pieces, sorted

N **56900** ***Display Box 3D Cardboard Sheets***
Contents: 80 pieces, sorted

Craft Tip:
3D Cardboard Sheets



The 3D Cardboard Sheets can be easily cut with a knife or a pair of scissors. The cardboard is sturdy and can be easily bent and affixed with craft glue (e.g. NOCH Landscaping Glue, ref. 61133). In this way, customised structures can be created in no time at all.

Rugged Rocks and Breathtaking Rock Walls

Rocks and rock walls are the »icing on the cake» when it comes to designing a model landscape. NOCH offers you various options for creating fascinating and realistic model rocks.

And as nothing looks more realistic than real natural products, you will also find a wide variety of natural materials in our range, such as our Natural Cork.

G 1 0 H0 TT N Z

Rocks and Rock Walls

Natural Cork – page 78
- *The traditional modelling method*
- *Large cork pieces in the best quality*

Rock Compound – page 78
- *Simply mix with water and apply*

Structured Hard Foam Rocks – from page 78
- *Sturdy and lightweight*
- *Super realistic and three-dimensional surfaces*

Rock Forming System – from page 82
- *Cast rocks in reusable moulds and paint them realistically*

Wrinkle Rocks – from page 84
- *Super-easy application*
- *High-quality special paper*

Natural Cork Rocks

Cork is a natural material whose surface texture makes it perfectly suited to the designing of true-to-nature rocks.
You get the best quality, hand-picked large cork pieces from NOCH.

08810 ***Cork Rock Pieces***
Rock pieces from natural material, approx. 80 g





Rock Compound

NOCH Rock Compound is mixed with water, applied with a knife or spatula, and hardens within approx. 15 minutes.
Due to its special composition, it automatically forms a »rocky« surface upon drying, making it particularly easy to design rocky areas.





60880 ***Rock Compound »Granite«***
grey, 400 g

60890 ***Rock Compound »Sandstone«***
brown, 400 g

60882 ***Rock Compound XL »Granite«***
grey, 1,000 g

60892 ***Rock Compound XL »Sandstone«,*** *brown, 1,000 g*

Structured Hard Foam Rock Pieces

NOCH Rock Pieces are made of the popular, high-grade structured hard foam. The rock pieces can easily be cut or freed from the mounting plate and worked into the appropriate position in the model landscape with compound (e.g. NOCH Rock Compound) or adhesive. NOCH Structured Hard Foam has decided advantages over other materials: it is extremely lightweight, sturdy, very good for working with a craft knife or fret saw, and also weatherproof!
So, you will soon become an expert at creating striking mountains and rock walls.



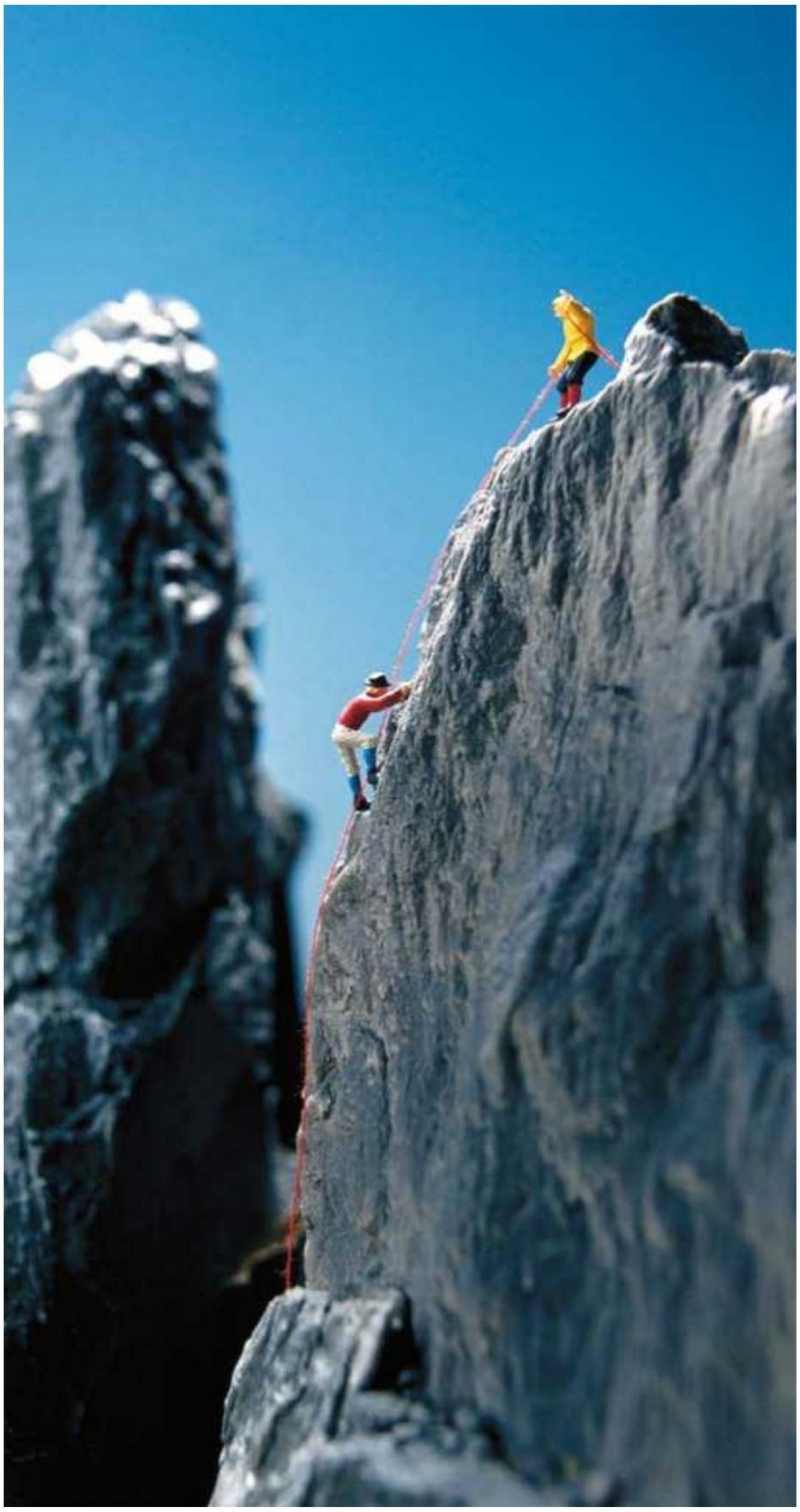


58451 ***Rock Pieces »Granite«***
5 pieces



58452 ***Rock Pieces »Sandstone«***
6 pieces

G | 1 | 0 | HO | TT | N | Z



For particularly exposed mountain and rock formations, NOCH »Arlberg« Rocks are the perfect choice. These large stone pieces can be used to shape peaks and plateaus.

Made in Germany

The Structured Hard Foam Rocks can be worked into the landscape with NOCH Rock Compound and subsequently painted with acrylic sprays and paints (see page 169).



58448 ***Rocks »Arlberg«***
3 pieces, 10 cm x 8 cm x 7 cm to 14 cm x 9 cm x 7 cm



Craft Tip:
Individually designed rock walls

First, separate the rock pieces from the mounting plate (fig. 1) and then attach them to the mountain with adhesive or compound (fig. 2). Next, work the rock pieces in with NOCH Rock Compound (»Granite«, ref. 60880, or »Sandstone«, ref. 60890) or with Modelling Compound (ref. 60920) (fig. 3). Finally, use NOCH Landscaping Paints (see page 169) to paint the entire rock wall (fig. 4).



Separate rock piece from the slab ...



... and attach to the mountain.



Close the gaps and paint the rocks.

Structured Hard Foam Rock Walls

Made in Germany

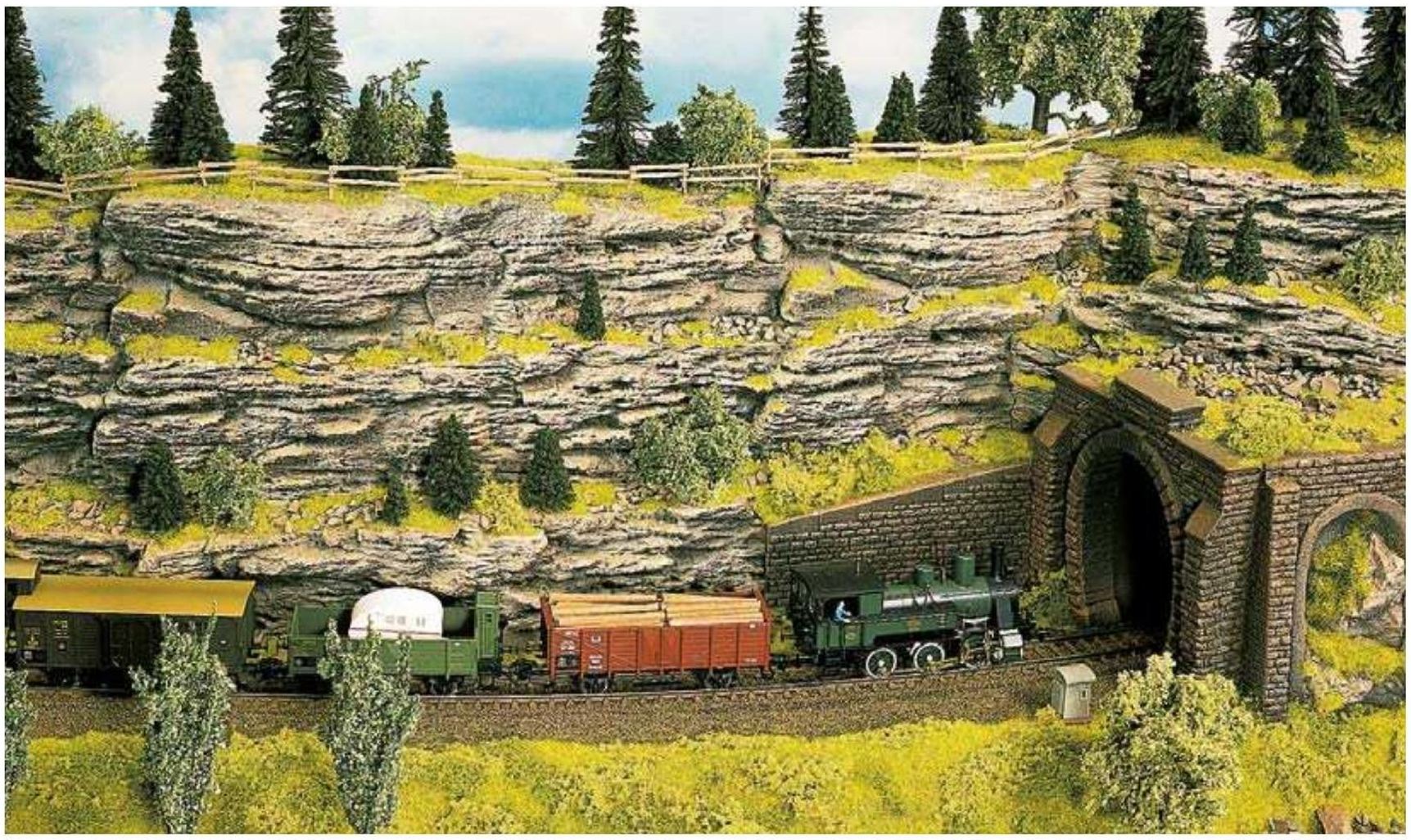






58470 ***Rock Wall »Granite«***
Structured Hard Foam Model for integrating, ready packed in poly bag, 32 cm x 16 cm

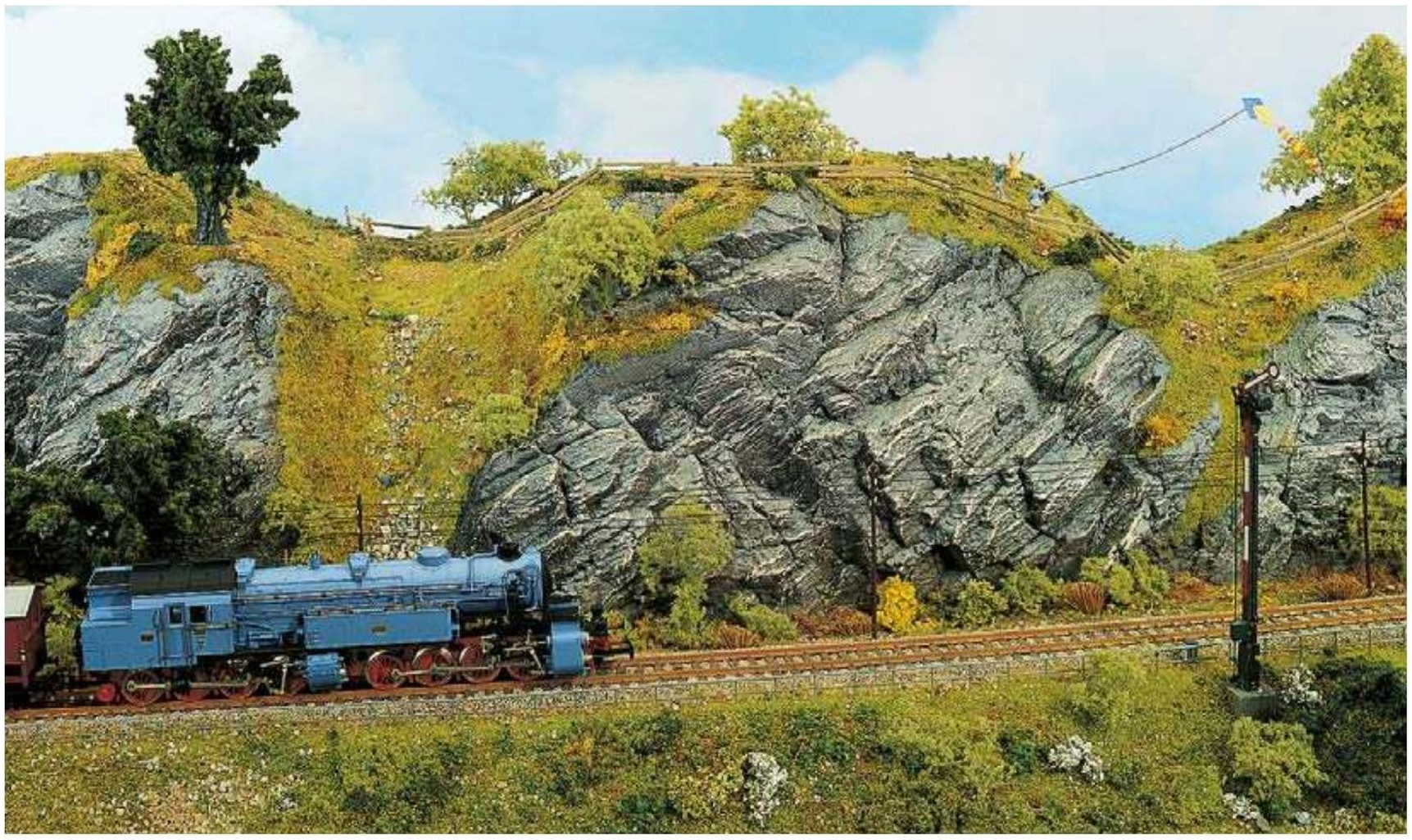






58480 ***Rock Wall »Stratified«***
Structured Hard Foam Model for integrating, ready packed in poly bag, 33 cm x 19 cm







58490 ***Rock Wall »Limestone«***
Structured Hard Foam Model for integrating, ready packed in poly bag, 32 cm x 18 cm

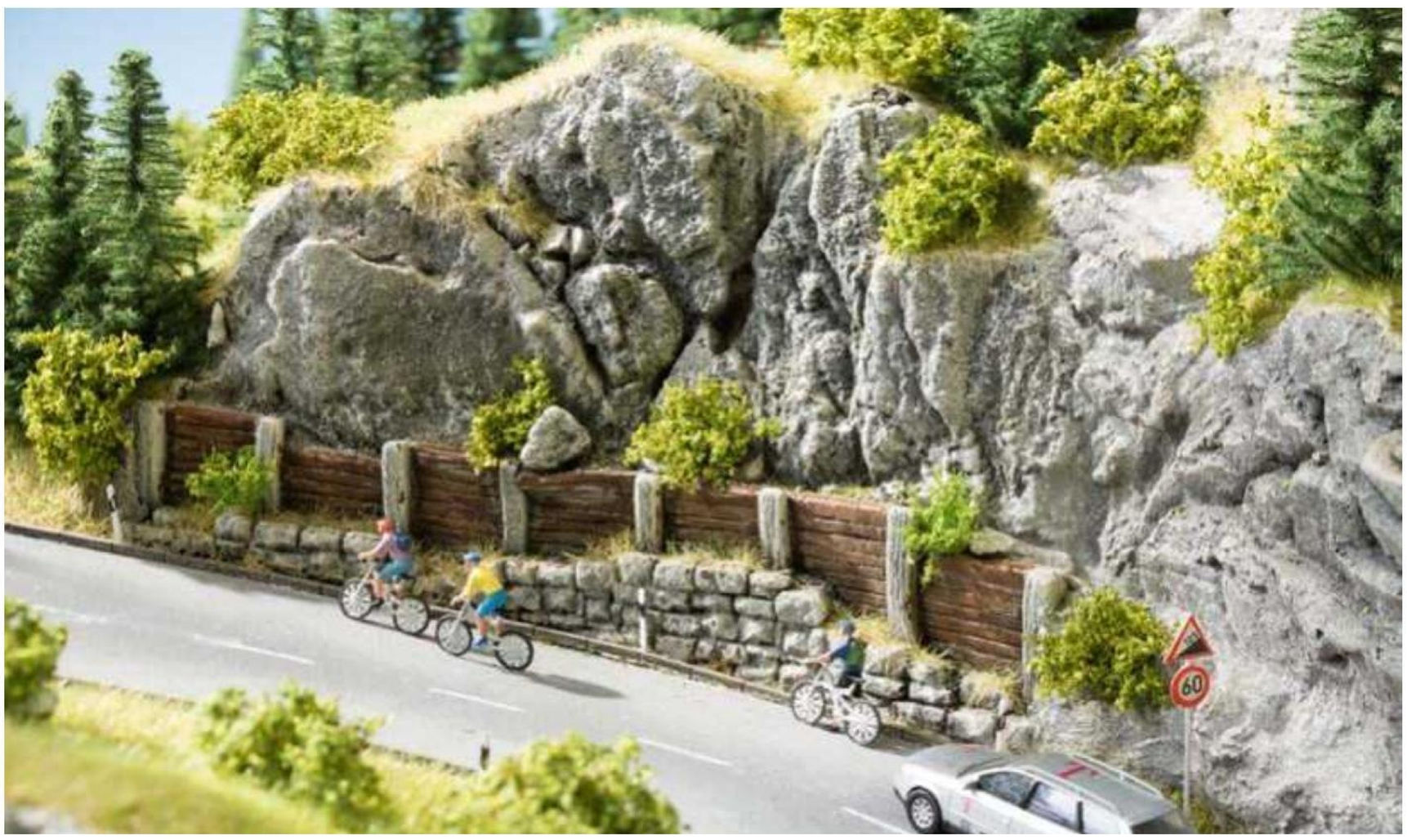
G | 1 | 0 | HO | TT | N | Z







58462 ***Rock Wall »Basalt«***
Structured Hard Foam Model for integrating, ready packed in poly bag, 32 cm x 21 cm







HO **58152** ***Rock Fall Barriers***
Structured Hard Foam Model compatible with Rock Wall »Basalt«, packed in poly bag 23.5 cm x 16 cm approx. 3.3 cm deep

Craft Tip:
Working on self-cut NOCH Hard Foam Rock Walls

Working on NOCH Hard Foam Rock Walls is very simple: the rocks are cut up with a sharp knife or a fine saw and smoothed with a fine file. You can also change the shape of the parts by gently heating them with a hair-dryer. The rock slabs are integrated into your landscape with contact, all-purpose or hot-melt glue; alternatively, they can be pressed into the compound before it has set (NOCH »Granite« or »Sandstone« Rock Compound). It is also possible to completely integrate solid rocks in the landscape. All NOCH hard foam products can be painted in any colour you like preferably with NOCH Landscaping Paints (see »Paints and Glues« chapter on page 166).



Saw the rock slab ...



... glue it with a hot glue gun ...



... and then paint it.



Create Realistic and Cost-Effective Rock Walls and Mountain Slopes!

The NOCH Rock Forming System

The NOCH Rock Forming System consists of six different rock forming moulds in a 24 cm x 12 cm format. The NOCH PROFI Casting Compound was specially developed for this purpose. This allows you to magically create deceptively real individual rocks, rock walls and stone formations. No matter whether it's a mountain mass or individual rocks along a railway embankment being formed, the NOCH Rock Forming System offers the perfect solution: duplicating rocks from a single mould is possible with the PROFI Casting Compound in almost unlimited quantities. As a result, cast rocks are very cost-effective and suitable above all for designing large rock and stone surfaces.
The casting moulds have a special inner coating, which makes it easier to remove the rocks after they have hardened. The moulds are packaged in such a way as to serve as a solid casting frame at the same time. This frame is placed under the Rock Forming Mould to stabilise it. The PROFI Casting Compound can then be poured evenly into it.



61230 ***Rock Former »Zugspitze«***
1 large rock, 350 ml



61231 ***Rock Former »Alpspitze«***
1 large rock, 250 ml



61232 ***Rock Former »Hochvogel«***
3 medium sized rocks, 150 ml



61233 ***Rock Former »Widderstein«***
1 large rock, 2 small rocks, 150 ml



61234 ***Rock Former »Mittagsspitze«***
1 medium sized rock, 2 small rocks, 150 ml



61235 ***Rock Former »Rote Wand«***
2 large rocks, 200 ml

G 1 0 HO TT N Z

Craft Tip:
Casting rocks



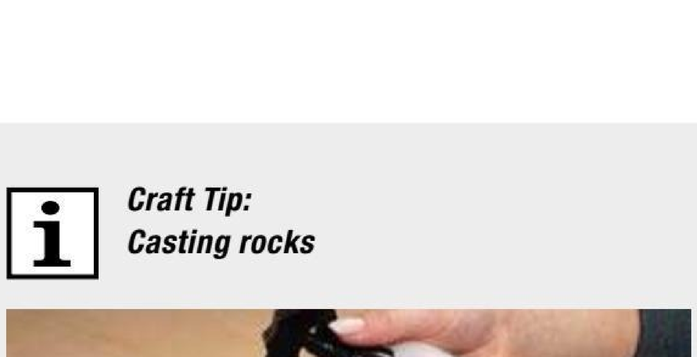
The rock forming mould is sprayed with a release agent consisting of water (20:1) and detergent.



The enclosed casting frame enables the NOCH PROFI Casting Compound to be poured in evenly.



After hardening, the individual rocks are carefully pushed out of the mould.



With the help of NOCH PROFI Casting Compound, the rocks can be incorporated into the landscape and the transitions can be modelled.



The rocks are now painted. For this, highly-diluted NOCH Natural Paints are applied with a sponge spatula.



Different colours are applied until the desired result is achieved.

Highlights of the NOCH Rock Forming System:

- *Cost-effective cast any number of rocks from every mould*
- *Perfectly shaped PROFI Casting Compound for the finest structures*
- *Clever Casting Frame enables even pouring*
- *Innovative special inner coating for easier removal*
- *Super realistic painting with NOCH Natural Paints*



With the NOCH Casting Frame



Conventional casting mould

PROFI Casting Compound:

The special NOCH PROFI Casting Compound can be easily mixed with water in a ratio of 1:3 to fill bubble-free rock forming moulds with a high degree of robustness.
It is white when hardened and is thus the perfect base material for self-cast rocks, which are then painted with NOCH Natural Paints.

Ref./Rock Former	***Volume***
61230 »Zugspitze«	*350 ml*
61231 »Alpspitze«	*250 ml*
61232 »Hochvogel«	*150 ml*

Ref./Rock Former	***Volume***
61233 »Widderstein«	*150 ml*
61234 »Mittagsspitze«	*150 ml*
61235 »Rote Wand«	*200 ml*

Nature Paints Set:

NOCH Nature Paints are perfectly matched to the earthy and natural shades of rocks.
The Nature Paints Set contains 20 ml of highly-concentrated paint in six different shades: beige, ochre, olive, earth brown, grey and black. The paints are diluted with water before use and applied with the enclosed sponge spatula or the Landscaping Spray Bottle (ref. 61140). This allows you to add nuanced shades to your rocks or paint your ground before flocking.

Landscaping Spray Bottle:

The Landscaping Spray Bottle has a number of different applications.
Before pouring in the PROFI Casting Compound, a squirt of release agent, made of water and detergent (20:1), can be sprayed into the mould. This makes it easier to remove the finished rock later.
In addition, the Spray Bottle is ideal for spraying highly diluted paint onto plastered rocks. Info on the Landscaping Spray Glue can be found on page 172.



60918 ***PROFI Casting Compound 1,000 g***
for approx. 800 ml



61200 ***Nature Paints Set, 6 colour concentrates***
each 20 ml, 1 mixing cup, 1 sponge spatula



61140 ***Landscaping Spray Bottle empty***



»Are You Still Plastering or Already Wrinkling?«

Wrinkle Rocks – THE Original from Austria!

Wrinkle Rocks make it easy to create super-realistic rock formations in no time at all. The photorealistic rocks are printed on special paper, which is extremely robust and at the same time easy to wrinkle. Just don t be afraid: the more crazily and fiercely you wrinkle, the finer the structures become in the rock. And it looks really good!

Fitting it in the landscape is incredibly easy. The wrinkled sheet of rock can easily be affixed to the landscape with NOCH Landscaping Glue (ref. 61133). The sheet can easily be bent over the terrain.

NOCH Wrinkle Rocks have been developed in cooperation with the Andreas Dietrich Modelling Studio in Austria. Andreas Dietrich invented the original Wrinkle Rocks a few years ago and has registered this as a trademark.

Product Highlights:

- *Super-easy application*
- *Photorealistic look*
- *High-quality special paper*
- *Lightweight*
- *Wrinkle Rocks from Austria THE original!*

Craft Tip:
Wrinkle Rocks



1. The Wrinkle Rocks are wrinkled, crumpled and creased!



2. This produces a convincing structure.



3. The Wrinkle Rocks are built into the landscape.

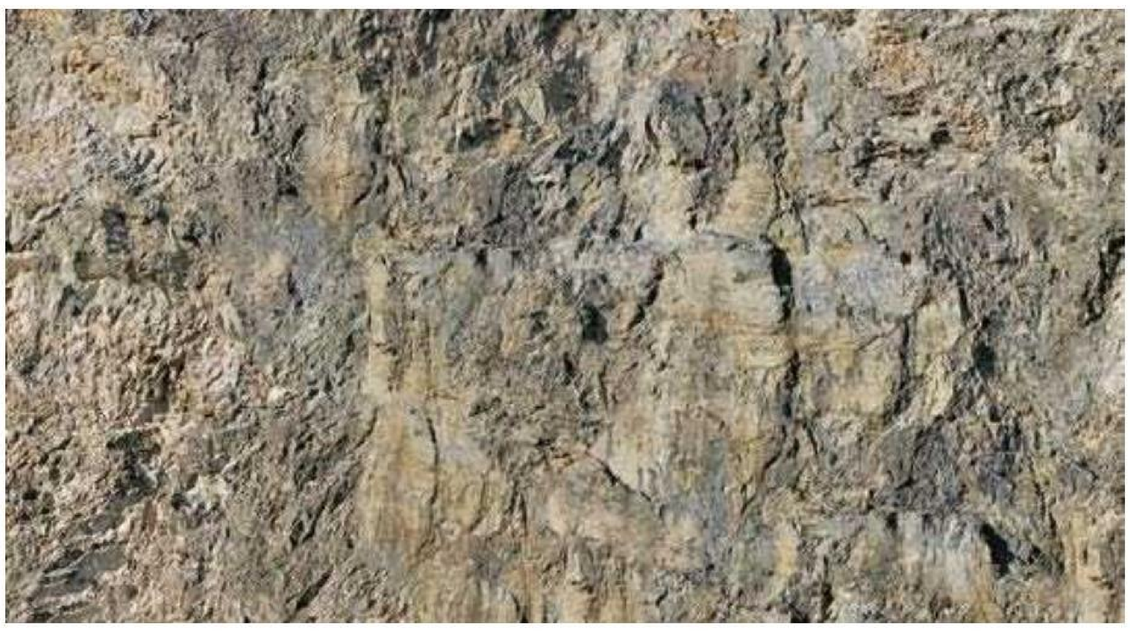
1 G 0 HO TT N Z



O HO TT N **60301** ***Wrinkle Rocks »Großglockner«***
45 cm x 25.5 cm



O HO TT N **60302** ***Wrinkle Rocks »Wildspitze«***
45 cm x 25.5 cm



O HO TT N **60303** ***Wrinkle Rocks »Großvenediger«***
45 cm x 25.5 cm



O HO TT N **60304** ***Wrinkle Rocks »Sandstone«***
45 cm x 25.5 cm



O HO TT N **60305** ***Wrinkle Rocks »Seiser Alm«***
45 cm x 25.5 cm





Background Info:
Andreas Dietrich Modelling Studio



For many years, Andreas Dietrich from the Andreas Dietrich Modelling Studio has spent time working mainly on the creation of photorealistic backgrounds for model railway layouts. Among others, backgrounds for well-known show layouts stretching as far as Italy have been created by him. He invented the Wrinkle Rocks by accident a few years ago: a background image with rocks on it did not come out cleanly from the printer and ended up crumpled up in the bin that evening. The next morning, Andreas Dietrich drew inspiration from the crinkled printout to create the Wrinkle Rocks.

In cooperation with: Knitter® FELSEN

Although there are other manufacturers offering similar products, we are thrilled to have the developer of the original Wrinkle Rocks on our team. As a dyed-in-the-wool Austrian, he also has the necessary savvy when it comes to mountains and rocks and he wastes no opportunity to photograph new rock formations when hiking through the mountains.
Further info (in German) can be found at:
www.atelier-dietrich.at
Note: *Knitterfelsen® is a registered trademark of Andreas Dietrich.*

Grafik-Atelier Andreas Dietrich • Stöcklgras 30 • A-4910 Ried • www.atelier-dietrich.at • a.dietrich@atelier-dietrich.at

So You are Always on the Right Path!

Alongside the rails, roads, paths and squares are the most important traffic routes and junctions in every model landscape. NOCH offers an extensive assortment of different products that allows you to create your own unique and realistic transport infrastructure. Whether Road Sheets, Road Crepe Paper, Terrain Paste, Structured Roads or ready-made Road Construction Sets: with the products from the following pages, your model figures are guaranteed to have the appropriate ground under their feet.

G 1 0 HO TT N Z

Roads, Paths and Squares

Perfect Set »Road« – from page 88
- *You ll find all the products you need to create your own roads with curves and junctions as desired*

Individual Road Construction – from page 90
- *Make your own realistic roads and paths*

Structured Roads and Decorating Accessories – from page 92
- *Exclusive quartz sand and rock powder cobblestone roads*
- *Road Decoration Set and more accessories for decorating*

Road Sheets – from page 94
- *Stable sheets, realistically printed and self-adhesive*

Road Crepe Paper – from page 96
- *Special stretchy crepe paper, realistically printed and self-adhesive*

Hard Foam Accessories – from page 98
- *Bridges, portals, culverts and underpasses*



Make the Perfect Road!

Perfect Set »Road«

Building a realistic model road is often a big challenge. It is precisely the obvious solutions that often do not lead to the desired result. This applies in particular to designing curves and junctions with ready-made products (such as Road Crepe Paper or Road Sheets). In the Perfect Set »Road«, you ll find all the products you need to create your own roads with curves and junctions as desired.

The NOCH Road Construction System forms the basis. It contains the special Structured Road Construction Paint and Road Construction Paint Roller. Road markings are finally applied with the Starter Set Street Marking. The Perfect Set includes a detailed instruction video on DVD. So your project is guaranteed to succeed!

1 G 0 HO TT N Z



The NOCH Road Construction System, comprising ***Structured Road Construction Paint*** *and a* ***Road Construction Paint Roller****: the specially developed paint adopts the surface structure of the tool used to apply it. The paint roller thus produces very realistic-looking tar and asphalt model roads. With other tools, such as a spatula or paintbrush, you can achieve more exciting surface textures.*



Starter Set Street Marking: *thanks to the flexible Curved Ruler, lane markings along bends can also be applied without any problems. With the templates (supplied in the set for H0, TT and N gauges), directional arrows, zebra crossings and many other road markings can be perfectly applied. Finally, the set includes a special Street Marking Pencil.*



H0 **TT** **N** ***60817*** ***Perfect Set »Road«***
Contents: Structured Road Construction Paint
Asphalt grey, 250 ml (ref. 60825)
Road Construction Paint Roller 50 mm wide (ref. 60829)
Starter Set Street Marking, contains:
1 curved ruler, 1 street marking pencil
each 1 street marking template for H0, TT and N scale
(ref. 60740)

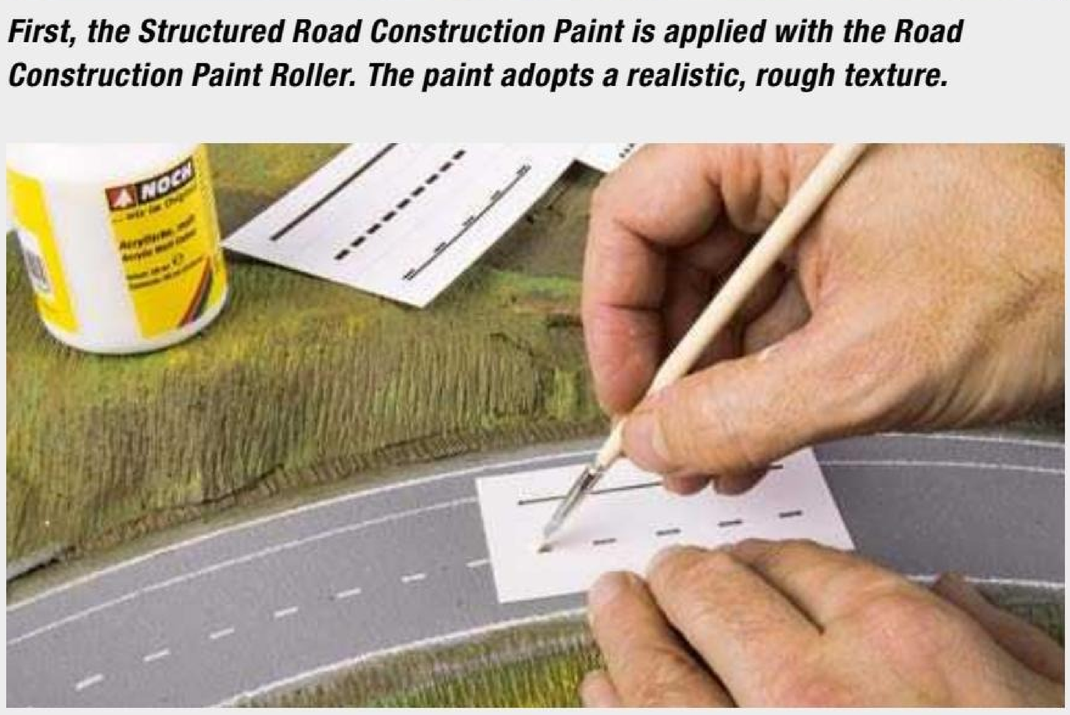
Modelling Tip:
Perfect Set »Road«



First, the Structured Road Construction Paint is applied with the Road Construction Paint Roller. The paint adopts a realistic, rough texture.



Customised edge lines can be drawn with the Curved Ruler and the Street Marking Pencil.



As an alternative to the enclosed Street Marking Pencils, you can also apply white paint to a brush to paint on the templates.

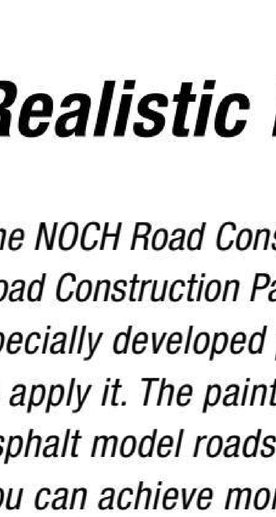


As is so often the case, »the journey is its own reward«. In this case, the perfectly designed country road.

Realistic DIY Roads in Next to No Time

The NOCH Road Construction System comprises two different Structured Road Construction Paints and one Road Construction Paint Roller. The specially developed paint adopts the surface structure of the tool used to apply it. The paint roller thus produces very realistic-looking tar and asphalt model roads. With other tools, such as a spatula or paintbrush, you can achieve more exciting surface textures.

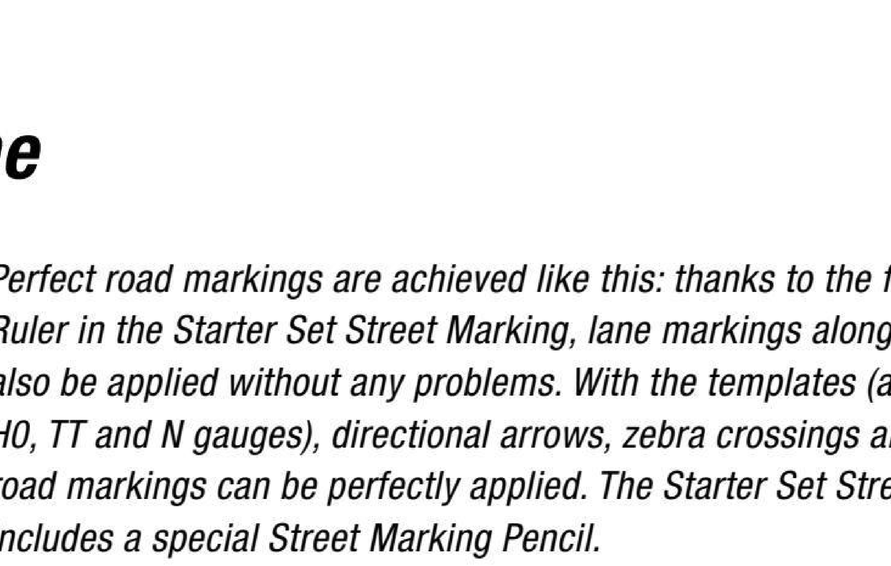
Perfect road markings are achieved like this: thanks to the flexible Curved Ruler in the Starter Set Street Marking, lane markings along bends can also be applied without any problems. With the templates (available for H0, TT and N gauges), directional arrows, zebra crossings and many other road markings can be perfectly applied. The Starter Set Street Marking includes a special Street Marking Pencil.
You can also buy replacement pencils (ref. 91950) at shop.noch.com.



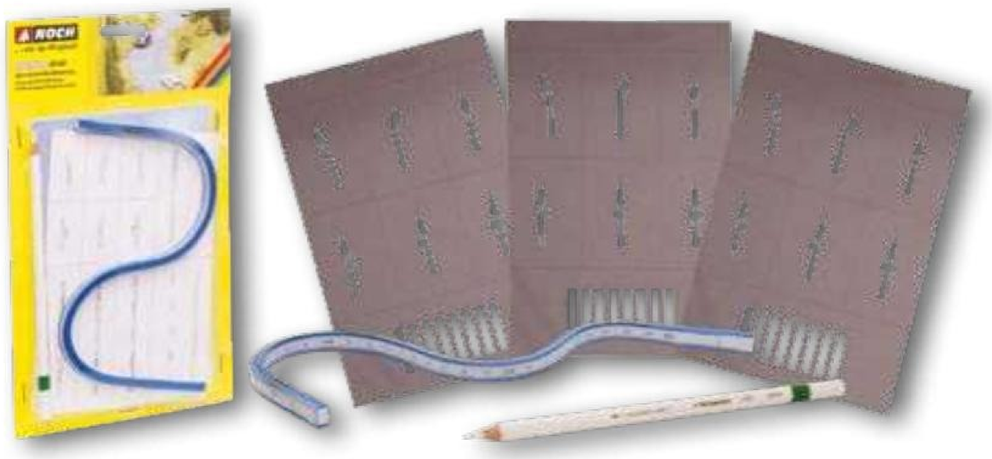
60825 ***Structured Road Construction Paint***
Asphalt grey, 250 ml



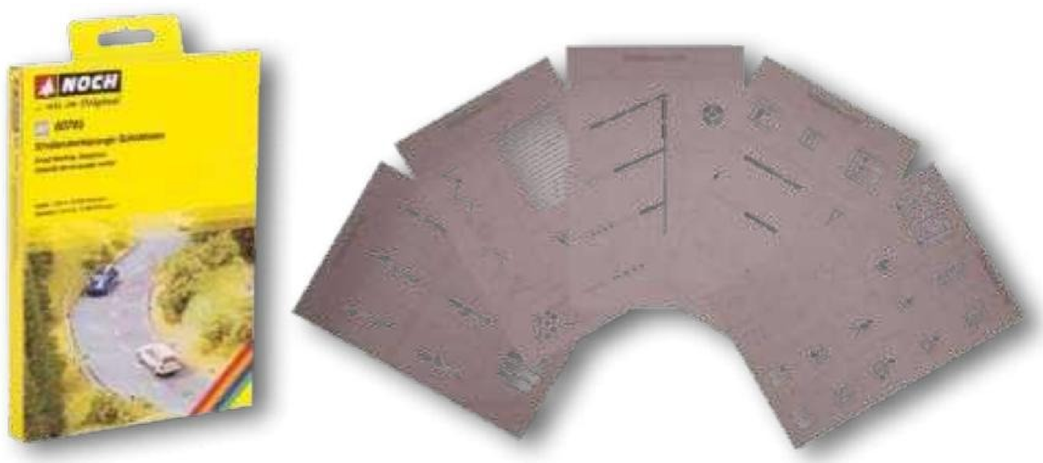
60826 ***Structured Road Construction Paint***
Asphalt anthracite, 250 ml



60829 ***Road Construction Paint Roller***
50 mm wide, with spare roller



HO TT N **60740** ***Starter Set Street Marking***
1 curved ruler
1 street marking pen
each 1 street marking template for H0, TT and N gauge



HO **60745** ***Street Marking Templates***
5 templates, 43 symbols

TT **48600** ***Street Marking Templates***
5 templates, 46 symbols

N **34240** ***Street Marking Templates***
5 templates, 38 symbols

Craft Tip:
Road Construction System



First, the Structured Road Construction Paint is applied with the Road Construction Paint Roller. The paint adopts a realistic, rough texture.



Customised edge lines can be drawn with the Curved Ruler and the Street Marking Pencil.



As an alternative to the enclosed Street Marking Pencils, you can also apply white paint to a brush to paint on the templates.

1 G 0 HO TT N Z

Road Construction Set

The Road Construction Set is an innovative method of creating model roads. The set contains specially developed, very fine-grained asphalt granules in a shaker, a refill bag of asphalt granules and a special, grey acrylic road paint. The contents of the set are sufficient to cover a road with a length of approx. 300 cm and a width of 8 cm.



60820 Road Construction Set
applicator with 150 ml fine »asphalt granules«
refill pack 100 ml »asphalt granules«
bottle with 125 ml grey acrylic road paint



Grass Glue is applied to the prepared road surface.



Next, the asphalt granules from the Road Construction Set are evenly scattered over the road until a uniform coating has been created.



Once they are dry and any excess granules have been extracted, the asphalt granules are sealed in with thinly applied road paint.

Terrain Structure Paste

Realistic-looking ground and surfaces can be quickly and easily replicated with Terrain Structure Pastes. With the Terrain Structure Paste »Field & Nature«, you can design field paths, courtyards, shore areas, rural train platforms and the subsoil of fields and meadows. Using the Terrain Structure Paste »Industry«, you can create roads and sealed concrete and asphalt surfaces (e.g. at industrial plants, depots or station forecourts). The Terrain Structure Pastes are an acrylate-based coloured compound. The paste is simply applied with a spatula or a bristle brush. The individual colours can be mixed together »wet on wet« or applied one after the other.



Simply apply Textured Terrain Paste ...



and form as desired.





60823 Terrain Structure Paste »Field & Nature«
100 g sand (beige), 100 g loam (ochre), 100 g soil (brown)



60824 Terrain Structure Paste »Industry«
100 g asphalt (anthracite), 100 g concrete (light grey), 100 g mud (olive)



Sand



Loam



Soil



Asphalt



Concrete



Mud

Colours, combinations and forms are subject to change without prior notice.

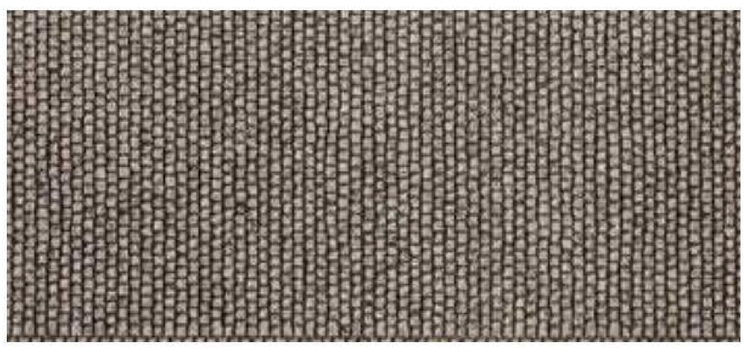


It Couldn‘t Be More Realistic!

Structured Roads, Structured Curve & Structured Place

NOCH Structured Roads are manufactured from the natural raw materials quartz sand and mineral powder. This guarantees a natural surface appearance and feel, as well as a realistic appearance and very high UV resistance. The Structured Roads are thus the first choice for the demanding hobbyist.

Another major advantage of the innovative production technology, based on a thin supporting material and using solvent-free bonding agents, is the Structured Roads' high degree of flexibility.
Important Note: *do not process the Structured Roads at temperatures below 15°C. Risk of breakage!*

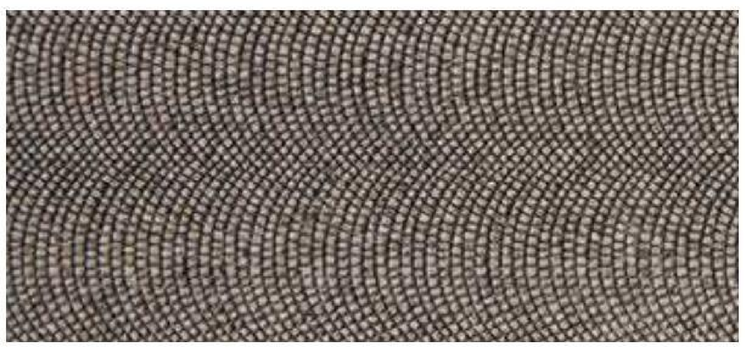


HO **60312** ***Structured Road »Cobblestone«***
7.5 cm wide, 50 cm long

HO **60314** ***Structured Place »Cobblestone«***
15.5 cm wide, 21 cm long

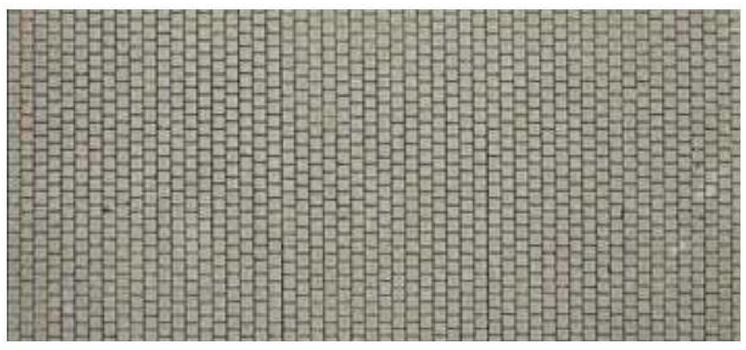


HO **60316** ***Structured Curve »Cobblestone«***
7.5 cm wide, approx. 32 cm long



HO **60322** ***Structured Road »Roman Pattern«***
7.5 cm wide, 50 cm long

HO **60324** ***Structured Place »Roman Pattern«***
15.5 cm wide, 21 cm long



HO **60325** ***Structured Place »Town Square«***
15.5 cm wide, 21 cm long



HO **60326** ***Structured Place »Village Square«***
15.5 cm wide, 21 cm long



Craft Tip: Structured Roads and Places
Note: *find the complete product line at www.noch.com or in the NOCH Catalogue*



Cut off the protective pad of the Structured Place with a knife or scissors. Put the Structured Place on the surface and cut it roughly.



With a brush, apply solvent-free adhesive on the substrate. We recommend using the UHU POR contact adhesive.



The Structured Place is pressed into the glued surface and adapted to the underground. All solvent-free paints are suitable for follow-up treatment. We recommend NOCH Weathering Powder (ref. 61165).



This Is How Pros Design Their Roads Perfectly!

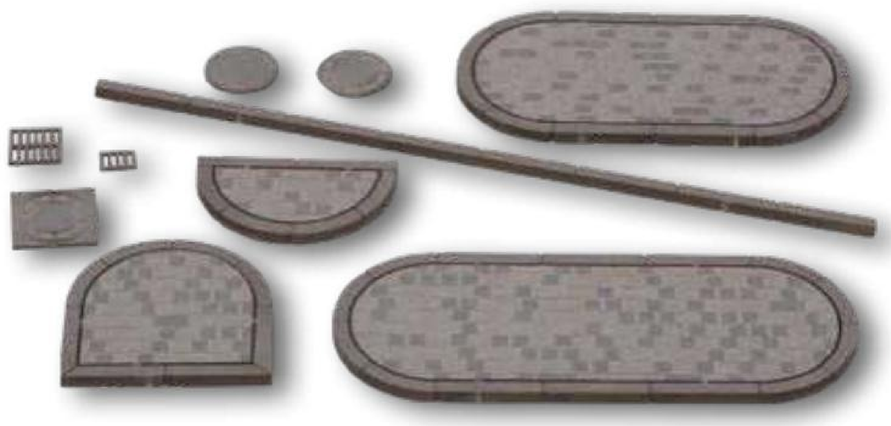
Road Decoration Set

LASER CUT

You can turn an ordinary road into a professional model road with this set! With the help of the supplied kerbs and traffic islands, you can steer the flow of traffic in the right direction. Signposting can be implemented perfectly with 301 traffic signs and signposts. 60 posts are included in the Road Decoration Set, to which you can attach signs. Other signs can be affixed to house walls, lampposts, etc. Manhole covers and gullies provide the finishing touches to your roads. It couldn t be more realistic: the only thing we don t offer for your »ideal world« is potholes.



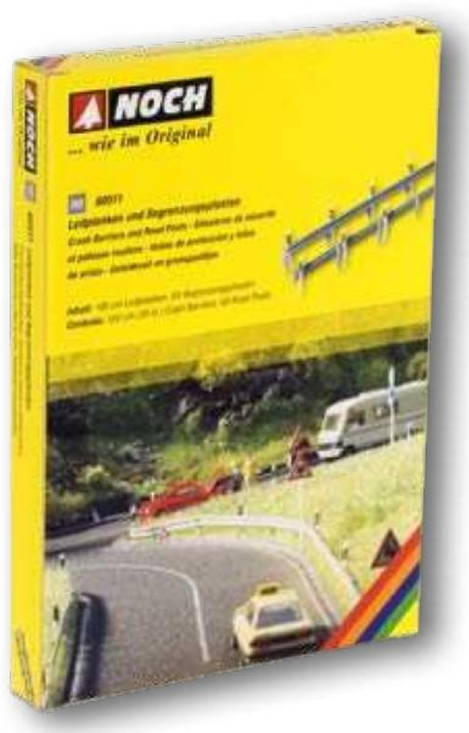
H0 **60525** ***Road Decoration Set***
Contents:
Kerbs, 11 pieces, total length 100 cm
Traffic Islands, 23 pieces
301 Signposts and 60 Tubular Posts
Manhole Covers and Gullies, 25 pieces

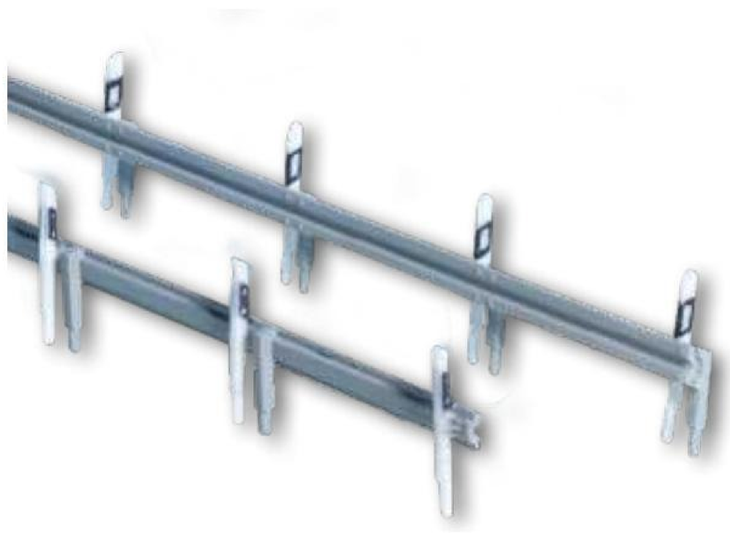




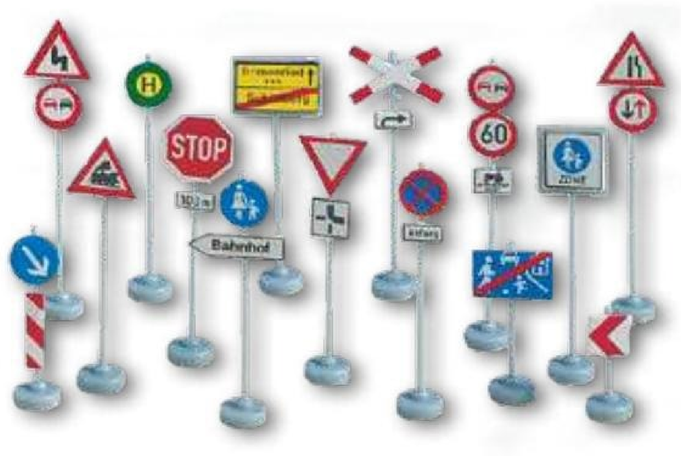


Our Accessories provide the finishing touches to the roads, paths and squares on your layout so you can get close to the real thing right down to the last detail.





Made in Germany



H0 **60511** ***Crash Barriers and Road Posts***
crash barriers total 1 m long
60 Road Posts for self-painting

H0 **60521** ***Traffic Signs***
270 traffic signs
coloured and pre perfurated,
63 Posts

N **34111** ***Crash Barriers and Road Posts***
crash barriers total 70 cm long
32 road posts for self-painting

N **34121** ***Traffic Signs***
32 traffic signs
coloured, 32 posts

How to Always Get the Curves

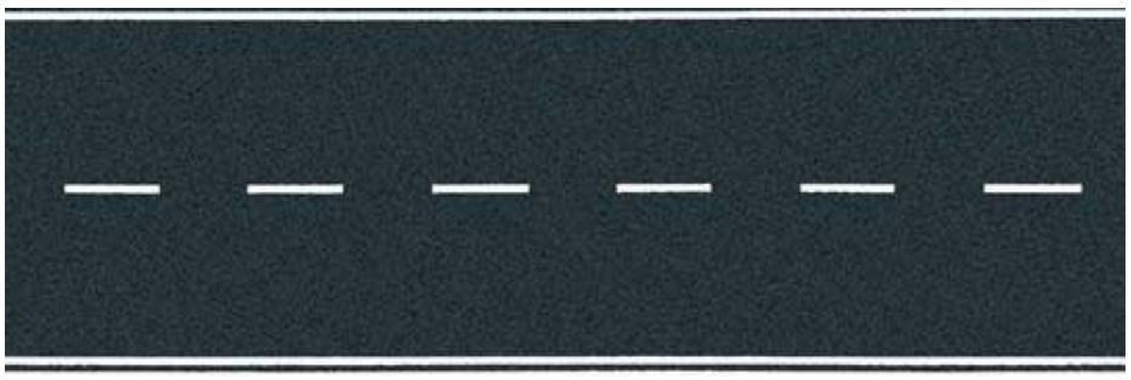
NOCH Road Sheets

Constructing realistic roads is made very easy by NOCH Road Sheets. Each stable, flexible and self-adhesive road sheet can be easily glued on. It is available in various widths (Federal Roads, Country Roads) and as a universal bend, crossing and car park, as well as cobblestones. The NOCH Road Sheet is offered in the colour variants »asphalt« and »grey«, for H0, TT and N gauge.





Road Sheets »Asphalt«



H0 **60700** **Federal Road**
asphalt, 100 cm x 8 cm

TT **48580** **Federal Road**
asphalt, 100 cm x 6.6 cm

N **34200** **Federal Road**
asphalt, 100 cm x 4 cm



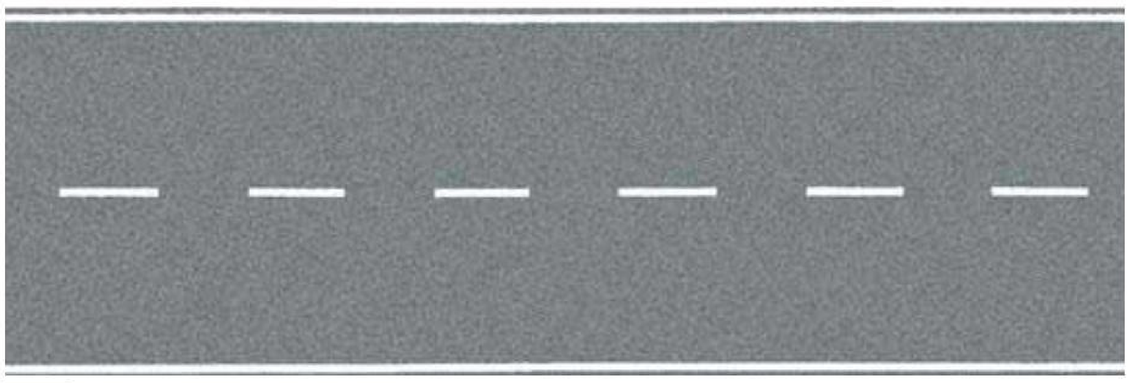
H0 **60706** **Country Road**
asphalt, 100 cm x 6.6 cm

TT **48586** **Country Road**
asphalt, 100 cm x 4 cm

Craft Tip:
Solid white centre line

If you want to make a solid centre line from the broken centre line on a road marking, we recommend you draw the line with a white »edding® 780 paint marker«.

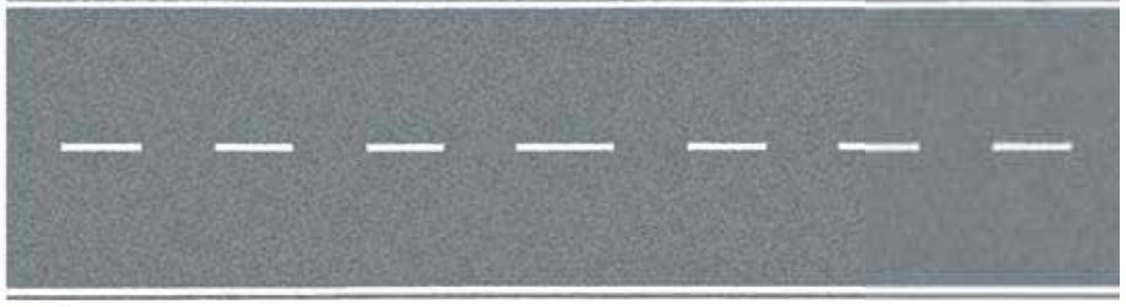
Road Sheets »Grey«



H0 **60703** **Federal Road**
grey, 100 cm x 8 cm

TT **48583** **Federal Road**
grey, 100 cm x 6.6 cm

N **34203** **Federal Road**
grey, 100 cm x 4 cm

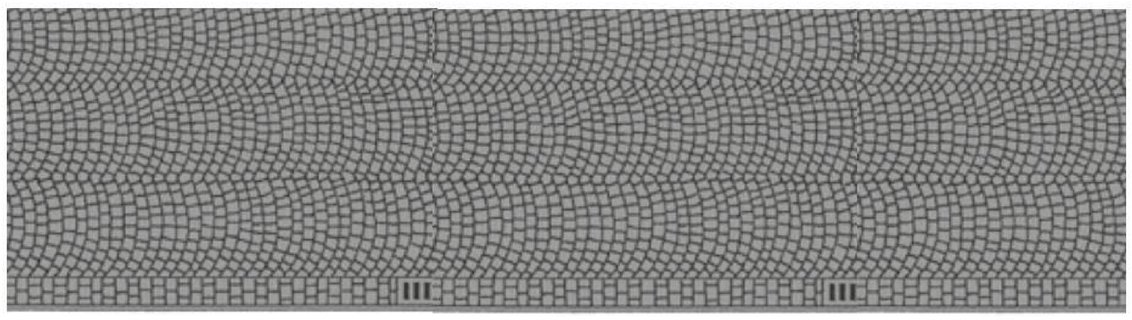


H0 **60709** **Country Road**
grey, 100 cm x 6.6 cm

TT **48589** **Country Road**
grey, 100 cm x 4 cm

Road Sheets Squares & Cobblestones

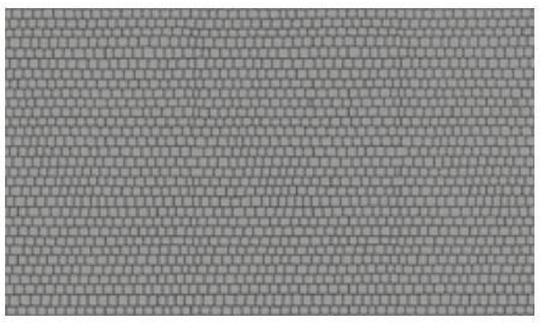
With these practical add-on elements, such as cobblestone roads and squares, crossings and car parks, you can design varied roads and squares.



H0 **60722** **Cobbled Pavement**
100 cm x 6.6 cm

TT **48592** **Cobbled Pavement**
100 cm x 4 cm

N **34222** **Cobbled Pavement**
100 cm x 4 cm



H0 **60724** **Cobblestones Place**
2 pieces, each 22 cm x 14 cm

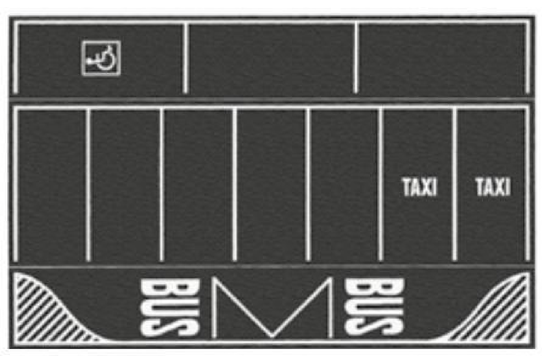
TT **48594** **Cobblestones Place**
2 pieces, each 17 cm x 10.5 cm

N **34224** **Cobblestones Place**
2 pieces, each 17 cm x 10.5 cm

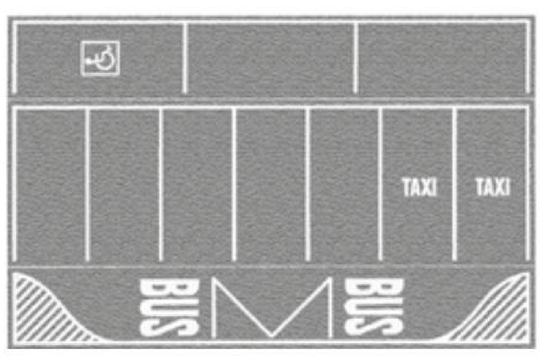
1 G 0 H0 TT N Z



H0 **60726** ***Pavement***
100 cm x 2.5 cm



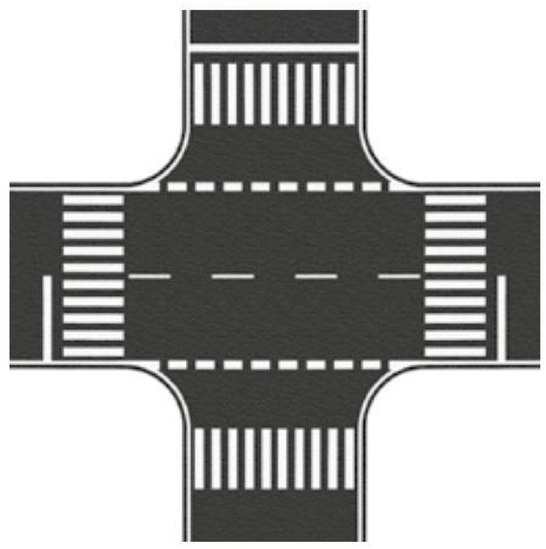
H0 **60718** ***Car Park***
asphalt, 2 pieces
each 22 cm x 14 cm



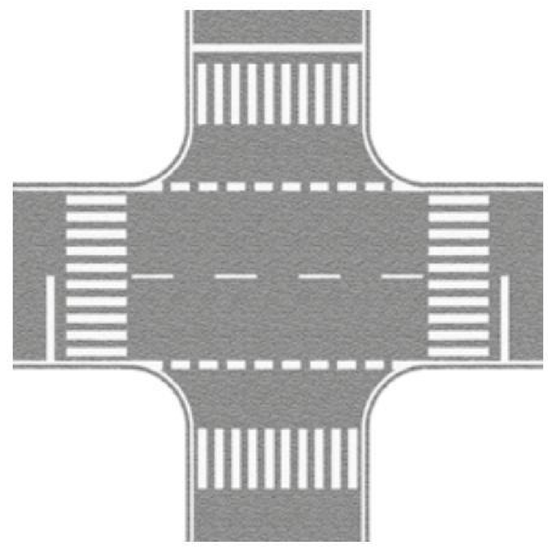
H0 **60720** ***Car Park***
grey, 2 pieces
each 22 cm x 14 cm

Craft Tip:
Car Parks

A »Car Park« pack includes two road sheets. One sheet is as shown on this page printed with road markings. The other is blank and can therefore be cut up and used as desired.



H0 **60712** ***Crossing***
asphalt
22 cm x 22 cm



H0 **60714** ***Crossing***
grey
22 cm x 22 cm

Craft Tip:
Crossings

The carriageway connections on the H0 Crossing are 8 cm wide and thus fit exactly onto the »H0 Federal Road«. Since the crossing is supplied in two parts, the carriageway connection can easily be shortened by simply trimming it to the width of the H0 Country Road at 6.6 cm.

Universal Curve »Asphalt« and Universal Curve »Grey«





H0 **60701** ***Federal Road Curve***
asphalt, 2 pieces, each 8 cm wide

TT **48581** ***Federal Road Curve***
asphalt, 2 pieces, each 6.6 cm wide

N **34201** ***Federal Road Curve***
asphalt, 2 pieces, each 4 cm wide

H0 **60707** ***Country Road Curve***
asphalt, 2 pieces, each 6.6 cm wide

TT **48587** ***Country Road Curve***
asphalt, 2 pieces, each 4 cm wide

H0 **60704** ***Federal Road Curve***
grey, 2 pieces, each 8 cm wide

TT **48584** ***Federal Road Curve***
grey, 2 pieces, each 6.6 cm wide

N **34204** ***Federal Road Curve***
grey, 2 pieces, each 4 cm wide

H0 **60710** ***Country Road Curve***
grey, 2 pieces, each 6.6 cm wide

TT **48590** ***Country Road Curve***
grey, 2 pieces, each 4 cm wide



A pack contains 2 Universal Curves and one cutting template. Also available in grey.

Craft Tip:
Application of the NOCH Universal Curve

Cut out the Universal Curve on the outline with a sharp knife (e.g. Stanley knife) or scissors with an edge of approx. 2 cm. Then divide the bend into segments required for your construction project. To make it easier for you to cut out precise radii, the Universal Curve pack comes with a template. By combining these segments with each other and installing straight road pieces, you can make any road route you desire. Each pack contains two Universal Curves so that you can build a complete circle (360°) with one pack.



Individual curved segments of a Universal Curve are combined with a straight road piece.



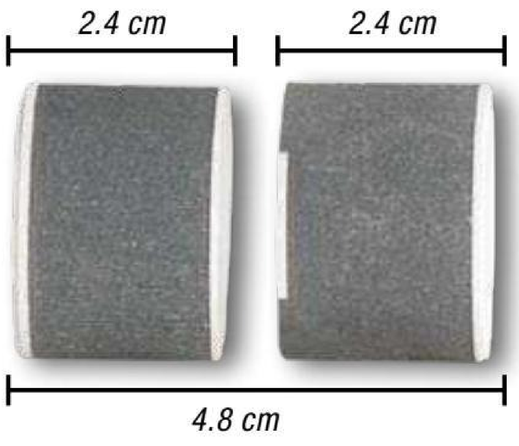
It Couldn't Be More Flexible

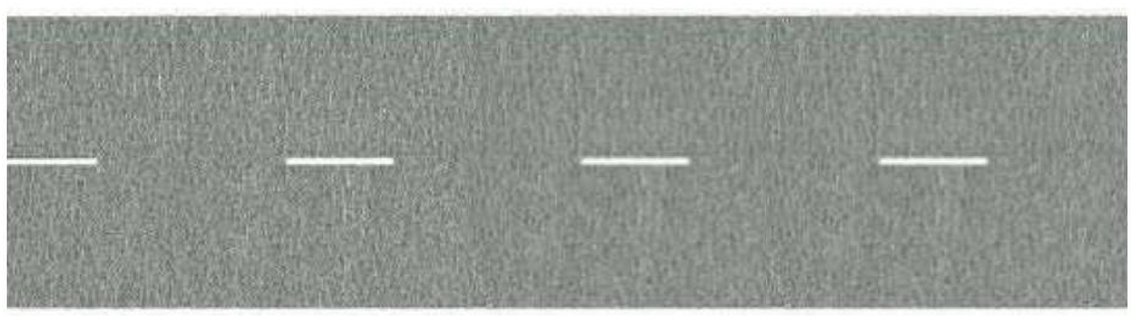
NOCH Road Crepe Paper

Highly flexible!

All roads lead to NOCH because, with NOCH Roads, Paths and Squares, you can easily create a true-to-life road network. The advantages of the material are convincing: NOCH Road Crepe Paper is self-adhesive, particularly stretchy, tear-resistant, and above all very easy to work with. Bends in particular can be reproduced very easily and effectively with NOCH Road Crepe Paper. In addition, NOCH Road Crepe Paper is ideally suited to the FALLER Car System.

H0 Country Road Crepe Paper



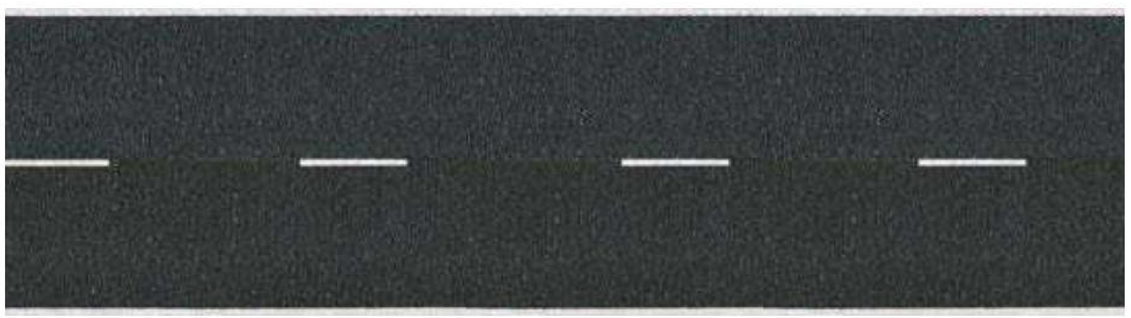


H0 **60500** ***Country Road***
grey, 100 cm x 4.8 cm (delivered in 2 rolls)

H0 **60610** ***Country Road***
grey, 200 cm x 4.8 cm (delivered in 2 rolls)

N **34100** ***Country Road***
grey, 100 cm x 2.9 cm (delivered in 2 rolls)

Z **44100** ***Country Road***
grey, 100 cm x 2.5 cm (1 roll, with broken center line)

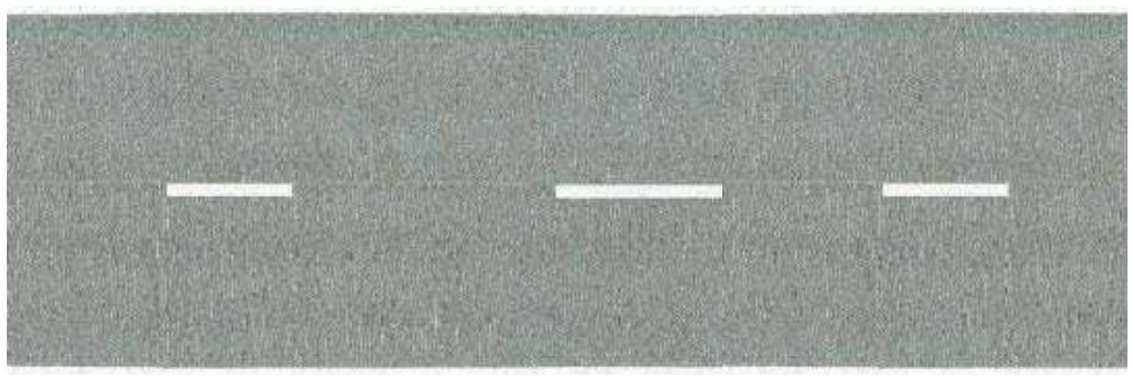


H0 **60410** ***Asphalt Road***
black, 100 cm x 4.8 cm (delivered in 2 rolls)

TT **48410** ***Asphalt Road***
black, 100 cm x 4.8 cm (delivered in 2 rolls)

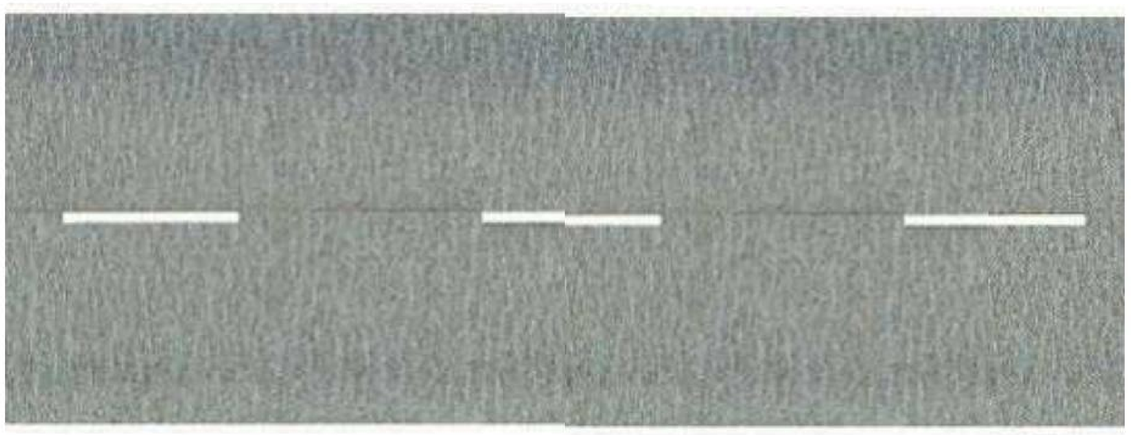
N **34150** ***Asphalt Road***
black, 100 cm x 2.9 cm (delivered in 2 rolls)

Z **44150** ***Asphalt Road***
black, 100 cm x 2.5 cm (1 roll, with broken center line)



H0 **60470** ***Federal Road***
grey, 100 cm x 5.8 cm (delivered in 2 rolls)

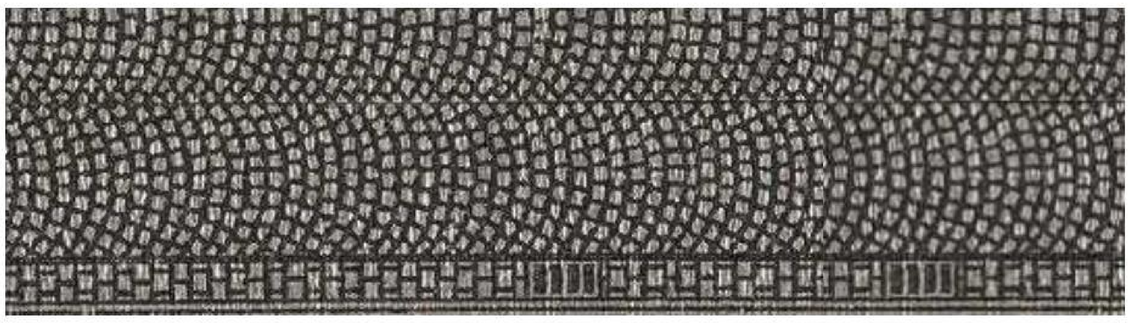
TT **48470** ***Federal Road***
grey, 100 cm x 4.8 cm (delivered in 2 rolls)



H0 **60490** ***Highway***
grey, 100 cm x 7.4 cm (delivered in 2 rolls)

N **34090** ***Highway***
grey, 100 cm x 4.8 cm (delivered in 2 rolls)

1 G 0 **H0** **TT** **N** **Z**

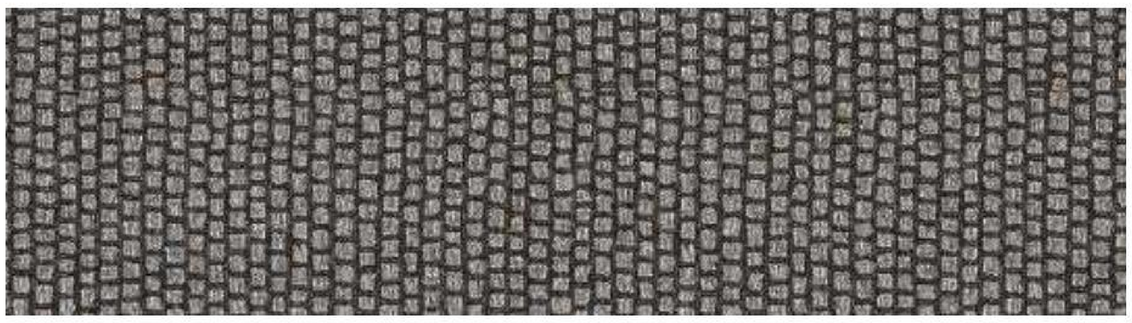


H0 **60430** ***Cobblestone***
100 cm x 5 cm (delivered in 2 rolls)

TT **48430** ***Cobblestone***
100 cm x 5 cm (delivered in 2 rolls)

N **34070** ***Cobblestone***
100 cm x 3 cm (delivered in 2 rolls)

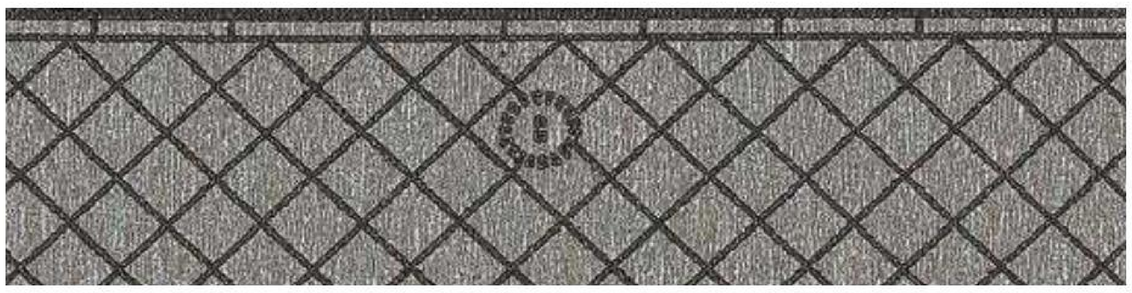
Z **44070** ***Cobblestone***
100 cm x 2.5 cm (1 roll)



H0 **60440** ***Old Town Cobblestone***
100 cm x 5 cm (delivered in 2 rolls)



H0 **60450** ***Pedestrian Walkway***
100 cm x 1.2 cm (delivered in 2 rolls)



H0 **60620** ***Pedestrian Walkway***
100 cm x 2.5 cm (1 roll)

TT **48450** ***Pedestrian Walkway***
100 cm x 1.5 cm (1 roll)

N **34071** ***Pedestrian Walkway***
100 cm x 1.2 cm (1 roll)



H0 **60550** ***Car Park***
2 flexible sheets, 20 cm x 10 cm, one plane printed with various symbols, including 4 parking meters



H0 **60570** ***Paved Place***
2 flexible sheets, 20 cm x 10 cm

TT **48570** ***Paved Place***
2 flexible sheets, 20 cm x 10 cm

N **34170** ***Paved Place***
2 flexible sheets, 20 cm x 10 cm

Craft Tip:
Solid white centre line

The NOCH Roads, Paths and Squares shown on this page are self-adhesive and made of particularly stretchy and tear-resistant special crepe paper. Bends of all kinds can therefore be laid easily. For extremely narrow curves (e.g. hairpin curves on mountain routes), cut the roads along the curve radius and glue them so they overlap slightly. You can make both solid and broken centre lines. Most NOCH Roads packs consist of two individual road rolls. The centre line is solid on one roll and broken on the other. If you want to build a road with a solid centre line now, for example, first lay the roll with the broken line and stick the other carriageway with the solid line on top of it, with a slight overlap. If you want to break up a solid centre line after a stretch of several centimetres, cut the roll with the broken line at the »interface« and stick this onto the roll with the solid line with an overlap.

NOCH Road Crepe Paper is ideally suited to the FALLER Car System. First, fix the special guide wire with some adhesive strips. Next, lay the NOCH Road Crepe Paper on the special guide wire. The FALLER Car System vehicles can safely go for a spin on NOCH Road Crepe Paper.



Portals

Even roads and paths lead through tunnels and underpasses. That's why we offer two attractive road portals made of our well-known NOCH Hard Foam. You can find many practical craft tips on the hard foam material in the »Walls and Portals« chapter of this catalogue.

Made in Germany



H0 **58300** ***Underpass***
14 cm x 10 cm

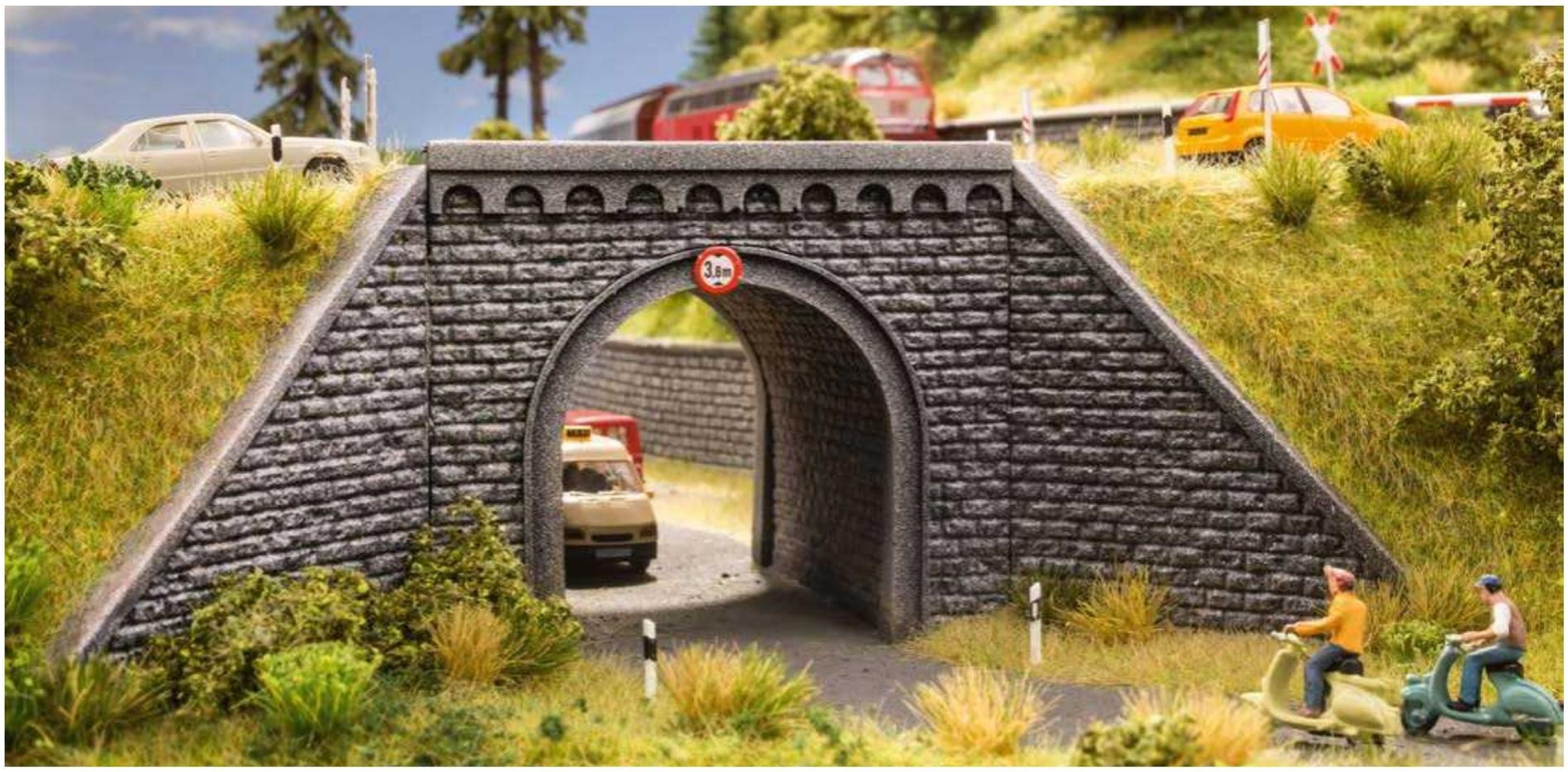


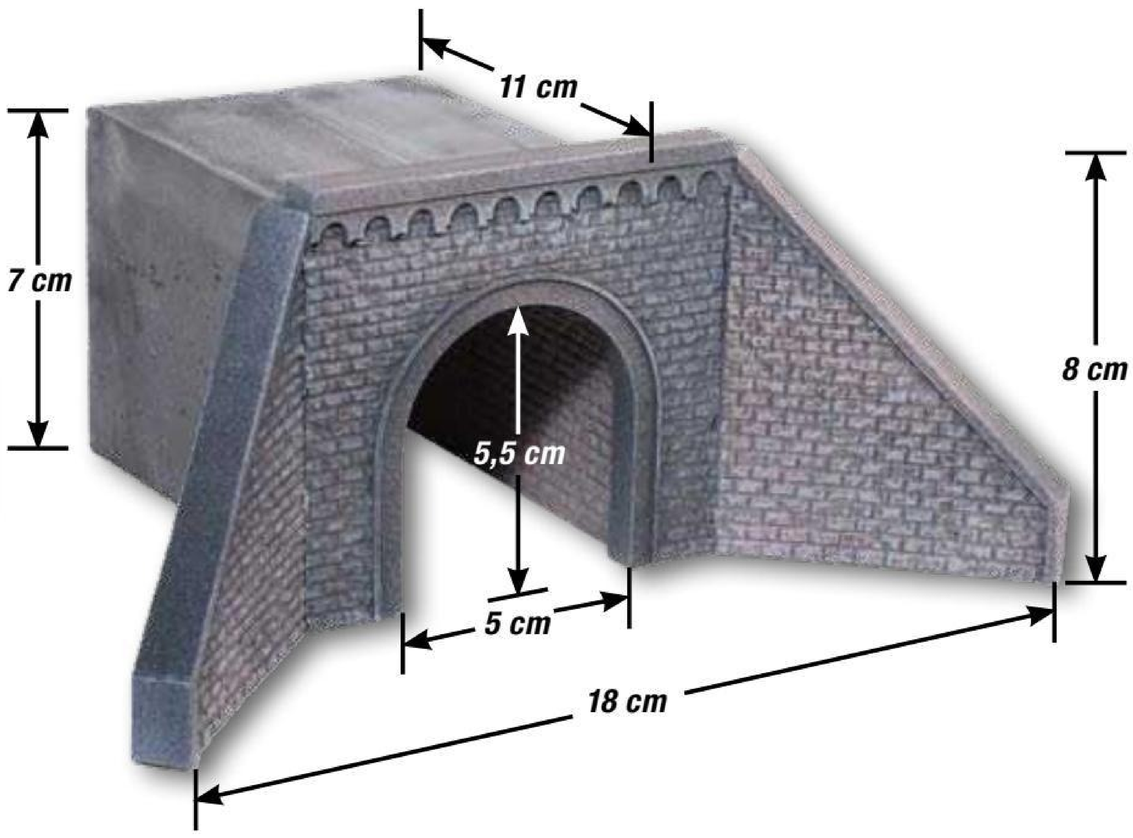
H0 **58290** ***Street Tunnel Portal***
14 cm x 11 cm

Underpasses

With this high-grade hard foam item, an extremely realistic model underpass can be created. The set includes a portal with matching wing walls and a tunnel pipe of approx. 10 cm in length.

In order to build an underpass with two sides (that is, with an entrance and an exit), you will need two sets.



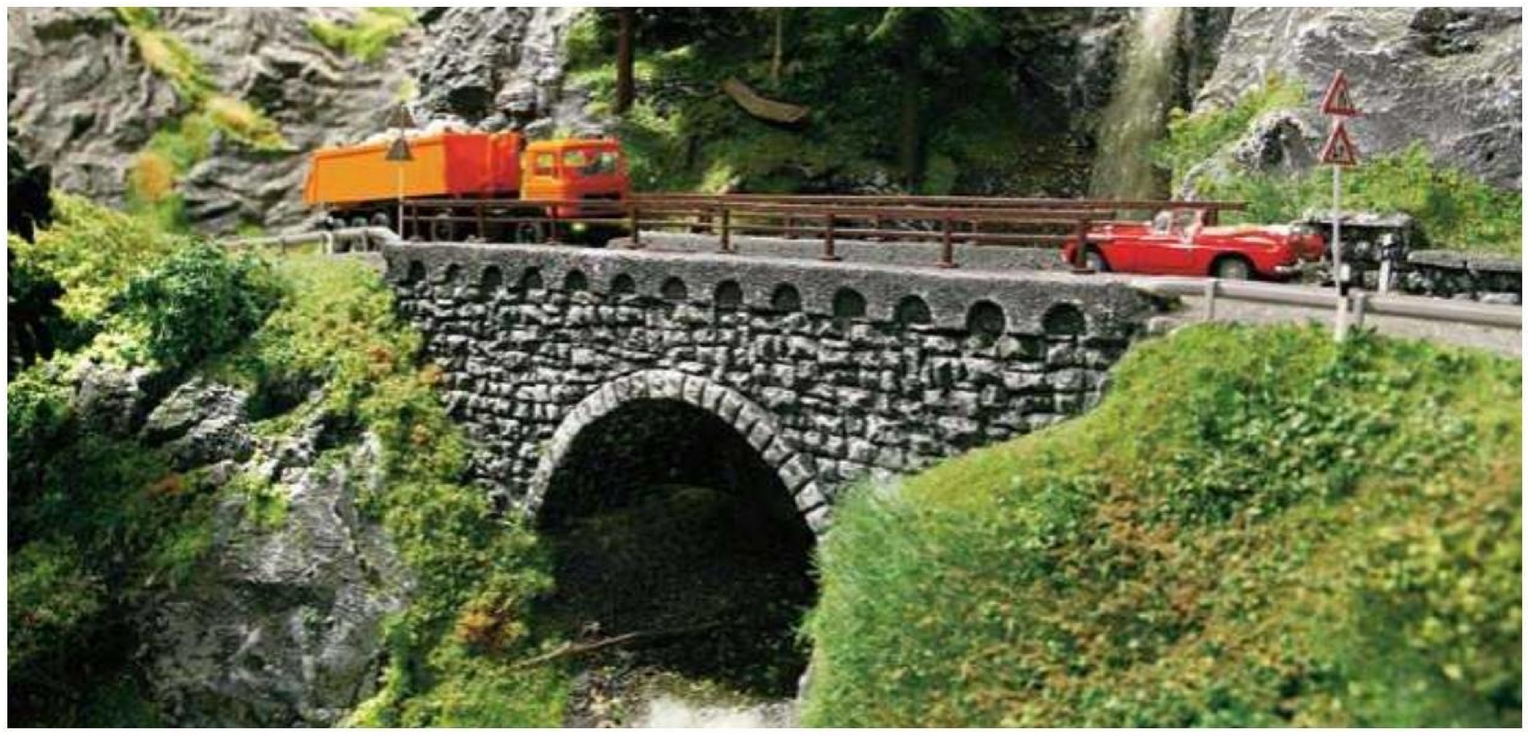


H0 **58292** ***Underpass***
1 portal, 2 wing walls, 1 pipe

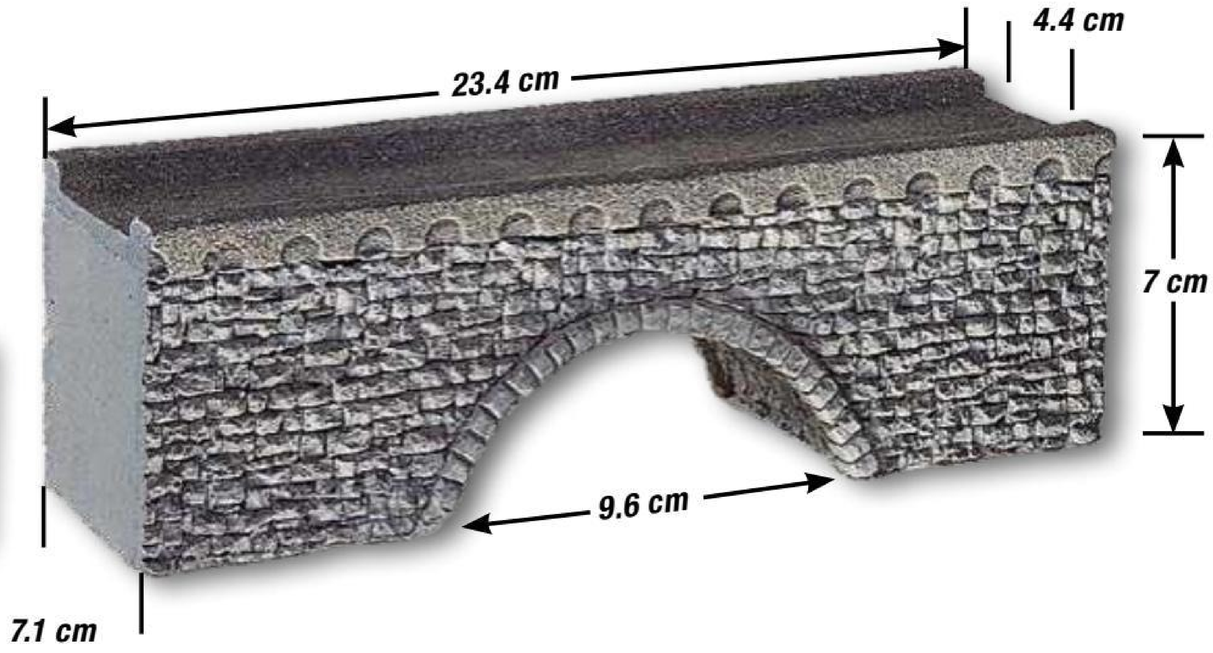
Achtobel Bridge

The Achtobel Bridge is a high-quality ready-made bridge model made of structured hard foam. The bridge can be employed as a small railway bridge (suitable for all H0 track systems including MÄRKLIN® C track) as well as a road bridge.

Note: *many NOCH Bridges can also be used as road bridges. The complete selection of bridges can be found in the »Bridges and Viaducts« chapter in this catalogue.*







H0 **58690** ***Achtobel Bridge***
Ready-made Structured Hard Foam Bridge Model

Culverts

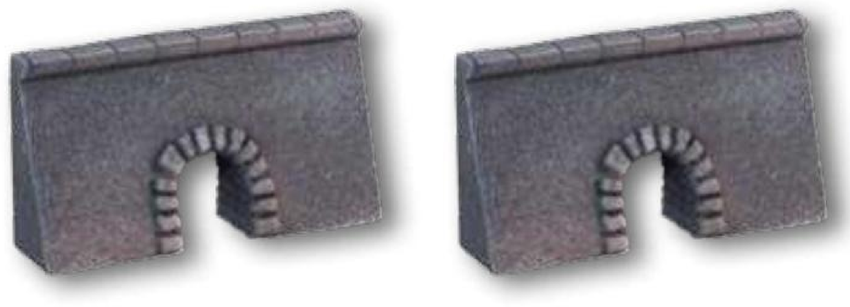
Culverts can be found on road and railway embankments, paths and steep slopes. Two particularly typical ones, the pipe and the tunnel, can be modelled with products from the popular Structured Hard Foam Series.











H0 **58294** ***Culvert »Pipe«***
2 pipe exhausts, 8 cm x 2.9 cm, 2 walls, 8 cm x 2.5 cm

H0 **58296** ***Culvert »Tunnel«***
2 tunnel exhausts, 8 cm x 4.3 cm

As in Nature, Water Attracts all the Attention

Many roads lead to the same goal: this also applies to water structuring, which is undoubtedly the pinnacle of model landscaping.
To help you find the right NOCH product for your purpose as quickly as possible, we have created an overview for you on the following pages.

The table on pages 104 and 105 gives you a particularly quick initial overview. Choose the products from our wide range that are best suited to your craft project.

G 1 0 H0 TT N Z

Rivers, Lakes and Water Bodies

Perfect Set »Lake« – from page 106
- *Everything to make a perfect lake*

Water-Drops® – page 108
- *Melt and pour easily*
- *Very versatile use*

2K Water Gel – page 110
- *Two-component material*
- *For the perfect imitation of water, ideal for stagnant waters*

Artificial Water – page 111
- *Transparent when dry, ideal for small, shallow waters*
- *Very easy to use*

Aqua Effects, Waves & Billows, Foam & Spume – from page 112
- *For reworking and detailing*
- *Can be combined with all other water products*

NOCH Water Products and their Applications

NOCH offers a variety of products for water design, which differ in application, result and price. Items have been perfected for their respective application but may be less suitable for other applications.
We keep getting questions about this and so we would like to give you an overview here.



Special Products for Custom Requirements

There are two main areas of application. Products for creating a base for a body of water (this includes Lake Film, Artificial Water, 2K Water Gel and Water-Drops®) as well as products for creating water surfaces (this includes Aqua Effects, Waves & Billows and Foam & Spume).
Before making a purchase, you must first clarify what type of water you want to represent and what it looks like in reality. A lake or a harbour basin naturally have a completely different appearance to a roaring torrent.
As an example, imagine you are standing on a jetty and looking at the surface of a marsh pond. What do you see?
You will probably see a dark, reflecting surface that flickers in the wind and no base with stones and sand. The same is true of a quarry lake, a stream or a harbour.
To bring it down to a common denominator, the deeper a body of water is, the easier it is to represent it in a model. In principle, you only need paint that creates depth and colouring of the water as well as a product to make a water level, e.g. Artificial Water or 2K Water Gel, and a product for designing gentle surface waves, such as Aqua Effects.

The procedure for designing a mountain stream with a roaring deluge of water set against large stones and boulders is completely different. In addition to that, streams feature a slope. The water foams, and rapids and waterfalls emerge. We recommend using Water-Drops® supplemented by Waves & Billows for this.
Another essential point when using a product is the nature of the substructure on which the model water body is to be built. If it consists of heat-sensitive materials such as Styropor® or plastic, as is the case with a NOCH Preformed Layout, a material that is melted beforehand cannot be worked with immediately. If NOCH Water-Drops® are to be used anyway, the substrate must first be sealed with a 3 mm 5 mm thick layer of NOCH Modelling Compound (ref. 60920, page 40). After hardening, this absorbs a sufficient part of the heat and thus protects the substrate from damage.
Once the above questions have been clarified, you can choose a NOCH Water product to suit your project.

NOCH Products at a Glance

NOCH Artificial Water



Refs. 60873, 60874 and 60876, page 111
Solvent-free, therefore suitable for all substrates

NOCH Artificial Water is offered in the packaging sizes 125 ml, 250 ml and 500 ml.
It is a one-component material based on dispersion. The material s water content is approx. 50%. When it dries, it evaporates, and the volume is reduced by about half.
The product is ready to use and can simply be poured out of the bottle. The drying time is between 24 and 48 hours. The material is the easiest material to use at a very attractive price. Suitable for creating a smooth water level.

Application:
The surface must be flat and waterproof. If necessary, seal with NOCH Modelling Compound (ref. 60920, page 40). Paint substrate, e.g. with the NOCH Riverbed Colour Set (ref. 60875, page 107). Once the paint has dried, pour on the Artificial Water max. 2 mm to 3 mm high and allow to dry for approx. 24 hours. A 1 mm 1.5 mm thick water level is then created. So, small puddles of water and flat stagnant waters can be realistically created in no time at all.

Warning:
Do not pour on another layer later on. Further applications cause the surface of the already dried Artificial Water to liquefy again and thereby become cloudy. This clouding might go on in this condition for several weeks until it dissolves. This procedure is therefore not recommended. If you d like to create a deeper water level, we recommend 2K Water Gel.

2K Water Gel and 2K Water Gel color



Refs. 60870 and 60871, page 110
Solvent-free, therefore suitable for all substrates

NOCH 2K Water Gel also known as cold glaze consists of two components (»2K«), namely a resin and a hardener. These components must be mixed exactly in a ratio of 1:1. 2K Water Gel is the only NOCH Water product that can also be used for casting things and objects in the creative handicraft and DIY sector. Its brilliance and exquisite, glass-like surface are captivating.
The 2K Water Gel is ideally suited for designing deep waters with a calm water surface, as the material can be poured on in a thicker layer. Subsequent application of a further layer is also possible.

Application:
The substrate must be flat and waterproof. If necessary, seal with NOCH Modelling Compound (ref. 60920, page 40).
Paint substrate, e.g. with the NOCH Riverbed Colour Set (ref. 60875, page 107). Once the paint has dried, pour on 2K Water Gel mixed in a ratio of 1:1. The layer can be approx. 3 mm 7 mm thick. The 2K Water Gel color should be coloured with the enclosed colour concentrates before pouring when mixing the resin and hardener. You can use the colouring to enhance the depth effect of the water.

Water-Drops®, Water-Drops® easy and Water-Drops color



Melting granules (refs. 60855, 60858 and 60856; pages 108-109) are processed when hot and thus are not suitable for heat-sensitive substrates.

NOCH Water-Drops® are the »universal product« par excellence. Water-Drops® can be used to represent lakes, rivers and raging mountain brooks and torrents. The Water-Drops® are melted in the oven and then processed while hot. With the colour granules contained in Water-Drops® color, water can be tinted blue, green or brown and still retain its transparency. NOCH Water-Drops® easy are sufficient for smaller projects. What s particularly practical is that they are provided in a heat-resistant tub for direct use in the oven.

Application:
The substrate must be heat-resistant. With Styropor® and plastic substrates, it is necessary to apply NOCH Modelling Compound (ref. 60920, page 40) to a thickness of approx. 3 mm 5 mm, which will later absorb the heat. The substrate can then be painted, e.g. with the NOCH Riverbed Colour Set (ref. 60875, page 107). The Water-Drops® are poured into a heat-resistant container (e.g. glass, metal) and mixed with the plasticiser they contain. The mixture is then melted in the oven at 150°C. It should be stirred several times in order to mix the Water-Drops® and plasticiser well. Once the paint has dried, the melted Water-Drops® can be poured onto the prepared substrate. As the temperature drops, the material then becomes increasingly solid. It can be heated up again at any time with a hot glue gun or a hairdryer and thus reworked. This also removes small air bubbles or surface tension on the bank area. In a honey-like consistency, Water-Drops® can be used to excellent effect on slopes, as the flow speed is greatly reduced. Ideal for creating mountain brooks and torrents.
If you still have melted Water-Drops® left over after pouring, you can let them cool in the container, store them and reheat them in the oven at any time. The Water-Drops® are then reusable.

Note: please read the product and processing instructions that you receive with the product.

Aqua Effects



Ref. 60872
Suitable for waterfalls, rapids and waves, page 112.

Aqua Effects have a creamy consistency. To design rapids and waves, material is simply squeezed out of the bottle and spread on the corresponding spot on the water surface. The shape can be modelled with a paintbrush or toothpick. Aqua Effects are transparent when dry.

Application:
To design a waterfall, the length and width of the waterfall which is to be built into the terrain later is transferred onto a piece of baking paper. You then put Aqua Effects next to each other on this surface strip by strip until a continuous surface emerges. After a good hour, you can model the waterfall with a toothpick and bring it into the desired shape. Then let it dry completely until it is milky transparent. Repeat this process until the waterfall has the desired volume. When it is completely dry, you can peel the waterfall off the baking paper and install it in the terrain.
You can also use Aqua Effects to secure and create the transitions above and below.



Waves & Billows



Ref. 60861
Suitable for high waves and billows, page 113

Application:
»Waves & Billows« is a jelly and can be spread onto the water surfaces with a small putty knife or spatula. To model higher waves that break in the shore area, for example, the mass is first »pushed« towards the shore with a bristle brush. To be able to erect the waves, the material must first dry a little and form a stabilising skin. Then erect the mass like a »cockscomb«. You may have to repeat this process until the wave is secure and can harden. The material becomes hard after approx. 12 18 hours and is transparent when dry.

Foam & Spume



Ref. 60862
Suitable for creating foam and spume effects, page 113

Application:
Use »Foam & Spume« for super-realistic, professional »finishing touches«. Put the icing on the cake in the form of whitecaps on waves or foaming water in a torrent. Incidentally, the material is coloured model water and not just a white paint. A normal white colour would suppress a glossy appearance and make the water appear dull. With a small brush, carefully dab on foam and spume and only on the tips of the waves. These little white crowns are enough to make the water look like it s moving and frothing up.

Product	***Material and application***
Products for creating a base for a water body	
Artificial Water	*1-component material, easy to pour straight from the bottle.*
2K-Wasser-Gel ***2K-Wasser-Gel color***	*2-component material, blended together before use. Mixing ratio 1:1 resin to hardener (cold glaze)*
Water-Drops® ***Water-Drops® easy*** ***Water-Drops® color***	*Melting granules are melted before use in the oven and thereby liquefied. Hardened by cooling.*
Products for designing Waterfalls, Rapids and Waves	
Aqua Effects	*Creamy compound*
Waves & Billows	*Viscous jelly*
Foam & Spume	*Liquid dispersion*



	Suitable for	Advantage	Disadvantage	Page
	• calm, flat bodies of water (e.g. quarry lake, pond, river, etc.) as well as small garden ponds, pools and puddles • product suitable for beginners	• easiest application • professional result • cheap material price	• volume shrinks when hardening by approx. 50% • can be poured in to a maximum of 2 mm 3 mm high (result 1 mm 1.5 mm height) • can only be used as a single layer (not possible to pour on subsequent layers)	111
	• calm, deep bodies of water (e.g. quarry lake, pond, river, harbour basin, etc.) • product suitable for advanced modellers and professionals	• professional result • water layer has high brilliance (glassy) • can be filled higher than with Artificial Water • can be applied in several layers, subsequent topping up is possible • also suitable for casting decorative objects • things and objects (creative handicrafts, DIY) • only 2K Water Gel color: can be coloured	• material that has already been mixed must be used up. Material that is not required cannot be used later and must be disposed of • high material price	110
	• lakes, rivers, streams, mountain brooks, raging torrents • product suitable for all modellers	• THE universal material, suitable for the widest range of purposes • material can also be melted subsequently with a hot glue gun or a hairdryer. This allows surfaces to be subsequently modelled or repaired. • Leftover material can be stored and reheated weeks later and used for another project • only Water-Drops® color: can be coloured	• not suitable for heat-sensitive surfaces, e.g. NOCH Preformed Layouts and Styropor® (if necessary, seal with NOCH Modelling Compound) • material subsequently remains sensitive to temperature. Rupture of the water surface possible due to high temperature fluctuations. • thus not suitable, for example, for transportable module layouts which are to be transported to fairs and exhibitions in different seasons/temperatures.	108 109
	• waterfalls, rapids, waves	• suitable for many different applications • ideal for waterfalls • can be used straight from the bottle	• not for forming high waves and billows, as it s too creamy	112
	• high waves and billows, extreme effects	• for voluminous, high waves • can be used straight from the tub	• not always ideal for finer effects and waterfalls	113
	• whitecaps, spume	• ideal for realistic »finishing touches« • professional product	• is not transparent when dry and cannot be changed or concealed afterwards. Therefore use carefully.	113

Note: please read the product and processing instructions that you receive with the product.

Make the Perfect Lake

Perfect Set »Lake«

Everything you need to make a perfect lake is contained in this set. You pour out a prepared lake bed with the Water-Drops®, create the surface with Waves & Billows and decorate the bank with Grass Tufts. To make everything as easy as possible for you, the Perfect Set contains a free DVD with an instruction video.
You re guaranteed to succeed in building your model lake!

Including gratis DVD!



60813 ***Perfect Set »Lake«***
Contents: Water-Drops® »color«, 250 g
transparent granules and each 25 colour granules blue, green, brown (ref. 60856)
Waves & Billows, 150 ml (ref. 60861)
Grass Tufts Mini Set »Meadow«, 42 pieces (ref. 07037)

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Give Your Bodies of Water the Right (Foundation) Colour!

Riverbed Colour Set

With the Riverbed Colour Set, you can create any kind of realistic beds of waters. From clear mountain streams to turquoise Alpine reservoirs, from brown-black moor ponds to blue-green swimming lakes: depending on the mixing ratio of the colours in the water, you will get a very unique ground colour.



60875 ***Riverbed Colour Set***
100 ml neutral acrylic paint and each 10 ml concentrate blue, green und brown

Craft Tip:
Riverbed Colour Set

The acrylic paint is first mixed with small amounts of the various concentrated colours until the desired shade is reached.
Next, simply apply the paint onto the ground of the water with a paintbrush (see also craft tip on page 111).





Lake Film

For creating natural-looking water surfaces: easy to cut and glue on.





60850 ***Lake Film***
blue, with wave structure, 41 cm x 26 cm



Water-Drops® do the Trick!

Water Structuring with Water-Drops®

Two things make Water-Drops® indispensable in creating waters: that they are easy to work with and that they offer the possibility to create details like waves or rapids through subsequent heating.
As a product family, the Water-Drops® are available in three variations. The Water-Drops® »transparent« are ideal for creating crystal-clear lakes, rivers and streams. To design ground that is coloured, we recommend the Riverbed Colour Set (ref. 60875, see page 107).
The Water-Drops® »color« additionally contain blue, green and brown drops for mixing with the transparent drops. Hence, you can create a totally individual colour scheme for your waters.
Finally, the Water-Drops® easy make working with the Water-Drops® even easier. Simply remove the lid and place the heat-resistant plastic tub in the oven for melting.

Water-Drops®

Water-Drops® are the perfect substance for reproducing stagnant and flowing waters in a model. In particular, the ability to re-melt the body of water after it has hardened (for example, with a powerful hairdryer) opens up many possibilities for the modeller. Waves can subsequently be moulded or scratches removed from the water's surface.
Water-Drops® are offered in »transparent« and »color« variations.
***Warning: Risk of burns!** Processed while hot! Wear gloves!*

Advantages:
- Easy to work with
- Fast-working (short hardening time)
- Easy to dye
- Can be reworked by heating



60855 ***Water Drops® »clear«***
250 g, for approx. 300 ml



60856 ***Water Drops® »color«***
250 g transparent, for approx. 300 ml, each 25 g blue, green, brown

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Craft Tip:
Water-Drops® and Water-Drops® easy

The Water-Drops® are simply melted in the oven in a heat-resistant container (e.g. a jam jar). After melting, the substance retains a honey-like consistency for approx. 3 minutes. It can now be poured into the prepared stream- or lake bed. If the water on your model landscape has hardened and you want to make further changes to the water surface, no problem: you can re-melt and re-work the surface at any time with a hair-dryer.

With a heat gun, you can even liquefy the entire Water-Drops® water body. This allows you to work on waves or rapids afterwards.
***Warning: Risk of burns!** Wear gloves! Do not heat in the microwave! Only suitable for adults.*



The Water-Drops® are melted in the oven ...



... and poured into the prepared streambed. Warning: the Water-Drops® are processed while hot! Wear gloves!



Thanks to the low melting point of the Water-Drops®, the substance can be melted down and reworked with a hair-dryer

Water-Drops® easy

Water-Drops® easy make it even easier to construct lakes and rivers. The tub is made of a heat-resistant plastic and is thus also the melting vessel. Simply melt the Water-Drops® easy in the oven on 150° C and then remove the lid. The melted Water-Drops® easy are then poured into the prepared lake or flowing brook and harden completely within a few minutes.
***Warning: Risk of burns!** Hot while processed! Wear gloves!*





Simply melt Water-Drops® easy in the tub in the oven...



and pour into the prepared lake – and that's that!



60858 ***Water-Drops® »easy«***
150 g
for approx. 160 ml

Info Tip:
Water-Drops®

***Warning: Risk of burns!** Wear gloves!*
Do not heat in the microwave! Only suitable for adults.



Still Waters Run Deep

Water Structuring with 2K Water Gel

2K Water Gel is a fascinating substance: easy to work with and producing exciting results. It is the material of choice for replicating stagnant waters (such as lakes or ponds). However, rivers and streams can also be beautifully represented in a model.
For creating water surfaces, e.g. Aqua Effects (ref. 60872) or Waves & Billows (ref. 60861) can be used.
Applying 2K Water Gel is very simple: first, mix the two components in a ratio of 1:1.

Now you have approx. 120 minutes to work with the 2K Water Gel. During this time, the consistency of the 2K Water Gel changes from watery to viscous (see also craft tip).
In order to give the water some colour, there are two options: either you paint the lakebed with the Riverbed Colour Set (ref. 60875) or you use the 2K Water Gel »color« (ref. 60871), which can be dyed, thanks to the concentrated paints included in the pack.

2K Water Gel

Amazingly true-to-life lakes and rivers can be built with our popular 2K Water Gel. The two components are mixed 1:1, stirred and then poured out. For a colourful design, either the Riverbed Colour Set (see below) or the 2K Water Gel »color« is used.

Using the Riverbed Colour Set, the lake bed has to be pre-coloured (see also craft tip). With the 2K Water Gel »color«, the concentrated colour is stirred directly into the 2K Water Gel. The pack contains concentrated blue, green and brown paint, enabling every shade of the water to be reproduced in the model.



60870 ***2K Water Gel »transparent«***
2 components, each 100 ml



60871 ***2K Water Gel »coloured«***
2 components, each 50 ml
2 ml of each colour batch
blue, green und brown

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Craft Tip: 2K Water Gel

After mixing the two components »Water Gel Resin« and »Water Gel Hardener« in a ratio of 1:1, the mixture begins to solidify. Immediately after mixing, the 2K Water Gel is watery and perfectly suited for designing stagnant bodies of water such as lakes or ponds. After approx. 30 minutes, the consistency becomes honey-like: perfect for realising flowing waters.

After 90 to 120 minutes, the now viscous 2K Water Gel can be used to create optimal streams in steep terrain. Another advantage: 2K Water Gel can also be used on thermoplastics (heat-sensitive plastics like e.g. NOCH Preformed Layouts).



Begin by pre-colouring the lakebed ...



and decorating the bank.



After mixing the two 2K Water Gel components ...



the mixture is poured out ...



and then spread around with a paintbrush.



While the water surface is still soft, e.g. boats can be pressed into it.



The Easiest Way to Create Model Water Bodies!

NOCH Artificial Water is certainly the easiest way to design a lake, pond or small stream without inclines. The single-component substance does not have to be mixed but can simply be poured straight from the bottle onto the prepared stream- or lakebed. The substance has a (real) water base and therefore loses volume when it dries out.



60876 ***Artifical Water mini***
125 ml, ready to pour out of the bottle



60873 ***Artificial Water***
250 ml, ready to pour out of the bottle



60874 ***Artificial Water XL***
500 ml, ready to pour out of the bottle

Craft Tipp: Artifical Water

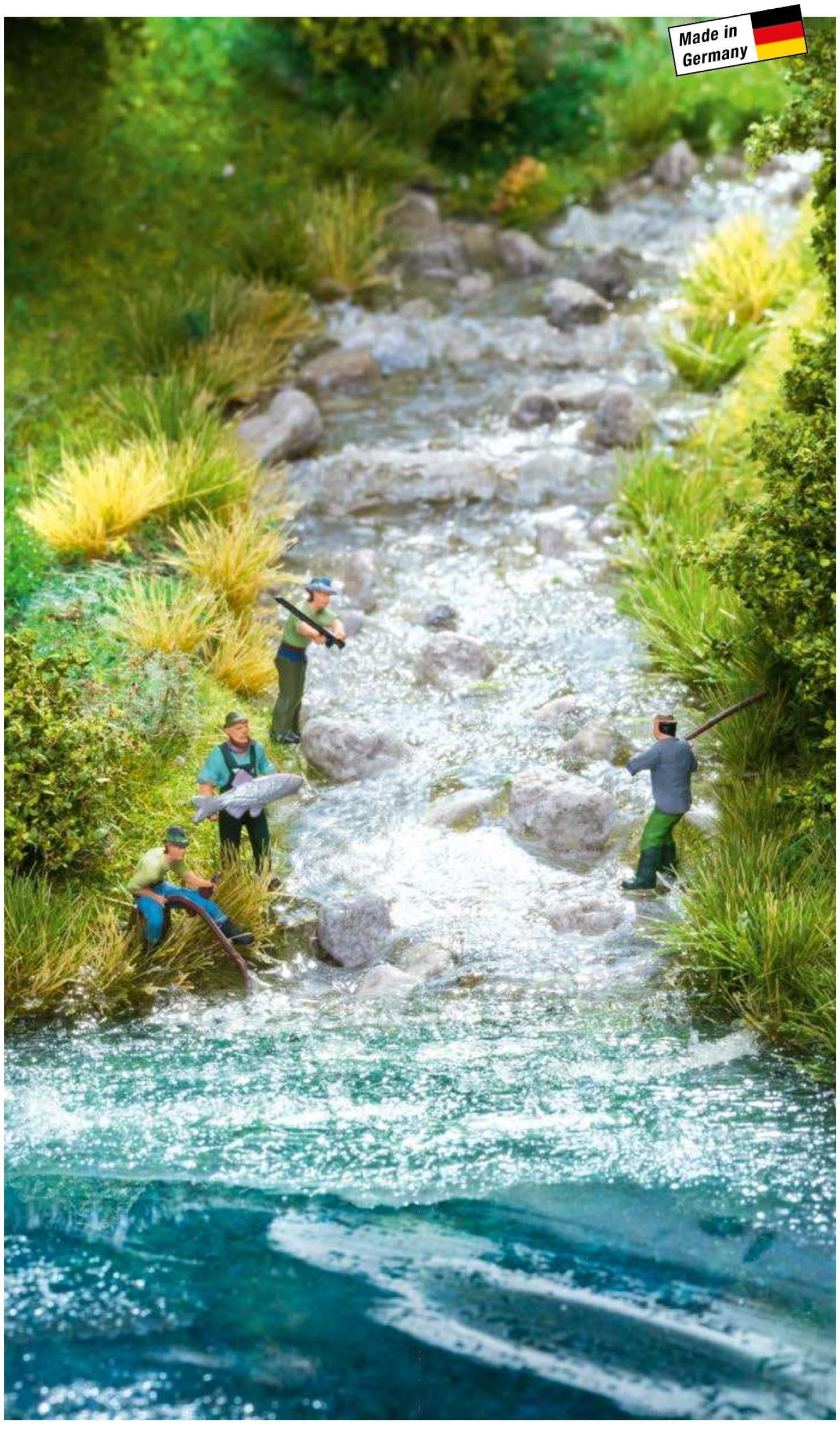
Paint the stream- or lakebed with the Riverbed Colour Set (ref. 60875) and leave to dry. The darker the colour, the deeper the water looks. After the paint has dried, pour the Artificial Water in one go to approx. 2 mm 3 mm high. Drying time approx. 24 hours. While hardening, the Artificial Water loses about 50 % of its volume resulting in a water level of 1 mm 1.5 mm.
Important: *Re-pouring is not recommended, since this can lead to clouding of the lowest water layer!*

Aqua Effects

With this Aqua Effects product from NOCH, special effects can be created on water surfaces made from Water-Drops®, Artificial Water or 2K Water Gel. You can easily reproduce realistic rapids and impressive waterfalls. Aqua Effects consists of a viscous white substance that is flexible and milky-transparent when dried out. Because of the very viscous consistency, you can also apply the substance directly on steep areas (e.g. waterfalls). To make rapids, for example, just apply a few brushstrokes of Aqua Effects onto the river, then spread around with a coarse bristle brush.



60872** **Aqua Effects
125 ml



Craft Tip:
Aqua Effects

NOCH Aqua Effects have a viscous, white consistency straight from the tube. The substance dries a milky-transparent colour after several hours.
Small waterfalls and whirlpools: *the Aqua Effects are applied directly onto the model landscape with a small paintbrush.*
Waterfall: *the waterfall is designed »lying down« and not installed into the landscape until dry. To do this, measure the height of the waterfall in the model landscape and transfer it onto supporting material. Then mould the waterfall »lying down« with a bristle brush. After the waterfall has dried (approx. 24 hours), carefully remove it from the supporting material and glue it in the model landscape.*
Info Tip: *the perfect instructions on working with the NOCH Water products are provided in our guidebooks (see pages 6 to 9).*





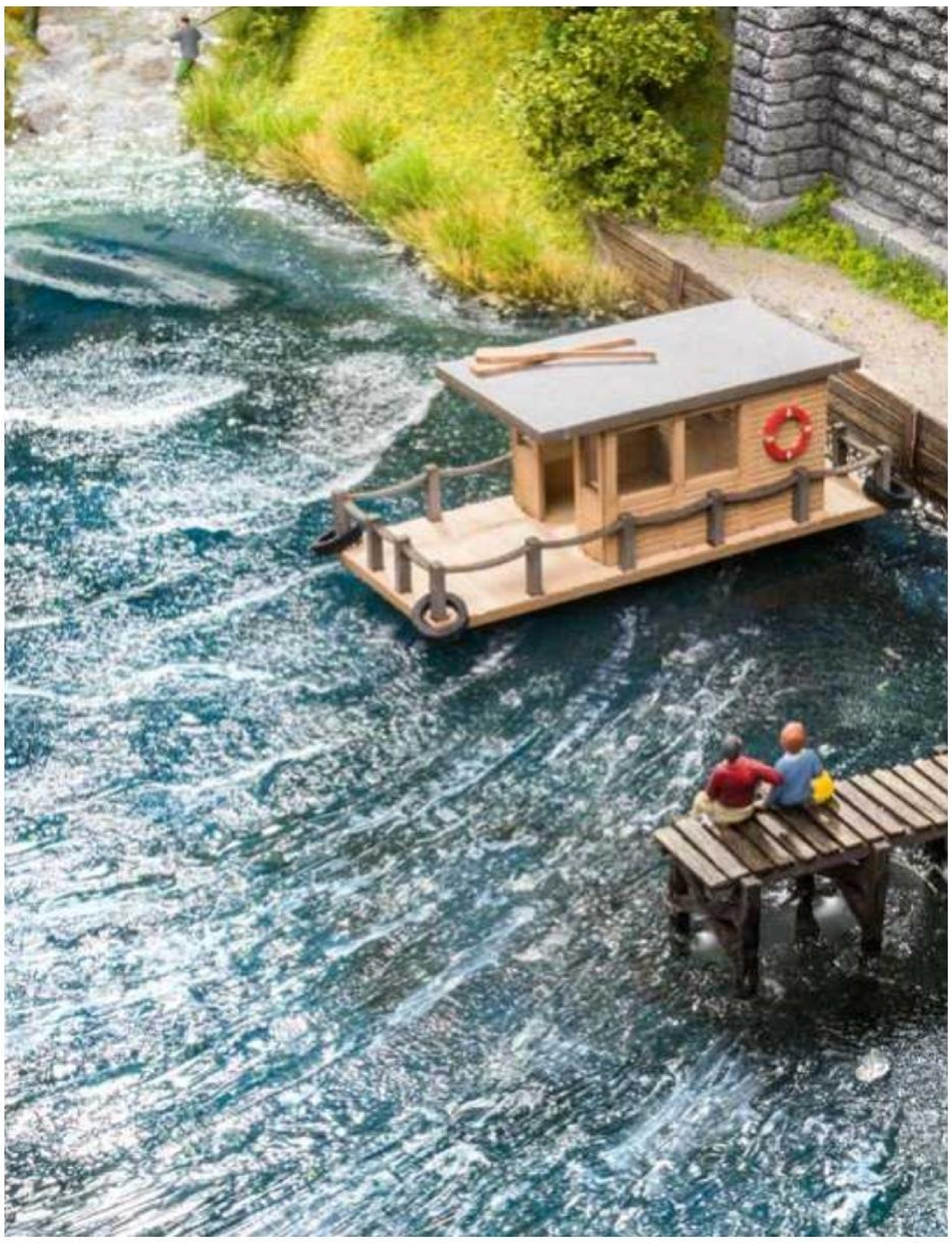




60861 ***Waves and Billows***
150 ml, easy-to-use tub

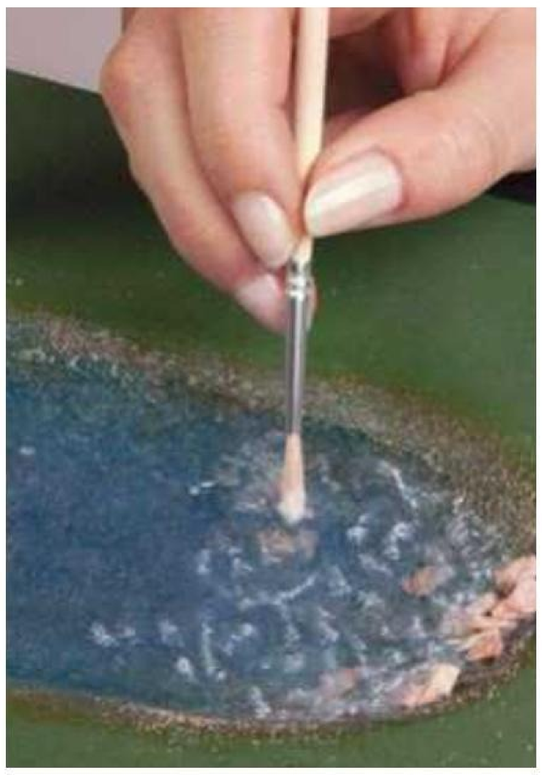
Waves & Billows

The product »Waves & Billows« was developed for designing high waves. It s ideal, for instance, for a beach scene with surfers or a diorama with a ship on the high seas. This is a paste-like mixture, which is applied to the water surface with the aid of a small spatula or toothpick.
After some rough modelling, the mixture is first allowed to set for half an hour and then moulded into the desired shape with a spatula, toothpick and coarse paintbrush.



Foam & Spume

Every wave that breaks, every brook that rushes, and every waterfall that plunges into a mountain lake, produces waves as well as white surf. To be able to perfectly reproduce these wonderful highlights, NOCH »Foam & Spume« was developed. This fine substance can be carefully applied by brush onto the relevant water areas to give rapids, waterfalls and waves the ultimate, natural-looking touch. Since it is not white paint, »Foam & Spume« looks even more natural. Try it!





60862 ***Foam & Spume***
30 ml bottle

It Doesn't Get any Greener: Our Grasses, Blossoms and Plants are Fascinating in their Attention to Detail!

Anyone who appreciates lifelike landscape design is on the right track with us: we continue to bring innovation to the market in greenery, inspiring with their simple application and setting lasting trends. The NOCH Gras-Master has already won numerous awards and international success. Reason enough for us to develop it further.

We have made a compelling product even better discover the versatility of the NOCH Gras-Master 3.0 for your model landscape! Our innovative Grass Tufts also impress with their perfect design and incomparably realistic appearance. When it comes to fields, meadows and flowers, everything gets the green light with NOCH!

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Fields and Meadows

Set Items – from page 116
- *Our sets make starting to design landscapes and greenery easy.*

Gras-Master 3.0 – from page 120
- *For perfect electrostatic flocking with grass fibres that stay upright.*
- *Powerful!*

Greenery and Flocking – from page 123
- *Grass fibres, grass assortments, Scatter Material, Stones, Rubble and Ballast*

Natur+ – from page 136
- *Super realistic product and best quality thanks to a specially developed production process*

Grass Tufts, Grass Strips and Plants – from page 138
- *Virtually unlimited applications for beds, fallow land, field paths or embankments*

Laser-Cut minis – from page 142
- *Laser-Cut miniature plants made of special paper*

Get Started Easily with NOCH!

The first step is the easiest. For this to be true, we have put together some practical sets for you. This allows you to get to know the most important materials and methods and that way, you can be sure that you haven't forgotten anything important while shopping. It's time to unpack our useful sets on the following pages and get stuck in! We hope you have lots of fun!



Basic Set »Modelling«

How do you make getting started with the wonderful hobby of »model landscaping« as easy and smooth as possible? With the Basic Set »Modelling«! The package includes everything from creating the ground to flocking and structuring realistic waters, to get you building your own model landscape.

***Note:** the Water-Drops® easy included in the set are processed while hot. Risk of burns. Please wear gloves.*

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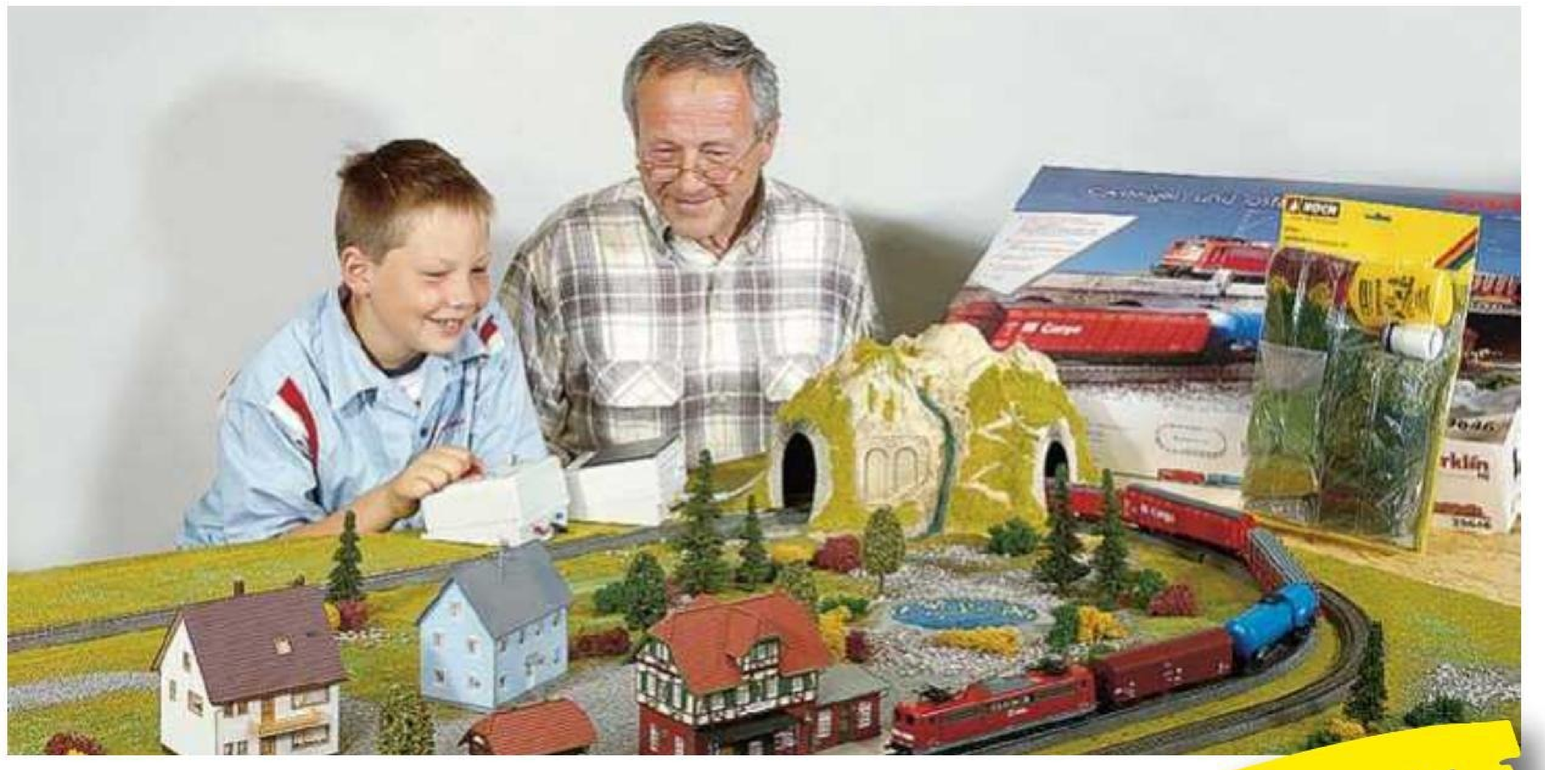
60801 Basic Set »Modelling«
Contents: 250 g of ballast
100 g of Terrain Paste, grey
150 g of Water-Drops® easy
50 g of Grass Glue
Puffer Bottle
40 g of Scatter Grass Summer »Meadow«
(length of the grass fibres 2.5 mm)
42 g of Scatter Material, brown
20 g of Lichen
40 Grass Tufts, mixed



G 1 0 HO TT N Z



Scenery Starter Kit

The NOCH Scenery Starter Kit offers everything you need for the initial design phase:

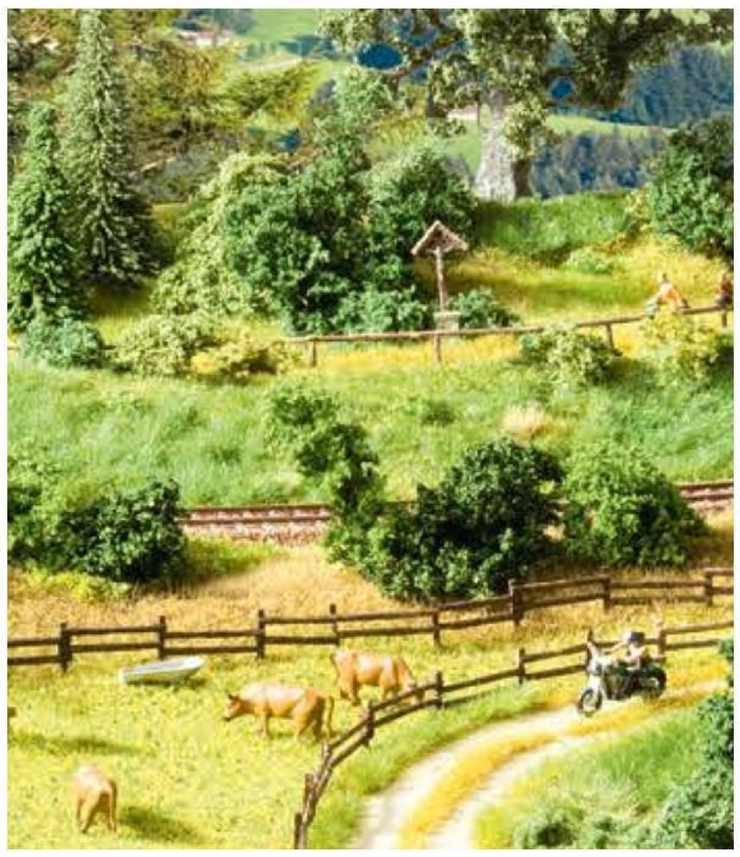
- *For creating rocks: NOCH Rock Compound*
- *For pastures and meadows: Scatter Grass with accompanying Puffer Bottle and Grass Glue to create high-quality grass areas*
- *For initial designs: a Mini Grass Mat, NOCH Scatter Material, Natural Stones as well as high-grade Lichen, 6 Model Fir Trees and 4 Deciduous Trees*

The Scenery Starter Kit is perfectly suited for H0, TT and N gauges.

Bestseller!



H0 TT N **60800** ***Scenery Starter Kit***







Start Set Vegetation

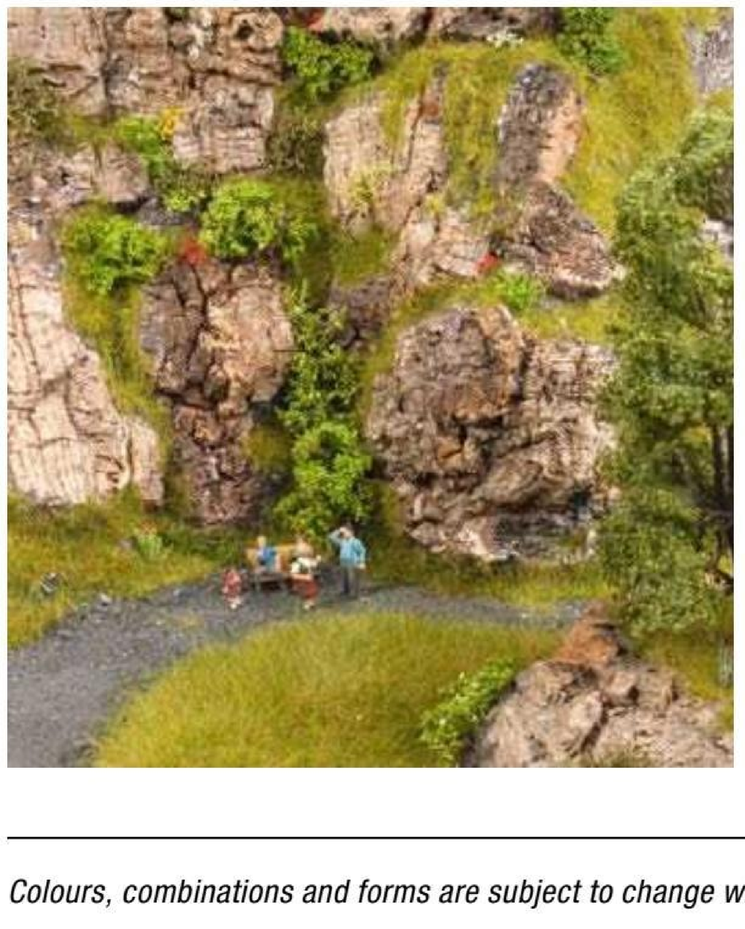
Electrostatic grass application gives your model landscape a certain something. With the Start Set Vegetation, this happens in a simple way, since the 2.5 mm-long Scatter Grass from NOCH can easily be applied with the Puffer Bottle.

Note: *to continue modelling, you'll find Grass Glue and Scatter Grasses in many different shades in the large NOCH range.*

Video clip

H0 TT N Z **07069** ***Start Set Vegetation***

Puffer Bottle, 40 g of Scatter Grass »Summer Meadow« 2.5 mm long
50 g of Grass Glue





Mini Start Set Landscaping

The Mini Start Set Landscaping contains a selection of the most popular modelling items with which you can create smaller model landscapes, dioramas or nativity scenes. All products are available to purchase separately to enable you to carry on modelling later.

60803 ***Mini Start Set Landscaping***

Contents: Mini Grass Mat »Meadow«, 28 cm x 22 cm
Scatter Material, medium green and brown, each 10 g
Bag of Lichen, dark green, yellow and red,
approx. 12 g each
Cork Rock Piece

Build the Perfect Embankment

Perfect Set »Right & Left Along the Tracks«

You are surely familiar with this situation: you want to tackle a new craft project to, for example, design a beautifully realistic railway embankment. But you have barely started when the crafting pleasure ends abruptly, because an important item is missing.
That can no longer happen to you with the new Perfect Sets from NOCH! With the new sets, you can rest assured that you have all the items you need to successfully complete your project. Another benefit of the NOCH Perfect Sets is that each one contains NOCH items in their original packaging, so it s very easy for you to buy the right item.

Designing the vegetation on both sides of the tracks is certainly one of the most challenging projects in model landscaping, for that is where vegetation is particularly abundant and correspondingly where many different products are used.
The Perfect Set »Right & Left Along the Tracks« includes these very products so that you find designing easy. The Perfect Set includes a detailed instruction video on DVD. So your project is guaranteed to succeed!

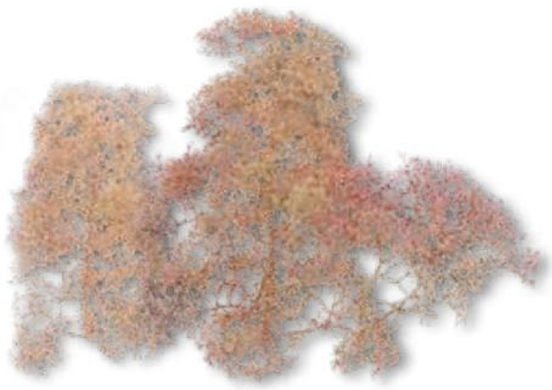
60811 ***Perfect Set »Right & Left Along the Tracks«***
Contents: Sea Foam for approx. 20 bushes
Foliage, light green, 20 cm x 23 cm (ref. 07270)
Meadow Foliage, medium green, 20 cm x 23 cm (ref. 07291)
Structured Flock, dark green, medium, 15 g (ref. 07343)
Structured Flock, bright green, fine, 20 g (ref. 07331)
Grass Tufts Mini Set XL »Meadow«, 42 pieces (ref. 07044)
Grass Tufts Mini Set »Field Plants«, 42 pieces (ref. 07034)



Including gratis DVD!

G 1 0 HO TT N Z

Perfect Set »Right & Left Along the Tracks«



Sea Foam: *the demanding natural material for creating tall plants, small bushes, dead branches and dried vegetation.*



Foliage: *the super-realistic material for designing ground cover, small bushes and overgrown plants. Simply pull it apart and then stretch and shape it however you like.*

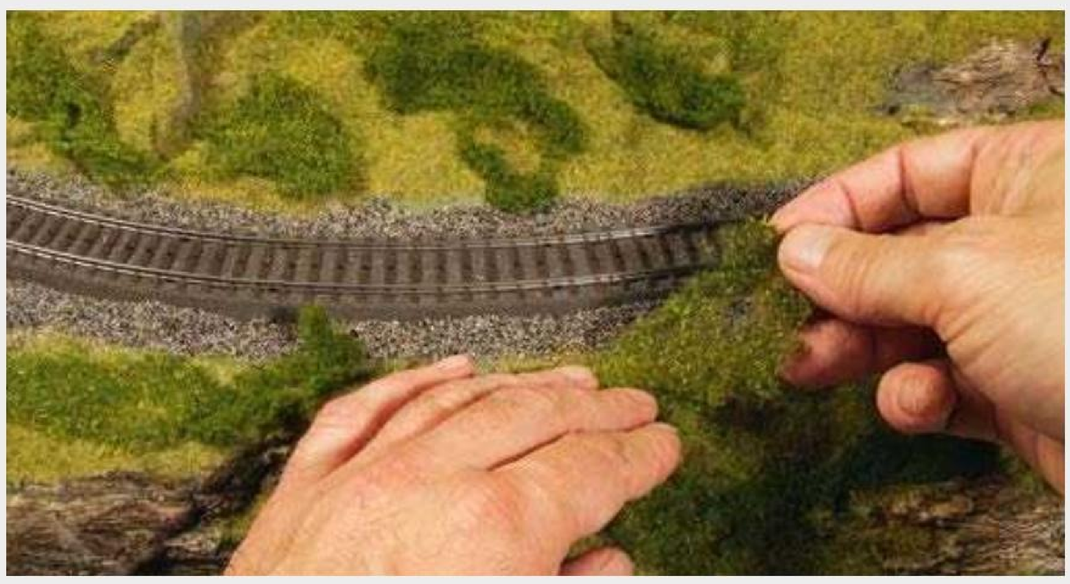


Structured Flock: *this high-quality flock material, specially developed for creating ground vegetation, is also ideal for flocking the sea foam.*



Grass Tufts: *these upright fibres are extremely versatile and bring volume, colour and dimensionality to vegetation design.*

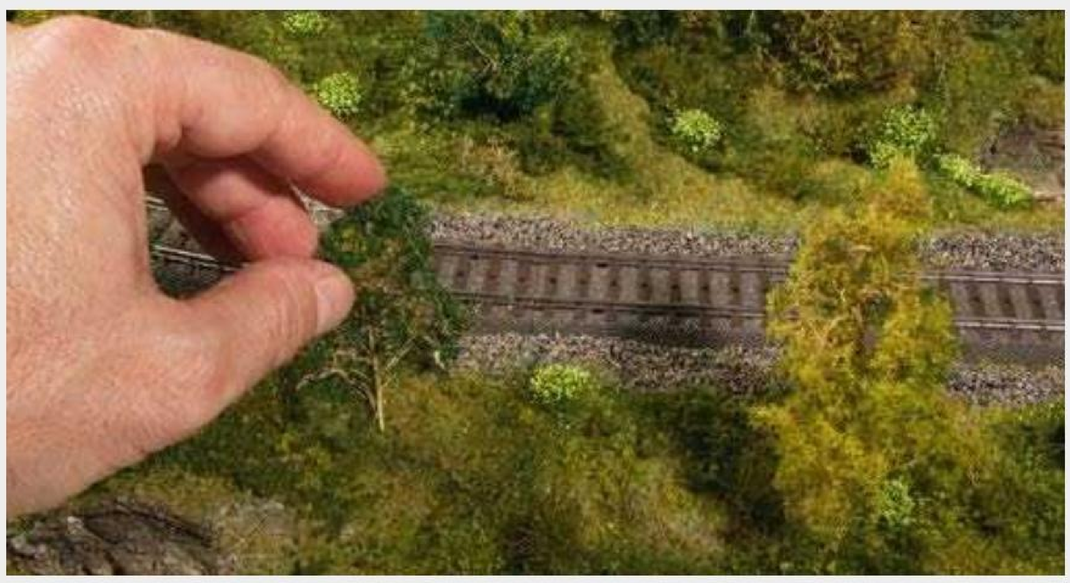
Craft Tip:
Perfect Set »Right & Left Along the Tracks«



Foliage can be used to create ground cover, weeds and shrubs on the embankment.



A second level of slightly higher shrubs is formed by glueing on Grass Tufts.



With Sea Foam, Grass Tufts and Structured Flock, bushes and small trees emerge.



The result: a perfectly designed railway track environment just like the original!



The (R)evolution of Electrostatics: Trust the Original!

NOCH Gras-Master 3.0

The Gras-Master by NOCH is still the benchmark when it comes to professionally flocking grass onto model railway layouts, dioramas and model landscapes. The first Gras-Master came onto the market in 2005. A true revolution. From then on, the industrial technology of electrostatic grass application was also available to the individual amateur railway modeller and at an affordable price!
We are now launching the Gras-Master 3.0 and the Gras-Master 3.0 PROFI. We can look back on over 15 years of experience, with thousands of devices sold and satisfied customers who have built great landscapes with the two predecessor models. Therefore, it was only natural to develop a new device that seizes on and perfects the strengths of its predecessors. An evolution of the original as per the user s wishes. Because what we ve all learned is that you should never change a winning team!

Product Highlights:

- *ergonomically re-engineered design*
- *wider handle for better handling*
- *shorter grass container, new sieve design for even better charging*
- *two versions: for ambitious railway modellers and for pros*
- *super-high power output up to approx. 11 kV with the Gras-Master 3.0 or approx. 16 kV with the Gras-Master 3.0 PROFI*
- *energy-saving electronics for longer tasks*

Note: *the respective technical data can be found in the info tables for the respective devices.*



The ground to be flocked with grass is coated with special NOCH Grass Glue (ref. 61130 or 61131).



The grass fibres are loaded into the grass container.
Different lengths and colours can thus be mixed together.



The crocodile clip (counter-pole) is fastened near the surface where the grass is to be applied.



Due to the electrostatic charge, the grass fibres stand vertically on the glue bed.



Video clip

60112 ***Gras-Master 3.0 PROFI***

Contents: Gras-Master 3.0 PROFI, counter pole with crocodile clip
three sieves for flocking grass fibres with different lenghts
eight 1.5 V AA batteries

Gras-Master 3.0 PROFI Highlights:

- *professional device for the highest demands*
- *evolutionary design*
- *extremely high, approx. 16 kV power output*
- *operation with 8 x 1.5 V AA batteries (included)*
- *operating time approx. 10 to 12 hours*
- *incl. three sieves (fine, medium and coarse) and detailed instructions*

NOCH Gras-Master 3.0 PROFI

The NOCH Gras-Master 3.0 PROFI was developed to meet modelling professionals highest demands. A power output of up to approx. 16 kV charges the grass fibres electrostatically.
Depending on the length of the grass, one of the enclosed sieves (fine, medium or coarse) is used. In conjunction with the NOCH Grass Fibres that are shown on the last two pages of this brochure, you can create super-realistic lush meadows, natural grassy areas, pastures, fields, ornamental lawns and much more. And very easily, too!

How to use:

First coat the substrate with the specially developed NOCH Grass Glue (ref. 61130 or 61131, see page 122), load the container of the Gras-Master 3.0 PROFI with the desired grass fibres, screw on the appropriate sieve and connect the counter-pole cable to intensify the effect with the substrate, and off you go.
The model meadow of your dreams is formed in next to no time!
The power supply is provided by eight 1.5 V AA batteries, which guarantee an operating time of approx. 10 to 12 hours. A red LED indicates that the device is in operation.
Please pay close attention to the attached instructions for use.

GRAS master 3.0 PROFI



Video clip

60110 ***Gras-Master 3.0***

Contents: Gras-Master 3.0, counter pole with crocodile clip
three sieves for flocking grass fibres with different lenghts
one 9 V block battery

Gras-Master 3.0 Highlights:

- *compact device for ambitious railway modellers*
- *evolutionary design*
- *high, approx. 11 kV power output*
- *operation with 1 x 9 V block battery (included)*
- *operating time approx. 3 to 4 hours*
- *incl. three sieves (fine, medium and coarse) and detailed instructions*

NOCH Gras-Master 3.0

The NOCH Gras-Master 3.0 is kind of the »little brother« of the PROFI variant. And like all little brothers, he has what it takes! More compact, agile and yet powerful; that s how you could describe the Gras-Master 3.0. The centrepiece is a 9 V block battery. This one was also used in the Gras-Master and Gras-Master 2.0. Due to the battery s smaller dimensions, the device is more compact and consequently slightly lighter than the Gras-Master 3.0 PROFI. Its power output, however, is only marginally lower. So, it is ideal for every home s model railway, diorama, landscape and any quick, spontaneous tasks. The device comes with three sieve attachments (fine, medium and coarse).

How to use:

First coat the substrate with the specially developed NOCH Grass Glue (ref. 61130 or 61131, see page 122), load the container of the Gras-Master 3.0 with the desired grass fibres, screw on the appropriate sieve and connect the counter-pole cable to intensify the effect with the substrate, and off you go.
The model meadow of your dreams is formed in next to no time!
The power supply is provided by one 9 V block battery, which guarantees an operating time of approx. 3 to 4 hours. A red LED indicates that the device is in operation.
Please pay close attention to the attached instructions for use.

GRAS master 3.0

Sieves Set, 3 parts

The Sieves Set contains one fine, one medium and one coarse sieve. The rule of thumb is the shorter the grass fibre, the finer the sieve. For 1.5 mm to 2.5 mm long grass fibres and Snowflakes (ref. 08760) use the fine sieve. For 2.5 mm to 6 mm long fibres the medium sieve is suitable. For 6 mm to 12 mm grass fibres you can use the coarse sieve. But dare to experiment, too: if you place long grass fibres in the medium sieve, fewer fibres will reach the substrate. Dry, sparse meadows can be depicted in this way, or different grass fibres can be carefully mixed together on the substrate.
There s no limit to your imagination!



60114 ***Sieves Set, 3 parts***
each 1 sieve fine, medium, coarse
for Gras-Master 3.0 and Gras-Master 3.0 PROFI

Grass Flocking Templates, 5 pieces

The Grass Flocking Templates are a small but excellent innovation! As soon as you have them in your hands, you wonder why they never existed before! You can easily design partially covered areas with the templates. This results in edges, tufts, strips, areas and various patches of grass.
You can use the templates in two ways: either apply Grass Glue (ref. 61130 or 61131) onto the substrate first, loosely hold the template over it and then flock through the gap onto the wet glue, or you can spray Spray Glue »Haftfix« (ref. 61151, see below) onto a surface using a template resting on the substrate. You can then flock without holding the template. Individual gaps in the templates can be blocked with masking tape. Again, dare to experiment!



60139 ***Grass Flocking Templates***
*5 different templates



A surface that is already coated with Grass Glue (ref. 61130) is flocked using a Grass Flocking Template. As a result, individual spots, surfaces and areas can be targeted for flocking with one type of fibre.



In combination with the Spray Glue »Haftfix« (ref. 61151), you can use the Grass Flocking Template for masking surfaces.
Note that the templates must be regularly replaced when they are used in this way.



The individual templates each have several slots and shapes. You can block individual openings with masking tape from a DIY store. Use only very slightly sticky masking tape.

Spray Glue »Haftfix«

The universal Spray Glue is suitable for all types of glueing tasks for modelling as well as around the home.



61151 ***Spray Glue »Haftfix«***
400 ml

Grass Glue

NOCH Grass Glue was specially developed for electrostatic flocking. It offers the following features and advantages compared to conventional glue and wood glue:

- *perfect consistency: easy to spread, without running*
- *hardens slowly: you can flock your area without hurrying, so there are no »bald« spots in your meadow*
- *transparent when dry: no white streaks*
- *high adhesive strength: significantly stronger adhesion than e.g. diluted wood glue*



61131 ***Grass Glue XL***
750 g



61130 ***Grass Glue***
250 g

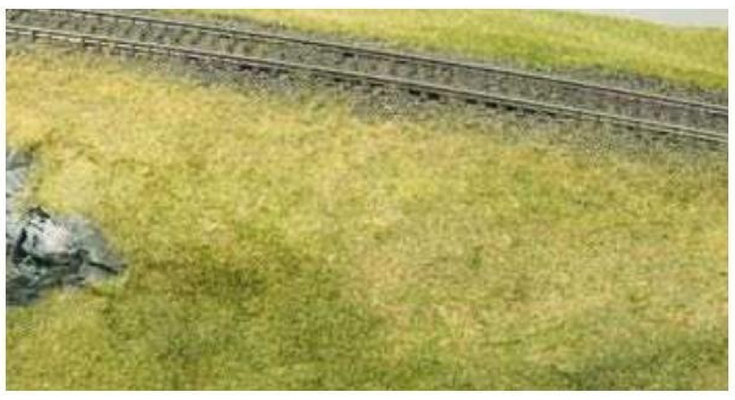


Application video (in German) at www.noch.de/youtube

How to Get the Perfect Grassy Base on a Railway Embankment!

Railway embankments are usually overgrown with wild grass. It tends to be taller, of different lengths and consists of many different plants. Weeds, green grass and single dry blades and tufts of grass lend the railway embankment an irregular appearance.

***Tip:** after the grass flocking, you can decorate your railway embankment with the Embankment Vegetation (ref. 23102).*



Mix together Scatter Grass, golden yellow and »Marsh Soil« and flock railway embankment with Gras-Master 3.0. The Scatter Grass »Marsh Soil« should make up a higher proportion of the mixture, since the first layer has to provide the depth effect of the grassy area.



After drying, hoover off loose grass fibres. Then moisten the tips of the first layer of grass with Grass Glue (ref. 61130). The second layer, a 6 mm Wild Grass mixture of beige and »Meadow« (ref. 07100 and 07101), is applied.

Formula for the »Railway Embankment Grass« mixture

First layer:

08324 **Scatter Grass,** *golden yellow 2.5 mm (fine sieve)**

08320 **Scatter Grass »Marsh Soil«** *2.5 mm (fine sieve)**

Second layer:

07100 **Wild Grass »Meadow«,** *6 mm (medium or coarse sieve)**

07101 **Wild Grass,** *beige 6 mm (medium or coarse sieve)**



After drying, hoover off again and repeat the application if necessary, depending on how wild and dense you want the vegetation to be. Moisten the tips of the Wild Grass Fibres with Grass Glue and sprinkle them with some Leaf Foliage (ref. 07167). This is how weeds are created.



The railway embankment can then be decorated with natural bushes from the Embankment Vegetation (ref. 23102). Finally, decorate with Grass Tufts and »Wild Flowers« (ref. 07011 and 07012) as desired.

Decoration and details:

07167 **Leaf Foliage Set,** *14 g each of olive, light green, medium green, dark green*

23102 **Embankment Vegetation**

07011 **Grass Tufts XL »blooming«** *red, yellow, light green dark green, 104 pieces, 9 mm*

07012 **Grass Tufts »Wild Flowers«** *multi-coloured flocked 52 pieces with 6 mm and 52 pieces with 9 mm*

** In brackets you can find the recommendation of the suitable sieves for the NOCH Gras-Master 3.0.*



Application video (in German) at www.noch.de/youtube

How to Design Summer Meadows!

Depending on the season, the colours of meadows change from fresh green in the early summer to less intense colours with partly dried grasses in the summer. During the course of the year, meadows sometimes come by more, sometimes less water and sunshine.

These influences change the colours of the meadow. We show you how to design a »lush« summer meadow.

***Tip:** matching figures for decorating your scene can be found in the chapter »Figures & Decoration«.*

Formula for the »Summer Meadows« mixture

Adding a base layer of grass:

First round:

***08361** **Scatter Grass »Meadow«,** 4 mm*

Second round:

***08324** **Scatter Grass,** golden yellow, 2.5 mm*

***08322** **Scatter Grass,** medium green, 2.5 mm*

***08151** **Scatter Grass »Summer Meadow«,** 2.5 mm*

Vary the mixture as desired to create lighter and darker grassy areas.

Decoration and details:

***07005** **Grass Tufts XL »beige green, dark green brown«,** 104 pieces, 9 mm*

***07043** **Grass Tufts Mini Set XL »blooming«** yellow flock, 42 pieces, 9 mm*

Further info about the NOCH Gras-Master 3.0 and its accessories can be found on pages 122 to 125. The complete assortment of NOCH Grass Fibres is on page 126 and 127.



First, the substrate is coloured with shades of green and brown (e.g. NOCH Acrylic Paints, ref. 61194 and 61189). Take care that the colouring doesn't turn too dark. Then a path or road can be created. Allow to dry well.



The base area is now coated with NOCH Grass Glue (ref. 61130). Then a small amount of Scatter Grass »Meadow«, 4 mm, is applied. It's important that the glue surface is not completely »filled«.



Now you need to be quick: load the Gras-Master with a mixture of Scatter Grass, golden yellow, Scatter Grass, medium green and Scatter Grass »Summer Meadow« and flock directly onto the still-wet Grass Glue to fill the gaps between the 4 mm-long grass fibres. Then allow everything to dry well.



After hoovering off the loose grass fibres, design your summer meadow with Grass Tufts XL in green and beige. Here and there, a flowering bush or clump, e. g. Grass Tufts, yellow (ref. 07043), looks very good and brightens up the meadow a little.



How to Let Wild Meadows Grow!

In many places, nature can run riot, unhindered and uncultivated by humans. This allows beautiful, wild meadows to thrive. Various grasses in different heights and colours characterise these expanses.

Between fields and at the edges of forests, there are also untouched natural meadows, which partly serve as biotopes.
***Tip:** matching trees for designing forests can be found in the chapter »Trees & Bushes«.*



First of all, the substrate is coated with NOCH Grass Glue (ref. 61130) and flocked with Scatter Grass »Meadow«, 4 mm. Allow to dry well and hoover off excess grass fibres after approx. 4-6 hours.



Using a paintbrush, moisten the entire surface of the tips of the grass fibres with Grass Glue. Then apply a mixture of Scatter Grass, medium green, 2.5 mm and Scatter Grass, beige, 4 mm with the Gras-Master 3.0. The mixture can be varied as desired.

Formula for the »Wild Meadows« mixture

First layer:
08361 ***Scatter Grass »Meadow«,*** *4 mm*

Second layer:
08322 ***Scatter Grass,*** *medium green, 2.5 mm*
08362 ***Scatter Grass,*** *beige, 4 mm*
Vary the mixture as desired, we recommend 1:1.

Third layer:
08361 ***Scatter Grass »Meadow«,*** *4 mm*
08362 ***Scatter Grass,*** *beige, 4 mm*



After drying and hoovering off again, sections of the meadow can be retouched (see Fig. 2) with Scatter Grass »Meadow«, 4 mm and Scatter Grass, beige, 4 mm, to make the grassy area a little wilder.



After any excess grass fibres have been hoovered off, you can design your wild meadow with Grass Tufts XL »Meadow« and Grass Tufts, green. Weeds etc. can be created with Leaf Foliage, light green and medium green. Grass Glue or Landscaping Glue (ref. 61133) can be used for fixing them.

Decoration and details:

07044 ***Grass Tufts Mini Set XL »Meadow«***
42 pieces, 9 mm
07032 ***Grass Tufts Mini Set***
green flock, 42 pieces, 6 mm
07152 ***Leaf Foliage,*** *light green*
07144 ***Leaf Foliage,*** *medium green*

Further info about the NOCH Gras-Master 3.0 and its accessories can be found on pages 120 to 122. The complete assortment of NOCH Grass Fibres is on page 126 and 127.

NOCH… Just Like the Original!

A huge selection of Grass Fibres for every landscape!

Our motto is »NOCH... Just Like the Original« and we take that seriously! Therefore, it s no wonder that we have one of the largest assortments of grass fibres in many different lengths and colour hues. With the different shades of green, you can design realistic meadows, pastures, reeds or marshes in next to no time. Dried grasses can be depicted with the beige and brown fibres. Our muted colours are ideally suited to North American, Southern European and Asian landscapes.

1.5 mm Scatter Grass



Scatter Grass »Spring Meadow«
1.5 mm
08200 20 g bag



Scatter Grass »Meadow«
1.5 mm
08212 20 g bag



Scatter Grass »Ornamental Lawn«
1.5 mm
08214 20 g bag

2.5 mm Scatter Grass



Scatter Grass »Spring Meadow«
2.5 mm
08300 20 g bag
50210 100 g bag
08150 120 g container



Scatter Grass »Summer Meadow«
2.5 mm
08310 20 g bag
50190 100 g bag
08151 120 g container



Scatter Grass »Meadow«
2.5 mm
08312 20 g bag
50220 100 g bag
08152 120 g container



Scatter Grass »Ornamental Lawn«
2.5 mm
08314 20 g bag



Scatter Grass »Marsh Soil«
2.5 mm
08320 20 g bag
50200 100 g bag



Scatter Grass »Flower Meadow«
2.5 mm
08330 20 g bag
08155 120 g container



Scatter Grass »Forest Floor«
2.5 mm
08350 20 g bag
08157 120 g container



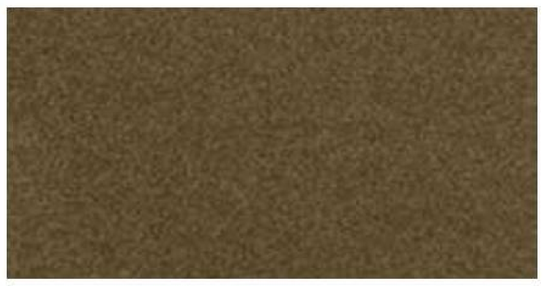
Scatter Grass »Alpine Meadow«
2.5 mm
08360 20 g bag



Scatter Grass, dark green
2.5 mm
08321 20 g bag



Scatter Grass, medium green
2.5 mm
08322 20 g bag



Scatter Grass, brown
2.5 mm
08323 20 g bag



Scatter Grass, golden yellow
2.5 mm
08324 20 g bag

Master Grass Blend



Master Grass Blend »Summer Meadow«
2.5 to 6 mm
07072 50 g bag
07076 100 g container



Master Grass Blend »Cow Pasture«
2.5 to 6 mm
07073 50 g bag
07077 100 g container

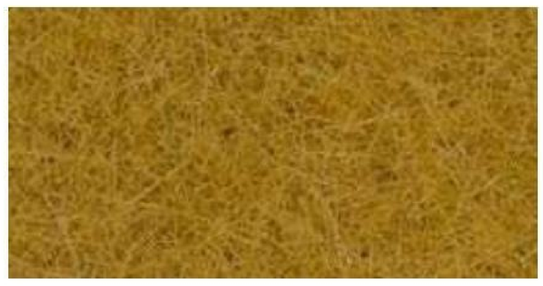


Master Grass Blend »Alpine Meadow«
2.5 to 6 mm
07075 50 g bag
07079 100 g container

4 mm Scatter Grass



Scatter Grass »Meadow«
4 mm
08361 20 g bag



Scatter Grass, beige
4 mm
08362 20 g bag

G 1 0 H0 TT N Z

Suitable for Gauges	1	0	H0	TT	N	Z
Length of the Grass Fibres						
1.5 mm			●	●	●	●
2.5 mm		●	●	●	●	●
4 mm		●	●	●	●	●
6 mm		●	●	●	●	
9 mm		●	●	●		
12 mm		●	●			



6 mm Wild Grass



Scatter Grass, *light green*
4 mm
08363 *20 g bag*



Wild Grass »Meadow«
6 mm
07100 *50 g bag*
07090 *100 g container*



Wild Grass, *beige*
6 mm
07101 *50 g bag*
07091 *100 g container*



Wild Grass, *light green*
6 mm
07102 *50 g bag*
07092 *100 g container*



Wild Grass, *dark green, 6 mm*
07106 *50 g bag*
07094 *100 g container*



Wild Grass, *medium green*
6 mm
07081 *50 g bag*



Wild Grass, *brown*
6 mm
07082 *50 g bag*



Wild Grass, *golden yellow*
6 mm
07083 *50 g bag*

9 mm Wild Grass



Wild Grass »Meadow«
9 mm
07117 *50 g bag*



Wild Grass, *dark green*
9 mm
07120 *50 g bag*

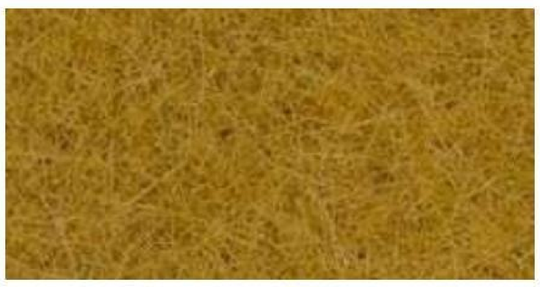


Wild Grass, *brown*
9 mm
07122 *50 g bag*

12 mm Wild Grass



Wild Grass XL »Meadow«,
12 mm
07110 *40 g bag*
07095 *80 g container*



Wild Grass XL, *beige*
12 mm
07111 *40 g bag*
07096 *80 g container*



Wild Grass XL, *light green*
12 mm
07112 *40 g bag*
07097 *80 g container*



Wild Grass XL, *dark green*
12 mm
07116 *40 g bag*
07099 *80 g container*



Wild Grass XL, *medium green*
12 mm
07086 *40 g bag*



Wild Grass XL, *brown*
12 mm
07087 *40 g bag*



Wild Grass XL, *golden yellow*
12 mm
07088 *40 g bag*

Tools

Puffer Bottle for applying 1.5 mm and 2.5 mm long NOCH Scatter Grass. The grass fibres are electrostatically charged and thus stand upright on the glued area.
On page 19 of this catalogue, you'll find the practical Start Set Vegetation, which also contains the Puffer Bottle.



08100 **Puffer Bottle**
empty

Video clip



Grass Fibres Assortments

NOCH offers two Grass Fibres Assortments for pros and beginners. One contains a selection of Short Grass Fibres in the lengths of 1.5 mm and 2.5 mm ideal for flocking landscapes in H0, TT, N and Z gauges. Another contains longer Grass Fibres of 6 mm and 12 mm.

These are suitable for 1, 0 and H0 gauges. The enclosed grass fibres bags are labelled with the respective item references to facilitate the purchase of individual rass types at a later date.

IDEAL FOR

GRAS master 3.0

Contents of the Short Grass Fibres Assortment (lengths: 1.5 mm and 2.5 mm)			
Ref.	**Description**	**Quantity**	**Length of the grass fibres**
08200	Spring Meadow	20 g	1.5 mm
08212	Meadow	20 g	1.5 mm
08214	Ornamental Lawn	20 g	1.5 mm
08300	Spring Meadow	20 g	2.5 mm
08310	Summer Meadow	20 g	2.5 mm
08312	Meadow	30 g	2.5 mm
08314	Ornamental Lawn	20 g	2.5 mm
08320	Marsh Green	10 g	2.5 mm
08330	Flower Meadow	10 g	2.5 mm



H0 TT N Z **07066 Grass Fibres Assortment, short**

Contents of the Long Grass Fibres Assortment (lengths: 6 mm and 12 mm)			
Ref.	**Description**	**Quantity**	**Length of the grass fibres**
07100	Wild Grass Meadow	30 g	6 mm
07101	Wild Grass, beige	20 g	6 mm
07102	Wild Grass, light green	20 g	6 mm
07081	Wild Grass, medium green	10 g	6 mm
07106	Wild Grass, dark green	20 g	6 mm
07110	Wild Grass XL Meadow	20 g	12 mm
07111	Wild Grass XL, beige	10 g	12 mm
07112	Wild Grass XL, light green	10 g	12 mm
07086	Wild Grass XL, medium green	10 g	12 mm
07116	Wild Grass XL, dark green	10 g	12 mm



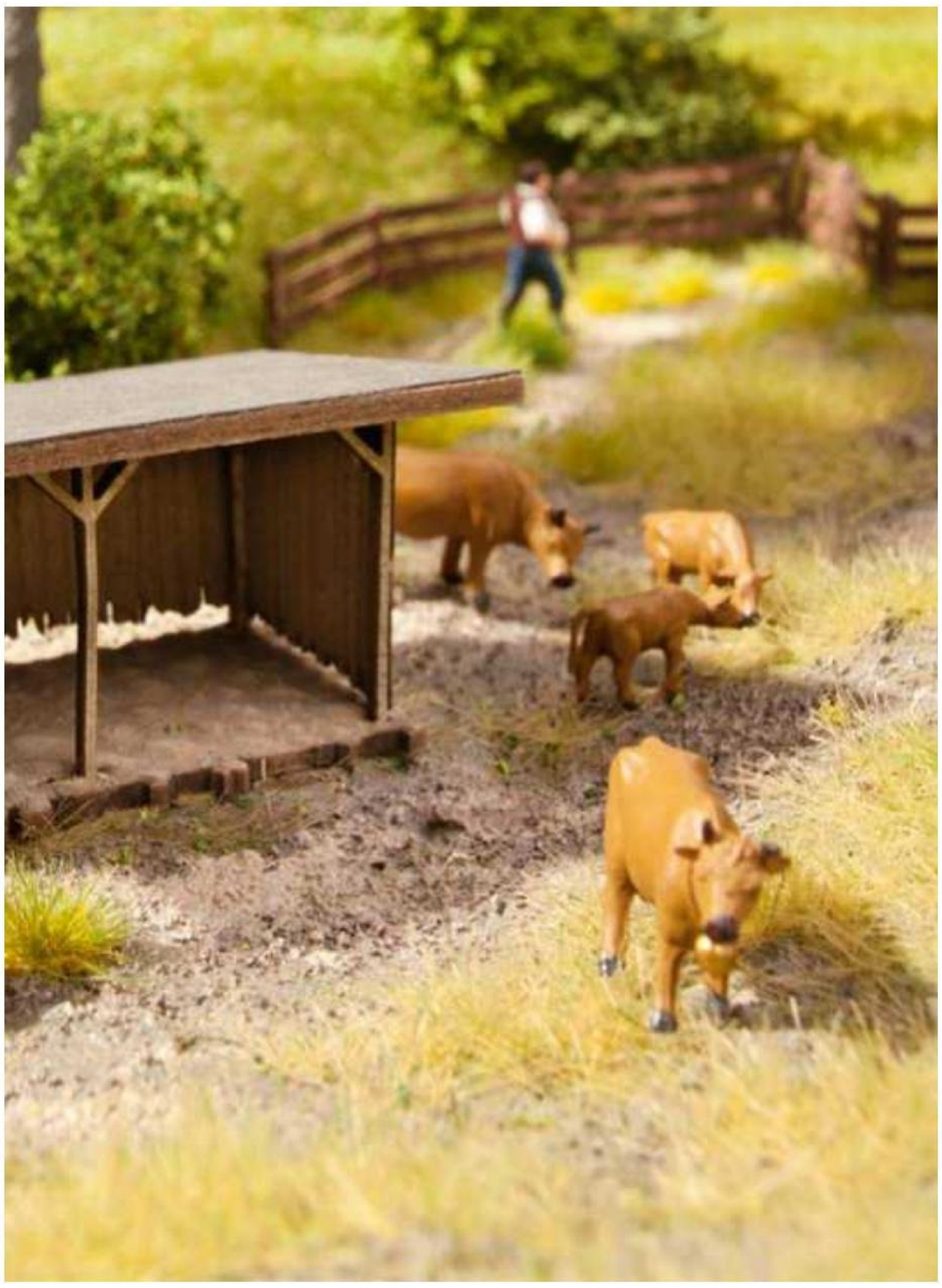
1 0 H0 **07071 Grass Fibres Assortment, long**

Craft Tip:
Create natural-looking meadows with grass fibres of different colours and lengths by using the NOCH Gras-Master 3.0

The variety of grasses in nature, with their different colour hues and growth heights, can also be easily replicated in a model. This is called a »step by step« method; i.e., adding one type of grass after the other. With the Grass Blends (pre-mixed grasses of different lengths and hues), you do indeed get meadows with grasses of different lengths and hues, but when looking at the area, the green still looks uniform. To play with the natural progression of hues and lengths, apply different grass hues and lengths one after the other. In the area prepared with NOCH Grass Glue (ref. 61130), Wild Grass beige (ref. 07101) is first sparingly flocked with the NOCH Gras-Master 3.0. Afterwards, Wild Grass light green (ref. 07102) is used for the main grass area. In addition, Wild Grass Light Green is sparingly used to cover the already beige flocked areas. A touch of dark green fibres (ref. 07106) amongst the beige and light green fibres makes the scenery even more realistic. Finally, the area is filled with Scatter Grass »Meadow« 2.5 mm (ref. 08312).
The result is a harmonious and very realistic progression of the different grasses. The meadow now looks very lifelike: just like the original.

***Our Tip:** before adding them to your layout or diorama, first test your own formulas for the fibres from the NOCH range, e.g. on a piece of cardboard. That will give you the necessary know-how in advance.*

G 1 0 H0 TT N Z



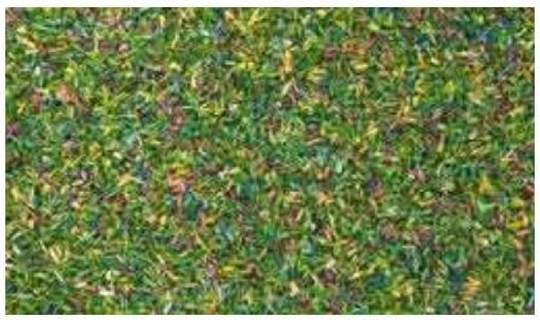
Scatter Material

Our popular, particularly finely processed NOCH Scatter Material offers a variety of possibilities for realistically designing and decorating model landscapes and dioramas down to the smallest detail. Every single shade is finely tuned from the wide range of colours. You can thus use the »pure« shade of your choice right away, but you can also mix different shades to make up a »special shade« unique to your layout.

Note: *1 m² of scattered area requires approx. 100 g of Scatter Material and approx. 500 g of Grass Glue. Many Scatter Materials are available in three different pack sizes (42 g and 150 g in a bag and 200 g in a container).*







08400 ***Scatter Material***
»Flower Meadow«
42 g bag

08401 ***Scatter Material***
»Flower Meadow«
150 g bag

08370 ***Scatter Material***
»Flower Meadow«
200 g container



08410 ***Scatter Material***
light green, 42 g bag

08411 ***Scatter Material***
light green, 150 g bag

08371 ***Scatter Material***
light green, 200 g container



08420 ***Scatter Material***
medium green, 42 g bag

08421 ***Scatter Material***
medium green, 150 g bag

08372 ***Scatter Material***
medium green, 200 g container



08440 ***Scatter Material***
brown, 42 g bag

08441 ***Scatter Material***
brown, 150 g bag

08373 ***Scatter Material***
brown, 200 g container



08460 ***Scatter Material***
grey, 42 g bag

08375 ***Scatter Material***
grey, 200 g container



08470 ***Scatter Material***
dark green, 42 g bag

08376 ***Scatter Material***
dark green, 200 g container

Flock

PROFI Flock is a special, finely-ground flocking material in various natural colours. The product is ideal for flocking Natural Trees as well as designing realistic ground cover and meadows.
Note: *NOCH Flock is available in a resealable bag and some also in a practical tub.*





07202 **Flock**
light green, 20 g bag



07204 **Flock**
medium green, 20 g bag

07241 **Flock**
light green, 30 g container

07242 **Flock**
medium green, 30 g container



07206 **Flock**
dark green, 20 g bag



07223 **Flock**
light brown, 20 g bag



07225 **Flock**
medium brown, 20 g bag



07227 **Flock**
dark brown, 20 g bag

Structured Flock

The foam flock is ground up into three different granulations and coloured three very realistic shades of matt green. NOCH Structured Flock is therefore suitable for a wide variety of applications, such as flocking trees or designing ground vegetation and small bushes. Thanks to the three matt shades, the colours of the vegetation can be replicated in a very realistic way.



Fine Granules ***Medium Granules*** ***Coarse Granules***







07331 **Structured Flock**
light green
fine, 3 mm, 20 g

07341 **Structured Flock**
light green
medium, 5 mm, 15 g

07351 **Structured Flock**
light green
coarse, 8 mm, 10 g



07332 **Structured Flock**
medium green
fine, 3 mm, 20 g

07342 **Structured Flock**
medium green
medium, 5 mm, 15 g

07352 **Structured Flock**
medium green
coarse, 8 mm, 10 g



07333 **Structured Flock**
dark green
fine, 3 mm, 20 g

07343 **Structured Flock**
dark green
medium, 5 mm, 15 g

07353 **Structured Flock**
dark green
coarse, 8 mm, 10 g

G 1 0 HO TT N Z

Foliage

Foliage is used in a wide variety of areas: grounds are given natural colours and realistic textures with foliage; riverbanks and the outskirts of forests are given natural-looking vegetation; shrubs and trees are given volume and look more realistic thanks to foliage.

Product Highlights
- Wafer-thin and highly flexible backing material
- Permanently flexible adhesive
- Elaborate flocking

Foliage

This »classic« Foliage is provided with a fine, naturally-coloured flock.
It's perfect for creating ground cover, moss and low vegetation.



07270 **Foliage**
light green, 20 cm x 23 cm



07271 **Foliage**
dark green, 20 cm x 23 cm



07272 **Foliage**
olive green, 20 cm x 23 cm

Wild Grass Foliage

The Wild Grass Foliage is created through electrostatic flocking, which combines different types of grass and flock.

The Wild Grass Foliage is ideal for creating realistic grassy vegetation on natural meadows, along the outskirts of forests, lakes or riverbanks.



07280 **Wild Grass Foliage**
light green, 20 cm x 23 cm



07281 **Wild Grass Foliage**
dark green, 20 cm x 23 cm



07282 **Wild Grass Foliage**
olive green, 20 cm x 23 cm

Meadow Foliage

The Meadow Foliage is also electrostatically flocked. Somewhat shorter fibres are used in the process, in comparison to Wild Grass Foliage.

The Meadow Foliage can be used in all kinds of areas. Examples are meadows, pastures and agricultural land.



07290 **Meadow Foliage**
yellow green, 20 cm x 23 cm



07291 **Meadow Foliage**
medium green, 20 cm x 23 cm

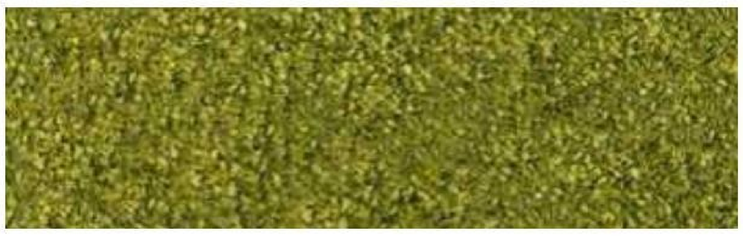


07292 **Meadow Foliage**
dark green, 20 cm x 23 cm

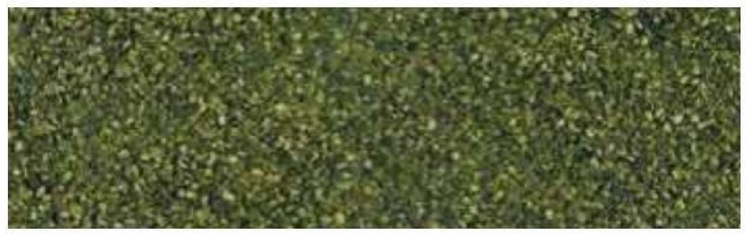
Leafy Foliage

The Leafy Foliage is characterised by flocking with unique, finely-cut NOCH Foliage.

It is mainly used for adding greenery to bushes and trees as well as creating smaller bushes and ground cover.



07300 **Leafy Foliage**
medium green, 20 cm x 23 cm



07301 **Leafy Foliage**
dark green, 20 cm x 23 cm



Craft Tip:
Working with the Foliage



Adjusting the size: the Foliage is split up into the desired size by hand.



Shaping: because of the highly flexible backing material, the Foliage can be stretched effortlessly.



Applying: the Foliage is stuck on with NOCH Scenery Glue (ref. 61133).

Leaf Foliage and Leaf Foliage Sets

Made in Germany

The popular NOCH Leaf Foliage is made of a very finely-cut, special material. The individual leaves have a deceptively real leafy shape. They are great for flocking trees or bushes or creating ivy, ground cover and deciduous forest cover. The Leaf Foliage is available in individual packs as well as in the Leaf Foliage Set with various shades of green or the Autumn Leaf Foliage Set.



07167 ***Leaf Foliage Set***
olive, light green
medium green, dark green



07168 ***Autumn Leaf Foliage Set***
yellow, red, redbrown
orange-brown

Craft Tip:
Leaf Foliage



NOCH Leaf Foliage is ideal for adding leaves to the NOCH Natural Trees (ref. 23100; see »Trees and Bushes« chapter). Spray the Natural Trees with Spray Glue (ref. 61151) or with Landscaping Spray Glue (ref. 61141) and sprinkle over the leaves with the PROFI Shaker (ref. 08099).





07142 ***Leaves***
light green, 50 g bag



07144 ***Leaves***
medium green, 50 g bag



07146 ***Leaves***
dark green, 50 g bag

07152 ***Leaves***
light green, 100 g container

07154 ***Leaves***
medium green, 100 g container



08099 ***PROFI Shaker, empty***

Small tub, big effects: perfect for storing and applying the PROFI Leaf Foliage product. With a practical sieve and scatter insert.

Lichen

This 100% real Iceland lichen is pretreated and then dyed and thus retains its natural springiness for as long as possible. It is perfect for creating bushes, hedges or ground cover.



08610 ***Lichen***
light and dark green assorted
35 g bag



08630 ***Lichen***
autumn mix, 35 g bag

08621 ***Lichen***
light and dark green assorted
75 g bag

08620 ***Lichen***
autumn mix, 75 g bag



08600 ***Lichen***
stone grey, 35 g bag

Reed Assortment

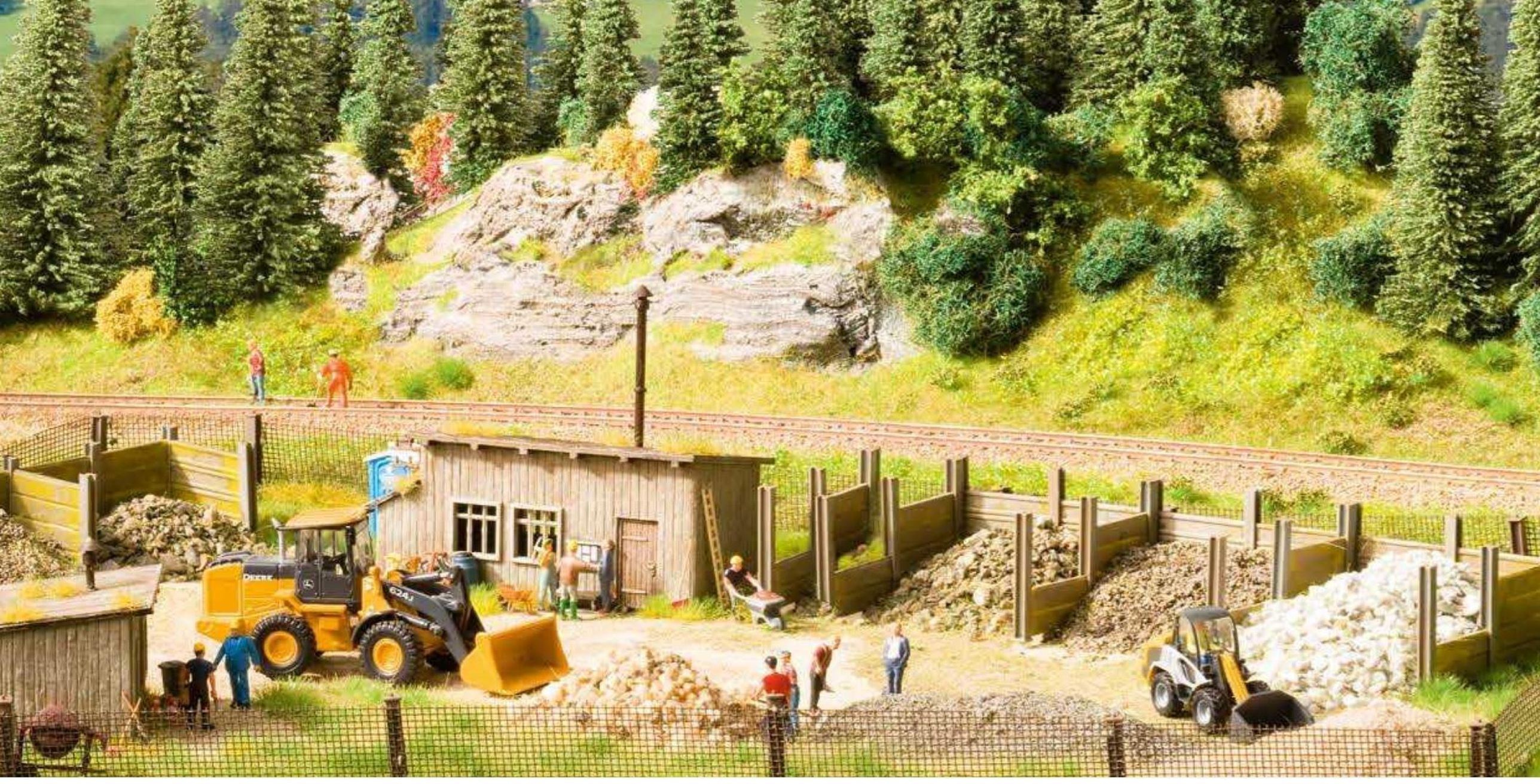
Thanks to three realistic colours of the Reed Assortment, you can imitate pastures, reeds or ears of wheat that grow, e.g. around lakes, ponds or flowing brooks.





07060 ***Reed Assortment***
green, beige, brown

G 1 0 HO TT N Z



Natural Stones

Nothing looks more realistic than natural products. That's why NOCH chooses natural stones for model landscaping. All stones are finely ground and sorted by size.



09202 ***Coal***
250 g bag



09203 ***PROFI Rocks »Coal«***
100 g bag



09204 ***Chippings Lahn***
250 g bag





09214 ***Boulders***
250 g bag



09216 ***Sandstone Boulders***
250 g bag



09226 ***Rock Boulders Hegau***
250 g bag

PROFI Rocks »Rubble«

Steep mountains and rocky slopes are among the most impressive motifs that can be recreated in a model landscape. Small and large rocks and boulder blocks regularly break away from cliffs and crags and then accumulate in screes, beneath steep mountain walls or in riverbeds. The PROFI Rubble from NOCH is ideal for recreating such rock formations, screes and wonderful riverbeds and lakebeds in your model, and for adding detail. The rubble is available in three different granulations, which can be used alone or mixed together.



09228 ***PROFI Rocks »Rubble«***
fine, 80 g bag, grain
1 mm 2 mm



09230 ***PROFI Rocks »Rubble«***
medium, 80 g bag, grain
2 mm 5 mm



09232 ***PROFI Rocks »Rubble«***
coarse, 80 g bag, grain
6 mm 16 mm



Colours, combinations and forms are subject to change without prior notice.

Ballast

Ballast and stones play a very important role when designing a realistic model landscape.

Typically, track ballast is mined by region and therefore reflects the colour of the rocks and stones of that region.







HO TT

09372 **Ballast**
brown, 250 g bag



HO TT

09374 **Ballast**
grey, 250 g bag



HO TT

09376 **Ballast**
dark grey, 250 g bag
suitable for Märklin® C-Track

N Z

09172 **Ballast**
brown, 250 g bag

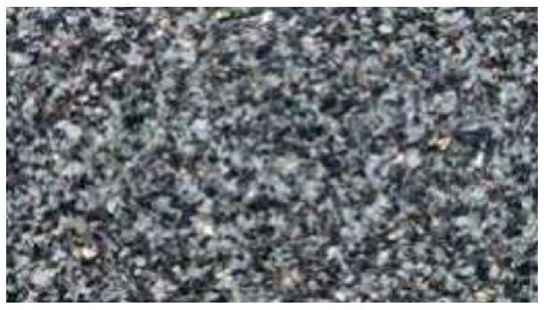
N Z

09174 **Ballast**
grey, 250 g bag



HO TT

09361 **PROFI Ballast »Limestone«**
beige brown, 250 g bag



HO TT

09363 **PROFI Ballast »Granite«**
grey, 250 g bag



HO TT

09365 **PROFI Ballast »Basaltic Rock«**
dark grey, 250 g bag



HO TT

09367 **PROFI Ballast »Gneiss«**
red brown, 250 g bag

N Z

09161 **PROFI Ballast »Limestone«**
beige brown, 250 g bag

N Z

09163 **PROFI Ballast »Granite«**
grey, 250 g bag

N Z

09165 **PROFI Ballast »Basaltic Rock«**
dark grey, 250 g bag

N Z

09167 **PROFI Ballast »Gneiss«**
red brown, 250 g bag

0

09368 **PROFI Ballast »Granite«**
grey, 250 g

0

09369 **PROFI Ballast »Basaltic Rock«**
dark grey, 250 g

0

09370 **PROFI Ballast »Gneiss«**
reddish brown, 250 g

Ballast Glue

Thanks to the nozzle of the Ballast Glue, it is even easy to reach inaccessible spots.

Usage: *spread the loose ballast between the sleepers and then drizzle on the Ballast Glue.*



61134 **Ballast Glue**
130 g

Info Tip:
Additional application

This 0 gauge ballast can also be used as a coarse stone for H0, TT and N gauges.

G 1 0 H0 TT N Z

Sand and Gravel

Something was missing: Sand and Gravel! You can design beautiful dream beaches and realistic country lanes with these fine, natural products. The Sand is available in two granulations: fine and medium. The Gravel is much coarser, though perfectly complements the colour of the Sand. All three products can also be used mixed together.



09234 **Sand**
fine, 250 g



09235 **Sand**
medium, 250 g



09237 **Gravel**
250 g



Design Idea »Sandy Beach«



The fine and medium sand granules can create great beaches by the sea, a swimming or man-made lake. Matching accessories such as the Laser-Cut minis Dressing Room (ref. 14261), the Beach Bar (ref. 14260), Palm Trees (ref. 21971), Bathers (refs. 15841 and 15842) and the Pedal Boat (ref. 16810), each for H0 gauge, can be found in this catalogue.

Design Idea »Country Lane«



Gravel and Sand can be used to make realistic country lanes. A particularly nice detail is the grass turf in the middle, which can be represented with Grass Strips (ref. 07125). For rural designs, the Field Fence (ref. 13010), Cows (ref. 15721) and Field Plants and Wild Flowers (ref. 14056), for example, are suitable.

NOCH Storage Box Sets

The two sturdy boxes with sealing insert and screw cap are ideal for storing your own paint and glue mixtures as well as for other solvent-free fluids. Including two stickers for do-it-yourself labelling.

The two clear boxes are ideal for storing your own mixtures of scatter material, grass and ballast, as well as for small parts, compound, plaster and other loose materials. Including two stickers for do-it-yourself labelling.



08081 **Storage Box Set »Paints & Adhesives«**
Contents: 2 boxes (750 ml and 250 ml), empty each with sealing insert and screw cap



08083 **Storage Box Set »Scatter Material, Grass, Ballast and Small Parts«**
Contents: 2 boxes (1,000 ml and 365 ml), empty with cover

Grass Glue

Ideal for electrostatic flocking.
- *Transparent when dry*
- *Dries more slowly than conventional white glue, giving you more time to flock a surface.*



61130 **Grass Glue**
250 g

61131 **Grass Glue XL**
750 g



Natur+ »Arable Land« Made of Hard Foam

As a special highlight, we present this natural-looking Arable Land from the Natur+ series, which is made of our well-known Structured Hard Foam. The arable topsoil has been brought to the surface as if freshly ploughed. To decorate the scenery, 10 grass tufts are included as well.



HO TT **07450** **Natur+ »Arable Land«**
21 cm x 19 cm, with 10 grass tufts

Natur+ Meadows and Fields

Natur+

The Natur+ Meadows and Fields are super realistic blends of various high-grade, electrostatically processed grass fibres. The fibres are applied one after the other in a specially developed process. This technology and the mixture of different fibre colours and lengths make for an amazingly realistic appearance. The wafer-thin backing on the grass fibres helps to keep the specially developed transparent adhesive permanently flexible.
Due to their special make-up, Natur+ Meadows and Fields can be easily adapted to various types of surface, such as hills, railway embankments, hollows, etc. Each pack also contains 10 colour-matching grass tufts for the realistic design, or the optimal design of transitions. Using Natur+ products is very simple: the meadows and fields are either installed in the landscape as they are or torn cut into small pieces and stuck on.

Super realistic!

Info Tip:
Advantages of Natur+ Meadows & Fields

- *Grass fibres in different lengths (2.5 mm to 12 mm) and colours are flocked one after the other in a special process.*
- *Extra thin backing layer made of flexible special adhesive*
- *Easy to lay, including on uneven ground*
- *Very easy to work with (cut, tear, glue)*
- *Includes grass tufts for a realistic design*



07402 **Natur+ Spring »Meadow«**
in three colours
22 cm x 20 cm, with 10 grass tufts



G 1 0 HO TT N Z





07403 **Natur+ »Summer Meadow«**
in three colours
22 cm x 20 cm, with 10 Grass Tufts





07420 **Natur+ »Rape Field«**
extra long green fibres,
in one colour with yellow tips
22 cm x 20 cm, 10 grass tufts





07421 **Natur+ »Cornfield«**
extra long yellow fibres in
one colour with golden tips
22 x 20 cm, 10 grass tufts





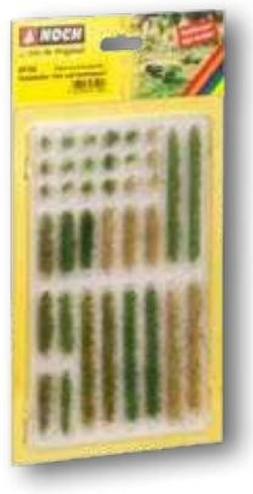
07442 **Natur+ »Swimming Lake«**
swimming lake, meadow
flocked in three colours
22 cm x 20 cm, 10 grass tufts

Grass Strips, Grass Tufts and Grass Tufts Mini Sets

Made in Germany

Field paths, river embankments or grasses underneath crash barriers or at the outskirts of forests as well as other scenes can be implemented easily and effectively with the practical Grass Strips and Grass Tufts. You can create natural-looking vegetation within the blink of an eye with the Grass Tufts even in an XL version! All of the products shown on these two pages are particularly easy to use, since they are highly flexible and can therefore be installed in your landscape easily.
The Grass Tufts Mini Sets are very good for smaller building projects. As with the large packs, the Mini Sets include »normal« grass tufts with a fibre length of 6 mm and extra-long grass tufts with a fibre length of 9 mm.





07125 ***Grass Tufts »light and dark green«***
6 mm different shades of green
18 strips and 18 tufts





HO TT **07136** ***Lavender***
Grass tips refined with fine purple flock
18 strips and 18 tufts

Green Grass Tufts



6 mm

07009 ***Grass Tufts***
dark green, medium green
brown, golden yellow
104 pieces, 6 mm

07127 ***Grass Tufts***
»light and dark green«
different shades of green,
104 pieces, 6 mm

07032 ***Grass Tufts Mini Set***
green flock, 42 pieces, 6 mm

07037 ***Grass Tufts Mini Set***
»Meadow«
42 pieces, 6 mm

9 mm

07005 ***Grass Tufts XL***
»beige green, dark green
brown«, *104 pieces, 9 mm*

07006 ***Grass Tufts XL***
dark green, medium green
brown, golden yellow
104 pieces, 9 mm

07044 ***Grass Tufts Mini Set XL***
»Meadow«
42 pieces, 9 mm

Refined Grass Tufts



6 mm

07034 ***Grass Tufts Mini Set***
»Field Plants«
green flock, 42 pieces, 6 mm

07035 ***Grass Tufts Mini Set***
»blooming«
red flock, 42 pieces, 6 mm

07133 ***Grass Tufts »Field Plants«***
light, medium and dark green
flock, 104 pieces, 6 mm

07135 ***Grass Tufts »blooming«***
yellow, red, white flock
104 pieces, 6 mm

9 mm

07011 ***Grass Tufts XL »blooming«***
red, yellow, light green
dark green, 104 pieces, 9 mm

07041 ***Grass Tufts Mini Set XL***
»Field Plants«
green flock, 42 pieces, 9 mm

07042 ***Grass Tufts Mini Set XL***
»blooming«
red flock, 42 pieces, 9 mm

07043 ***Grass Tufts Mini Set XL***
»blooming«
yellow flock, 42 pieces, 9 mm

07045 ***Grass Tufts Mini Set XL***
»blooming«
white flock, 42 pieces, 9 mm



07012 ***Grass Tufts »Wild Flowers«***
multi-coloured flocked
52 pieces with 6 mm and
52 pieces with 9 mm

07013 ***Grass Tufts »Field Flowers«***
multi-coloured flocked
52 pieces with 6 mm and
52 pieces with 9 mm



Remove Grass Tufts from the packaging,



prepare them with a drop of glue...



and place them in the landscape.

G 1 0 HO TT N Z



For the Perfect Decoration

Ornamental Plants

The elaborately handcrafted Ornamental Plants are lovely decorative objects for parks, buildings, pedestrian zones, gardens and much more.





H0 **14012** ***Ornamental Plants in Pots***
9 flower pots

N **14080** ***Ornamental Plants in Pots***
(illustration similar) 9 flower pots



H0 **14020** ***Ornamental Plants in Tubs***
3 flower pots



H0 **14021** ***Thuja***
6 pieces



14022 ***Rose Arch***
4 pieces (1 x Rose Arch, 2 x Thuja, 1 x Rose)



H0 **14023** ***Mediterranean Plants***
3 pieces



H0 **14024** ***Palms***
3 pieces



H0 **14031** ***Flowers in Pots***
9 flower pots

N **14084** ***Flowers in Pots***
9 flower pots



N **14082** ***Ornamental Plants in Tubs***
9 flower tubs

Colours, combinations and forms are subject to change without prior notice.



Gardening can be so Easy!

Deco Minis

Deco Minis are prefabricated small vegetable plots at the size of 3 cm x 6 cm equipped with different plants. The Deco Minis are simply removed from their packaging and glued onto the model landscape.

The new Bed Edgings are practical and pretty. The set contains laser-cut items to border two attractive vegetable or flowerbeds.



H0 **13214** ***Bed Edgings***
2 pieces, each 6.5 cm x 4 cm



H0 **13215** ***Tomato Plants***
6 plants, 3 cm x 6 cm



H0 **13216** ***Cauliflower***
16 plants, 3 cm x 6 cm



H0 **13217** ***White Cabbage***
16 plants, 3 cm x 6 cm



H0 **13218** ***Red Cabbage***
16 plants, 3 cm x 6 cm

1 G 0 **H0** TT N Z







H0 **13219** ***Pumpkin***
8 plants, 3 cm x 6 cm



H0 **13220** ***Cabbage Turnip***
12 plants, 3 cm x 6 cm



H0 **13221** ***Beetroot***
12 plants, 3 cm x 6 cm



H0 **13222** ***Leek***
12 plants, 3 cm x 6 cm



H0 **13223** ***Rose Bed***
12 plants, 3 cm x 6 cm



H0 **13224** ***Vines with Black Grapes***
2 rank frames, 3 cm x 6 cm



H0 **13225** ***Tendril***
2 rank frames, 3 cm x 6 cm

LASER CUT® minis

Super Realistic Miniature Plants!

Laser-Cut minis+

Laser-Cut minis+ are a top innovation in model landscaping. They make designing realistic scenes even easier! The highly filigree plants are laser-cut, then elaborately formed by hand and additionally refined in part with flower flock. The Laser-Cut minis+ are available in two versions: either in a practical »DIY planting« blister pack or ready-planted in flowerpots or flower tubs.





HO **14050** ***Flower Garden***
17 plants (Lily, red Foxglove, Sage, Roses, blossom Flowers)



HO **14056** ***Field Plants and Wild Flowers***
17 plants (Poppy, Fern, Stinging Nettles, blossom Flowers, Broom)



HO **14052** ***Water- and Riverside Plants***
17 plants (Pickerelweed, Butter Bur, Water Lilies, Wild Rye, Reed)

It's so easy to work with Laser-Cut minis+

The advantages at a glance:

- *Completely »ready-to-plant« mini plants*
- *Super realistic thanks to laser cutting and flocking*
- *Elaborately flocked by hand*





Remove the Laser-Cut minis+ Plants from the packaging,...



prepare them with a drop of glue...



and insert them into your model landscape!

1 G 0 **HO** TT N Z



Pure Realism in Miniature!

Laser-Cut minis

LASER CUT® minis

NOCH Laser-Cut minis are a series of small, realistic laser-cut plants and laser-cut kits. The miniature plants are laser-cut from sturdy, multicoloured, printed special paper. The readers of »Eisenbahn Magazin« (a German model railway magazine), named this innovation Model of the Year in 2009. Since then, the Laser-Cut minis have been developed further and made even more delicate, so the finest details and structures are visible. Due to the composition of the special paper, they are very stable and malleable at the same time. In addition, they do without the artificial shine of plastic products. It doesn't get more natural!
The Laser-Cut minis kits are highly detailed models at a low price. They liven up the scenery and have a place on every model landscape. You'll find more kits from page 232 onwards in this catalogue.



In many specialist shops, the Laser-Cut minis are presented on an attractive stand.

Laser-Cut minis Plants



HO **14100** ***Fern***
9 plants

N **14606** ***Fern***
18 plants



HO **14102** ***Reed***
16 plants

N **14608** ***Reed***
16 plants



HO **14107** ***Vegetable Garden Set***
6 Leeks, 5 Courgettes, 15 Turnips



H0 **14109** ***Orchard Set***
6 Rhubarbs, 24 Strawberries
4 virginia Creepers



H0 **14114** ***Lotus Flower***
Total area approx. 60 cm²



H0 **14118** ***Rambler Roses***
6 plants



H0 **14132** ***Virginia Creeper***
12 plants



H0 **14138** ***Stinging Nettle***
10 plants



H0 **14140** ***Water Lilies***
18 plants





H0 **14200** ***Bean Supports***
4 Wooden Frames with Leaf Foliage

N **14604** ***Bean Supports***
6 Wooden Frames with Leaf Foliage

Craft Tip:
Laser-Cut minis

Usage is very simple: the Laser-Cut minis are shaped by hand and fixed onto the model landscape with a drop of standard commercial glue. The finished mini plants can also be stuck in flowerpots and tubs. This creates unique flower configurations for village squares and buildings. The Flowerpots (ref. 14885), which can be found on page 291, are ideally suited to this.



The plant is peeled out of the backing paper...



then carefully moulded into the desired shape by hand...



and secured in the model landscape with a drop of glue.



Alternatively, the plants can be glued into flowerpots.

Laser-Cut minis Kits



H0 **14228** ***Rose Arch***
2 pieces
1.2 cm x 0.7 cm
2.3 cm high
including 1 sheet »Rambler Roses«



H0 **14229** ***Pergola***
5 elements each approx. 2.5 cm wide
3.2 cm high



H0 **14230** ***Timber Fence***
42 cm, 1.5 cm high



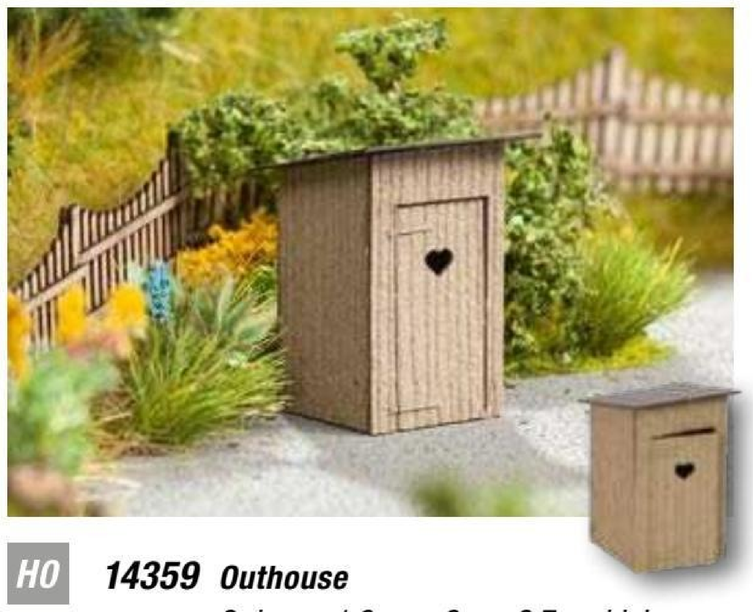
H0 **14355** ***Carport***
6.5 cm x 3.5 cm
3.8 cm high



H0 **14357** ***Green House***
4.2 cm x 2.4 cm
2.6 cm high



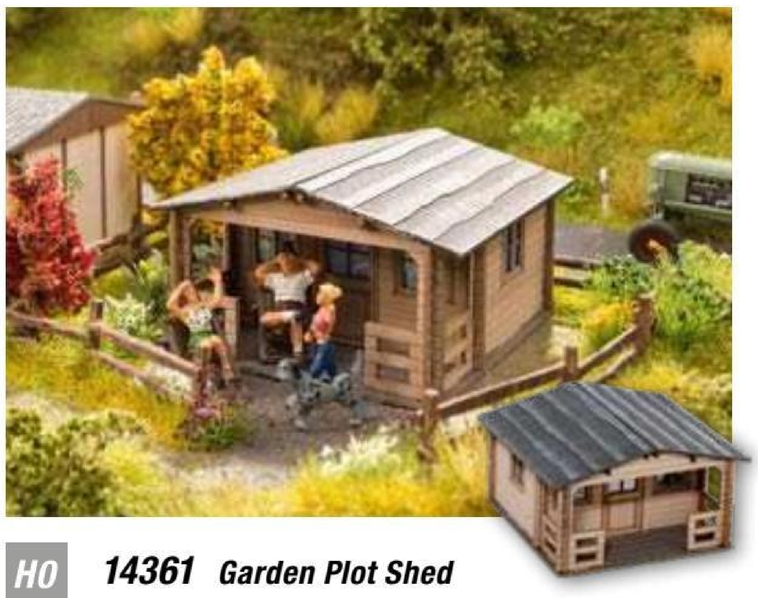
H0 **14358** ***Cold Frames***
2 pieces
4 cm and 2.6 cm x 1.6 cm
1 cm high



H0 **14359** ***Outhouse***
2 pieces, 1.8 cm x 2 cm, 2.7 cm high

TT **14436** ***Outhouse***
2 pieces, 1.3 cm x 1.5 cm, 2 cm high

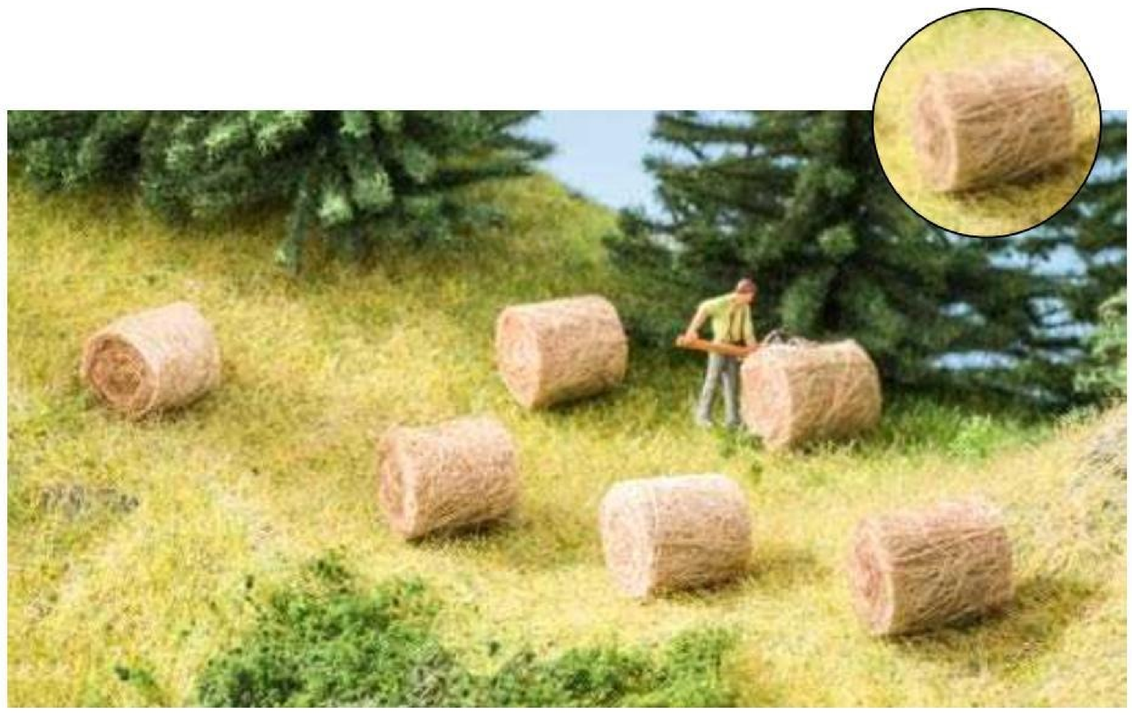
N **14636** ***Outhouse***
2 pieces, 1 cm x 1.1 cm, 1.5 cm high



H0 **14361** ***Garden Plot Shed***
5.4 cm x 5.2 cm, 3.3 cm high

TT **14435** ***Garden Plot Shed***
3.9 cm x 3.8 cm, 2.4 cm high

N **14635** ***Garden Plot Shed***
2.9 cm x 2.8 cm, 1.8 cm high



Harvest Time at Last!

Hay Bales



Huge hay bales can be seen in the fields during harvesting. Perfect companion to the Nature+ Cornfield from NOCH (ref. 07421).

H0 **07460** ***Hay Bales***
18 pieces

The Ideal Basis when Becoming a Model Railway Hobbyist

Made in Germany

NOCH Grass and Ballast Mats

Here, you will be »spoilt for choice« with five different shades of green and many different dimensions.
For the Ballast Mats, you have a choice between the »Grey« and »Beige« variants. A solid, heavy-duty special paper forms the underlay of the densely flocked, decidedly natural-looking mats with vertical grass fibres.

1 **00020** ***Grass Mat »Spring Meadow«***
300 cm x 100 cm

1 **00290** ***Grass Mat »Spring Meadow«***
200 cm x 120 cm

1 **00010** ***Grass Mat »Spring Meadow«***
200 cm x 100 cm

1 **00260** ***Grass Mat »Spring Meadow«***
120 cm x 60 cm

2 **00012** ***Grass Mat »Summer Meadow«***
200 cm x 100 cm

2 **00280** ***Grass Mat »Summer Meadow«***
120 cm x 60 cm

3 **00013** ***Grass Mat »Meadow«***
200 cm x 100 cm

3 **00265** ***Grass Mat »Meadow«***
120 cm x 60 cm

4 **00011** ***Grass Mat »Flower Meadow«***
200 cm x 100 cm

4 **00270** ***Grass Mat »Flower Meadow«***
120 cm x 60 cm

5 **00230** ***Grass Mat***
dark green, 120 cm x 60 cm, ideal for the christmas manger

6 **00080** ***Gravel Mat***
grey, 120 cm x 60 cm

7 **00090** ***Gravel Mat***
beige, 120 cm x 60 cm

Craft Tip:
Grass Mats

You can work on the mats as a whole or cut into smaller pieces. The grass mat can simply be glued on with NOCH Spray Glue »Haftfix« (ref. 61151).
The glue used on the mats is water-soluble. If you carefully moisten the grass with a brush, you can scrape off the fibres after a few minutes and then design streams and paths.

G 1 0 H0 TT N Z



Practical and Organised

Presentation solutions for traders

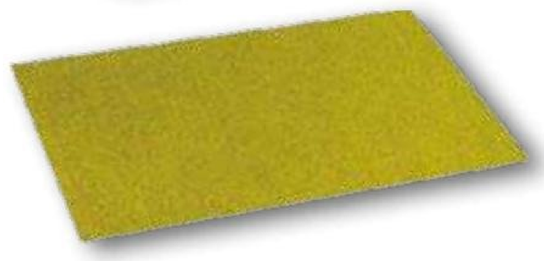


71190 ***Grass Mats display, empty***
the ideal presentation solution for all NOCH Grass Mats
Dimensions:
32 cm x 32 cm, 47 cm high

Mini Grass Mats for adding greenery to small areas: simply cut and stick on. Handling and use like for the large mats (see craft tip on the opposite page).



76715 ***Assortment of 60 Mini Grass Mats***
in a practical self-service carton assorted colours



00005 ***Mini Grass Mat***
45 cm x 30 cm

A Green Christmas? Not with Us!

When the first flakes of snow dance through the air towards the end of the year, it is not only children's eyes that light up... Winters have to be white that just goes with the territory in our neck of the woods. Many model railway fans do not want to forgo ice crystals and snowflakes on their layouts and devote themselves to long evenings of lovingly designing a winter landscape. To make your landscape look as natural as possible, NOCH offers a wide range of products specifically catered to this cold, white season. Guaranteed to warm your heart!

G 1 0 H0 TT N Z

Winter

Build a Winter Landscape – from page 150
- *For temporary and permanent winter layouts*

Winter Trees – from page 156
- *Snowy woods and illuminated Christmas trees*

- ***Winter Figures – from page 158***
- *Large assortment of winter figures and scenes*
- *Popular gift idea: Figures Advent Calendars*

Christmas Market Stalls and Lighting – from page 160
- *High-quality Laser-Cut Kits*
- *LED lighting ensuring a romantic atmosphere*
- *Handicraft Advent Calendar*

The Model Railway in a Briefcase – from page 165
- *Lovingly decorated and hand-painted briefcase layout made of high-grade NOCH hard foam in an aluminium case*



Make the Perfect Winter Landscape!

Perfect Set »Winter Landscape«

Building winter landscapes is becoming increasingly popular. Nevertheless, there is often some reticence among hobbyists because »winter« is a new theme for many of them. But what initially looks complicated is easy when you have the right materials to hand. And these very materials can be found in the Perfect Set »Winter Landscape«. From designing the snowy landscape with white »snowflakes« to modelling snowy surfaces and snow mounds, to designing icy surfaces and icicles, you ll find all the items you need to build a perfect winter landscape in the set. The Perfect Set includes a detailed instruction video on DVD. So your project is guaranteed to succeed!



60815 ***Perfect Set »Winter Landscape«***

Contents: Start Set Snowflakes, contains: 50 g Snow Glue
25 g Snowflakes and Puffer Bottle (ref. 07065)
Snow Paste, 250 ml (ref. 08752)
Ice Crystals, 30 ml (ref. 08754)
Icicles, 30 ml (ref. 08756)



Start Set Snowflakes: *this set makes designing a wintery landscape a success. The Snowflakes are electrostatically flocked with the Puffer Bottle. The result: a shimmering, silky white, snowy surface.*



Snow Paste: *this multi-purpose material is an all-rounder in the designing of winter landscapes. From snow-coated rooftops and trees, to snow mounds and snowdrifts, to snowmen, almost any wintery landscape can be created with Snow Paste.*



Ice Crystals: *the Ice Crystals paste conjures up a beautiful, crystal-clear, glittering icy surface on almost every surface. The versatile paste is applied directly onto model water, model roads or the window panes of model houses and vehicles.*



Icicles: *the Icicles mixture is applied straight from the tube onto model roofs, bridges, projections, walls, etc. The mixture dries crystal clear after 2-3 hours.*

Craft Tip:
Perfect Set »Winter Landscape«



The Snow Paste contained in the Perfect Set is great for creating snow mounds and snowdrifts on the ground.



With the Snow Glue, the Puffer Bottle and the Snowflakes, a fluffy covering of snow can be created on it.



The Icicles can be applied to exposed sites (e.g. roofs, projections and bridges) straight from the tube.



A real winter wonderland! Designs turn out very convincing with the NOCH Perfect Set.

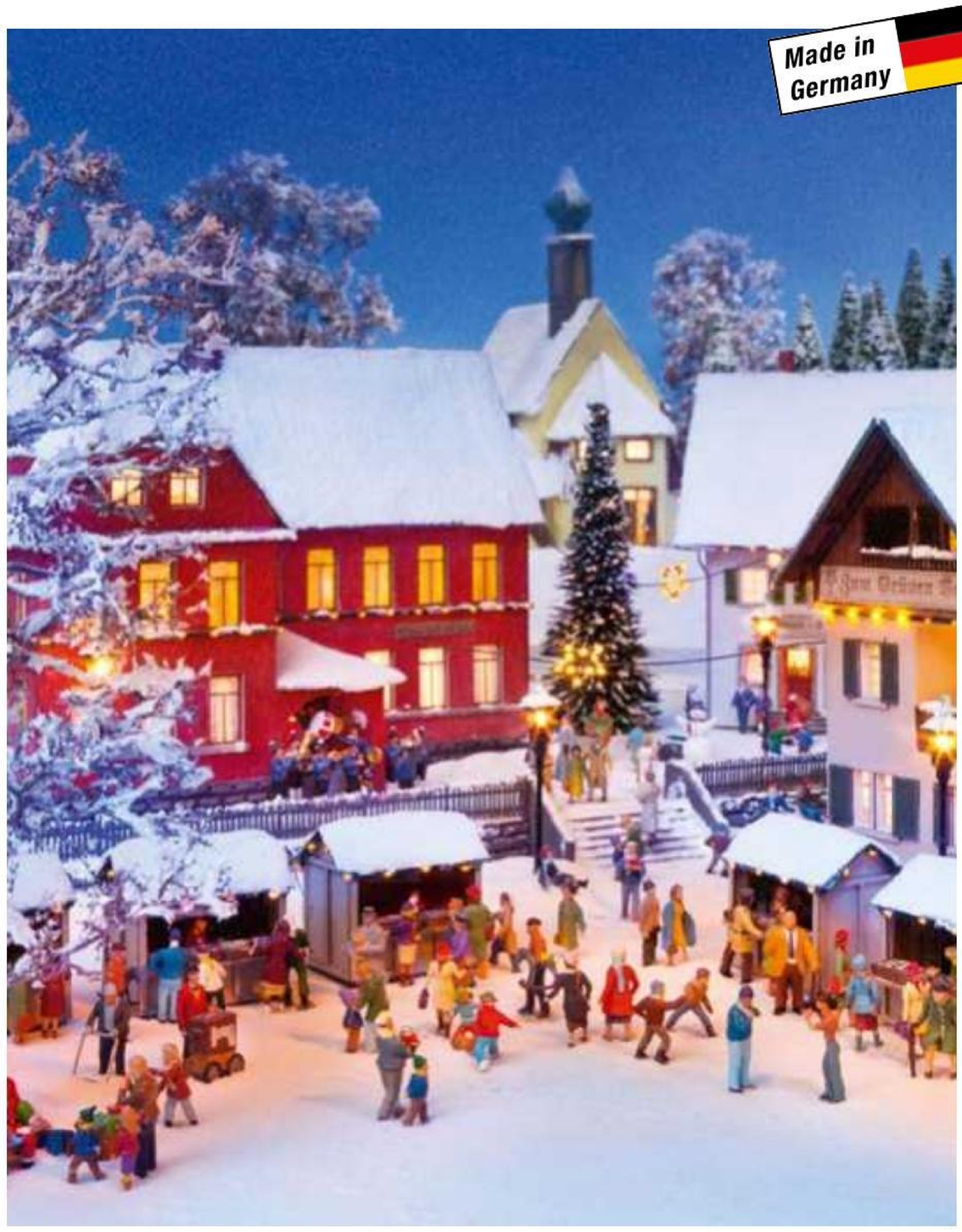
Build a Winter Landscape

Start Set Snowflakes

In the Start Set Snowflakes, you'll find everything you need to make a quick start in designing a winter landscape: 50 g of Snow Glue, a Puffer Bottle and 25 g of Snowflakes. Application is super easy: first, the area to be covered with snow is pasted with snow glue. Then, half fill the puffer bottle with snowflakes. By shaking the puffer bottle, the 1 mm-long snowflakes are electrostatically charged and then »blown« onto the snow glue by pressing down on the puffer bottle. This creates a magical, velvety soft blanket of snow that looks like freshly fallen powdered snow.



07065 ***Start Set Snowflakes***
Puffer Bottle, 50 g Snow Glue
25 g Snowflakes

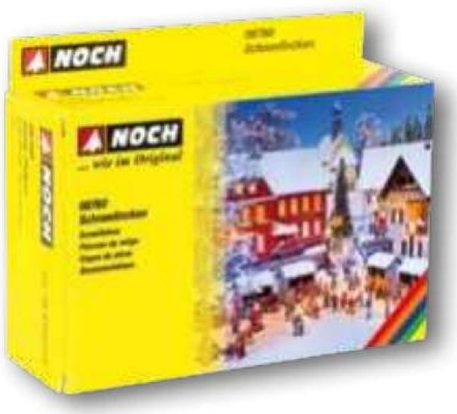


Snowflakes

The innovative NOCH Snowflakes are special fibres with a length of only 1 mm, with which you can conjure up fascinating winter landscapes at the drop of a hat.
The area to be covered with snow is first pasted with Snow Glue (ref. 61138). The Snowflakes are then applied with NOCH Gras-Master 3.0 or the Puffer Bottle (ref. 08100). As if by magic, a glistening velvety blanket of snow appears, which looks like freshly fallen powdered snow. The resulting winter idyll can be detailed with NOCH Snow Paste (ref. 08752). If there is no Snow Glue to hand, the Grass Glue (ref. 61130 or 61131) can also be used. However, the landscape to be covered with snow should first be primed in white.
Note: *for a snowy landscape of one square metre, approx. 75 g of Snowflakes and 500 g of Snow or Grass Glue are required.*

Snow Glue

Snow Glue is perfect for applying NOCH Snowflakes. It dries white, eliminating the need to prime the substrate before applying snow.



08760 ***Snowflakes***
75 g



61138 ***Snow Glue***
250 g

Craft Tip:
Electrostatic application of snowflakes

The short 1 mm snowflakes can be electrostatically applied with the Gras-Master 3.0 or the Puffer Bottle (ref. 08100).

As a result, they stand upright on the areas already coated with snow glue and thus give the impression of freshly fallen snow.



The surface is pasted with Snow Glue.



Snowflakes are then applied with the finest sieve of Gras-Master 3.0 ...



or the NOCH Puffer Bottle.

G 1 0 HO TT N Z

Create Your Own Winter Wonderland!

Snow Paste

Snow Paste enchants objects and landscapes into a true winter wonderland. The shimmering silky paste is applied with a spatula or paintbrush and dries after only 2 to 3 hours. The Snow Paste can even be modelled by hand, to reproduce snow mounds or snowdrifts or snowmen, for instance. If the paste is diluted with water, it can be ideally applied to trees and bushes. In order to cover the roofs of houses or very smooth surfaces with snow, we recommend that a thin layer of NOCH Snow Glue (ref. 61138) be applied first.

The Snow Paste is used after the Snow Glue has dried. The combination of NOCH Snow Paste and NOCH Snowflakes transforms your model into a fairytale winter landscape. Try it out!



08752 ***Snow Paste***
250 g





Winter Set

The NOCH Winter Set contains everything necessary for building a wintery landscape. The shimmering silky snow paste can easily be applied with a spatula or paintbrush onto the landscape, roofs of houses, trees and vehicles. It even lends itself to modelling by hand; for example, for creating a snowman or heaps of snow.

Ice sheets on lakes or on roads can be portrayed with NOCH Ice Crystals. This can be applied with a spatula or bristle brush and moulded to the desired thickness.

To make the winter landscape perfect right down to the details, roof overhangs can be decorated with NOCH Icicles. These can be attached to the model directly from the tube: simply hold it underneath and squeeze out the milky substance while simultaneously pulling the tube away. In this way, you can control the length and thickness of the icicles.
The icicles dry crystal clear and hard (see page 155).



08758 ***Winter Set***
120 ml Snow Paste, 10 ml Ice Crystals
10 ml Icicles, 1 spatula

Craft Tip:
Create wintery landscapes with the NOCH Winter Set



The Snow Paste is applied with a spatula or paintbrush onto the landscape.



The Ice Crystals provide frozen waters for wintery effects.



Icicles can be applied to roofs straight from the tube.

Play with Jack Frost!

Ice Crystals

Freezing at room temperature? Not a problem with NOCH Ice Crystals! It can be applied to a frozen lake or pond, roads or windows, straight from the tube and then worked on with a paintbrush.
The Ice Crystals harden after about two to three hours.
The result is a beautiful, crystal-clear, glittering icy surface.



The Ice Crystals are squeezed out of the practical tube and spread around with a fine paintbrush.



08754 ***Ice Crystals***
30 ml



G 1 0 H0 TT N Z



Icicles

You can design stylish and unique icicles (e.g. on roofs, projections or bridges) at the drop of a hat with NOCH Icicles.
The Icicles mixture is applied onto the surface to be decorated straight from the tube and hardens crystal-clear after two to three hours.
Modelling is very simple: hold the tube underneath a gutter, for example; then gently squeeze while simultaneously pulling the tube downwards. This allows you to customise your icicles to the thickness and length of your liking.
Particularly impressive shapes arise when the tube is also rotated in a spiral during this process.



08756 ***Icicles***
30 ml



The Icicles tube is placed directly on the roof overhang...



and gently squeeze out the contents of the tube while pulling it down.



The resulting icicles dry out crystal clear after a couple of hours.



Powdery Snow

You can create a fascinating winter landscape on your model railway layout with NOCH Powdery Snow. How it completely changes the atmosphere of your model landscape will be sure to inspire you!
An advantage of the Powdery Snow is that you can design an excellent temporary winter atmosphere. The special white, glittering powder is water-repellent and can be removed from your layout with a hoover, leaving no residue.
If you'd like your model landscape to be permanently snowy, use NOCH Spray & Fix Adhesive (ref. 61152).



08750 ***Powdery Snow***
glittering, white powder for reproducing winter landscapes, for sprinkling
200 g package

Winter Trees

Illuminated Christmas Trees

The Christmas Tree is the star of any Christmas celebration. Whether it's a small tree in the living room or a large tree in the middle of the market square at a Christmas market, the Christmas spirit is awakened as soon as the lights come on. The Christmas Trees are equipped with white LEDs, which radiate pleasantly warm light, similar to a string of fairy lights with lightbulbs.

By the way: the gauges that we give to the trees are only recommendations. You can also use the small tree for 0 gauge or set up the large one on a city square in N gauge. Let your imagination run wild!
The connection is made to the light output of a standard 16 V model railway transformer. Suitable for AC or DC power supply. Alternatively, operation is possible via a power supply unit (e.g. ref. 88172, page 357).



HO TT N Z

22110 ***Iluminated Christmas Tree***
snowy, with 10 LEDs, 5 cm high

O HO TT N

22120 ***Iluminated Christmas Tree***
snowy, with 20 LEDs, 8 cm high

O HO TT

22130 ***Iluminated Christmas Tree***
snowy, with 30 LEDs, 12 cm high



HO TT N Z

22111 ***Illuminated Christmas Tree***
green, with 10 LEDs, 5 cm high

O HO TT N

22121 ***Illuminated Christmas Tree***
green, with 20 LEDs, 8 cm high

O HO TT

22131 ***Illuminated Christmas Tree***
green, with 30 LEDs, 12 cm high

G 1 O HO TT N Z

PROFI Snowy Fir Trees

PROFI Snowy Fir Trees are ideal for the demanding modeller of wintery scenes. Every pack contains two elaborately handcrafted trees.





HO TT N **21965** ***Snowy Fir Trees***
2 pieces, 16 and 18 cm high

O HO TT N **21966** ***Snowy Fir Trees***
2 pieces, 18 and 20 cm high

PROFI Tree Structures

Many passionate modellers have expressed a desire for the NOCH range to include large trees without leaf foliage.
The possible uses of these Tree Structures are very diverse. On the one hand, you can make your own beautiful model trees out of the »naked« trees. On the other hand, they are also the ideal template for splendid winter trees (see craft tip on page 187).



HO TT N **22010** ***Tree Structure »Beech Tree«***
13 cm high



O HO TT N **22020** ***Tree Structure »Lime Tree«***
18.5 cm high



Snowy Fir Trees

Pack and Economy Pack with 5, 10 or 25 beautifully snowy trees of different heights.
- *In different sizes and shapes*
- *With realistic, irregularly cut branch tips*
- *Coloured wintery white*
- *With realistic roots*



Snowy Fir Trees				
Ref.	**Description**	**Height in cm**	**Qty.**	**Gauge**
26828	Snowy Fir Trees	5 14	25	H0, TT
26928	Snowy Fir Trees	5 14	10	H0, TT
26929	Snowy Fir Trees	5 9	5	H0, TT
32828	Snowy Fir Trees	3.5 9	25	N, Z

Classic Winter Trees

With the Classic Winter Trees, you can design enchanting winter wonderlands and snowy forests on amazing dioramas.





HO TT N Z **25075** ***Winter Trees***
7 pieces, approx. 8 cm - 10 cm high



HO TT N Z **25087** ***Snowy Fir Trees***
7 pieces, approx. 8 cm - 12 cm high

HO TT N Z **25234** ***Snowy Fir Trees***
3 pieces, approx. 8 cm - 12 cm high



Winter Figures



HO **15616** Chopping Wood

TT **45616** Chopping Wood

N **36616** Chopping Wood



HO **15819** Children in Snow

TT **45819** Children in Snow

N **36819** Children in Snow





HO **15824** Ice Skaters

TT **45824** Ice Skaters

N **36824** Ice Skaters





HO **15826** Snowboarders



HO **15827** Skiers



HO **15828** Skiers

N **36828** Skiers





HO **15829** Skiers



HO **15923** St Nicholas‘ Evening



HO **15920** Santa Claus and Angels

HO **15924** Santa Claus with Sleigh

G 1 O HO TT N Z



H0 **15926** ***Christmas Market***

N **36926** ***Christmas Market***



H0 **15927** ***Selling Christmas Trees***

TT **45927** ***Selling Christmas Trees***

N **36927** ***Selling Christmas Trees***



H0 **15928** ***Winter Work***



H0 **15930** ***Family Meier in Wintertime***

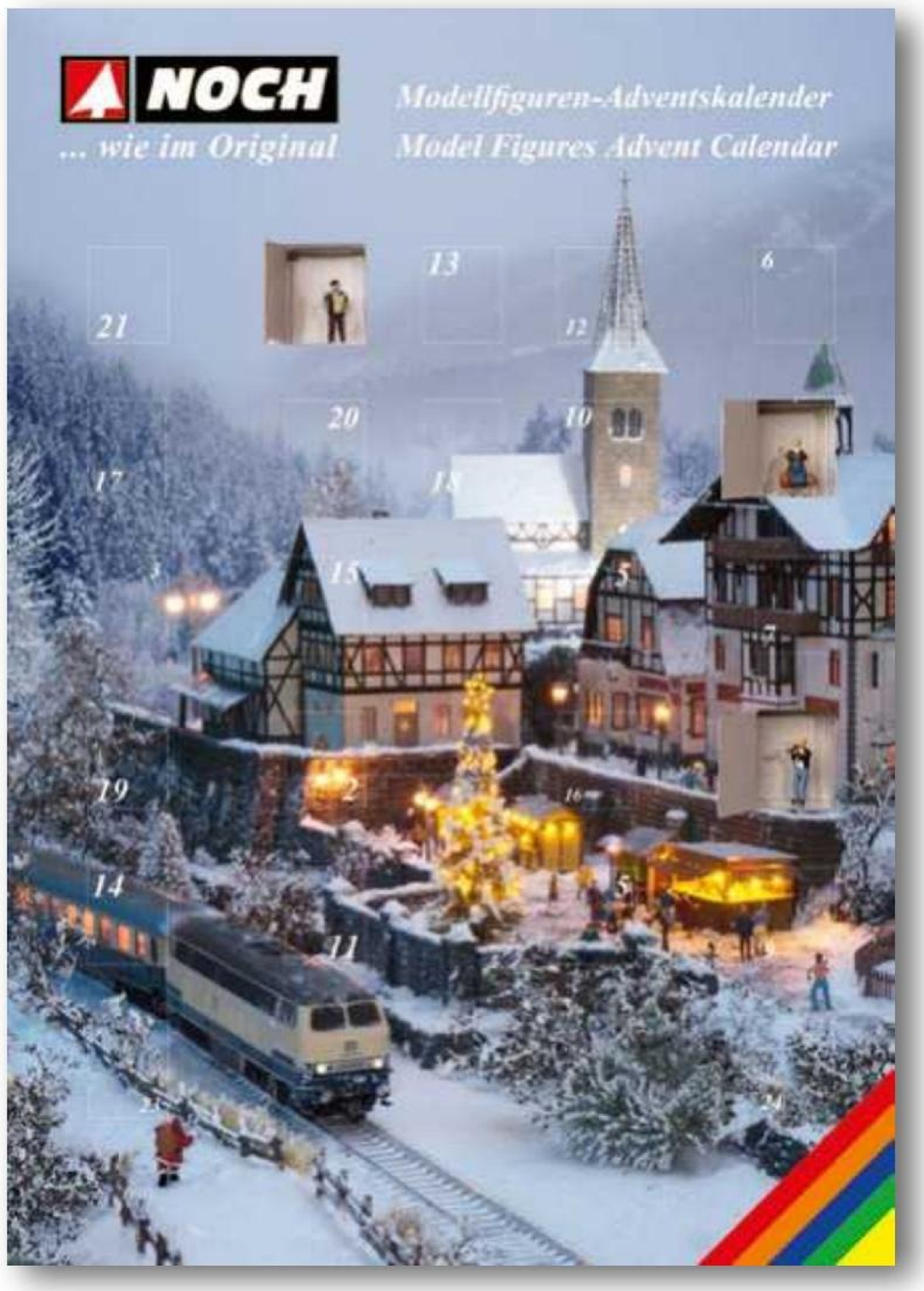


H0 **16220** ***Themed Figures Set »Winter's Day«***

Contents: 6 Figures, 2 Bobsleighs
2 Wooden Sledges, 2 Snowmen, 1 Snow Blower
1 Snow Shovel (Small), 1 Snow Shovel (Large)
1 Sleigh Shovel, 1 Snowboard, 1 Ski Stand with Skis







Model Figures Advent Calendar

New figures every year!

Despite all the mince pies and chocolate, you can watch your figure with our Advent Calendar! Behind the doors are lovingly designed NOCH Figures waiting to be placed on your model landscape a great gift for every railway modeller! The Advent Calendar comes in A3 format.

H0 **15993** ***Figures Advent Calendar***
24 figures

TT **45993** ***Figures Advent Calendar***
24 figures

N **36993** ***Figures Advent Calendar***
24 figures



Christmas Market

Laser-Cut Kit »Christmas Market Stalls«

The Small Buildings Set »Christmas Market Stalls« is perfectly suited to giving NOCH Figures a contemplative pre-Christmas season. Here, mulled wine can be drunk, biscuits eaten and Christmas tree decorations bought. The kit comprises three typical laser-cut stalls, which bring atmosphere to any winter scene. Includes instructions and special adhesive.





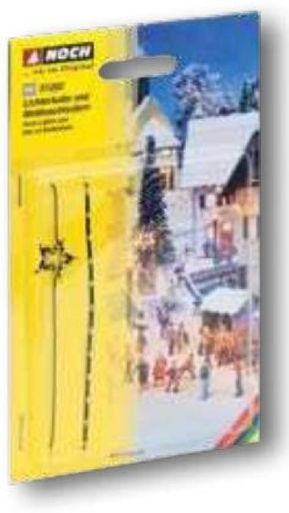
Christmas Market Stall
3.8 cm x 2.7 cm, 3.4 cm high

HO **66412** ***Christmas Market Stalls***
3 Laser-Cut Buildings Kits

Fairy Lights and Star of Bethlehem

So that your model figures can indulge in the magic of Christmas, NOCH offers a chain of Fairy Lights as well as a Star of Bethlehem. Both lighting elements are equipped with long-lasting, bright LEDs and can be connected to a model railway transformer (16 V AC or DC). The resistors are already integrated. The set contains Fairy Lights with a length of 10 cm and a Star of Bethlehem with 10 light diodes.





HO **51202** ***Fairy Lights and Star of Bethlehem***
Contents: 1 Fairy Light Chain, 10 cm
1 Star of Bethlehem (with 10 LEDs each)



Combined Set »At the Christmas Market«

The Combined Set »At the Christmas Market« , consisting of a Christmas Market Stall and a Fairy Light Chain of 10 cm in length and with 10 light diodes, perfectly sets the stage for your Christmas market and ensures the eyes of big and small children glow.

The laser-cut kit is designed in the usual high-quality. The fairy lights are equipped with LEDs and integrated resistors and can be connected directly to a model railway transformer (16 V AC or DC).

HO **65610** ***Combined Set »At the Christmas Market«***
1 Laser-Cut Building Kit »Christmas Market Stall« 3.8 cm x 2.7 cm, 3.4 cm high 1 Fairy Light Chain, 10 cm long

G 1 0 HO TT N Z

On the Christmas Market

All items shown on this page are Laser-Cut Kits

LASER CUT® minis





HO **14391** ***Christmas Market Entry Arch***
7.6 cm x 1 cm, ca. 7.9 cm high
The richly decorated entry arch made of real wood comes with labels in German, English, French, Spanish and Dutch.

N **14681** ***Christmas Market Entry Arch***
4.3 cm x 0.6 cm, 4.5 cm high
The richly decorated entry arch made of real wood comes with labels in German, English, French, Spanish and Dutch.



HO **14394** ***Christmas Market Manger with Figures in Wood Look***
7.5 cm x 3.5 cm, 3.5 cm high, incl. 8 figures



HO **14392** ***Christmas Market Stall***
8 cm x 5 cm, 3.5 cm high

TT **14482** ***Christmas Market Stall***
6 cm x 4 cm, 3 cm high

N **14682** ***Christmas Market Stall***
4.5 cm x 3 cm, 2 cm high





HO **14393** ***Mulled Wine Stall***
5 cm x 5 cm, 4 cm high

TT **14483** ***Mulled Wine Stall***
4 cm x 4 cm, 3 cm high

N **14683** ***Mulled Wine Stall***
3 cm x 3 cm, 2.5 cm high





HO **14395** ***Christmas Market Pyramid***
4.5 cm x 4.5 cm, 9 cm high





Colours, combinations and forms are subject to change without prior notice.



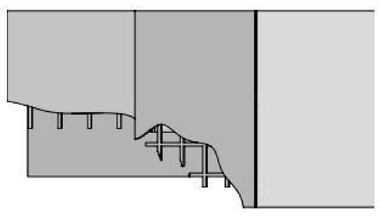
Silent Night, Holy Night…

Scenery Set »Christmas Manger«

The depiction of Holy Night with baby Jesus, Mary, Joseph and accompanying animals, is probably one of the oldest ever modelling subjects. The Scenery Set is not just suitable for railway modellers, however. With the enclosed accessories, the Manger is also ideal for hobbyists and diorama builders.



H0 **65620** ***Scenery Set »Christmas Manger«***
Laser-Cut Kit »Christmas Manger«, 11 cm x 6 cm, 5 cm high
»Manger Figures« (ref. 15922, 11 figures)
Scatter Material brown, 42 g (ref. 08440)
20 Grass Tufts, green
Mini Grass Mats, green, 28 cm x 22 cm



11 cm x 6 cm
5 cm high



Note: *the laser-cut kit is accompanied by detailed instructions and suitable Laser-Cut Special Adhesive.*

Deco Scene Christmas Manger

The small Deco Scene Christmas Manger contains a ready-assembled Laser-Cut minis Manger as well as all the important figures. With this small deco scene, you can decorate your model landscape or design a diorama, or even use it as decoration on a window ledge or on the Advent table.



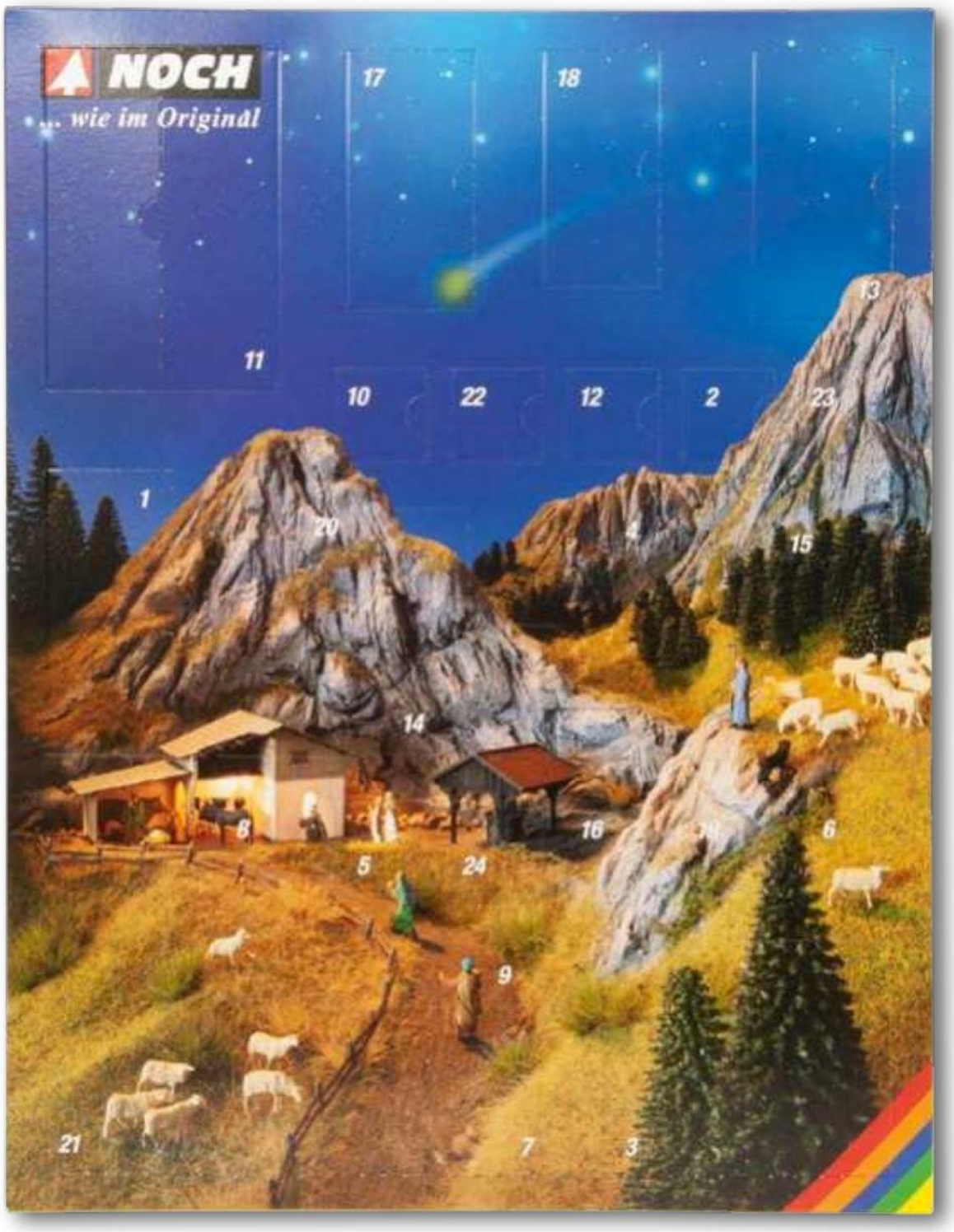
H0 **12027** ***Christmas Manger***
7.5 cm x 3.5 cm, 7.5 cm high
includes 8 figures



G 1 0 **H0** TT N Z

Great Crafting Fun for Every Day of Advent!

Handicraft Advent Calendar »Christmas Manger«



From 1st to 24th December, in chronological order, each little door provides crafting material, Laser-Cut minis, Figures and Accessories. So, you can continue to do your craft work step by step every day! A beautiful manger scene, Alpine style, thus emerges over the Advent period with everything that goes along with it: Mary, Joseph, baby Jesus, ox and donkey, shepherds, sheep, and much more! Accessories, fences and landscaping materials round off the crafting fun. A little scene is also printed on the back of the calendar, which shows a starry sky with the Star of Bethlehem. This can be cut out on 24th December and placed behind the manger scene. This lends everything even more atmosphere.

H0 **65591** ***Handicraft Advent Calendar »Christmas Manger«***

Contents:

- *Crafting material: e. g. Structured Flock, Scatter Grass, PROFI Rocks »Rubble« and much more!*
- *Laser-Cut Kit »Stable of Bethlehem«*
- *Laser-Cut minis Kit »Well«*
- *36 Figures and animals: e. g. Manger Figures, Shepard and Sheep, Angel*
- *10 Model Fir Trees in different heights*
- *Laser-Cut Adhesive and detailed instruction*

Note: *the exact contents can be viewed on the product packaging and on* ***www.noch.com***

Everything included!
Savings of more than 20 %!*



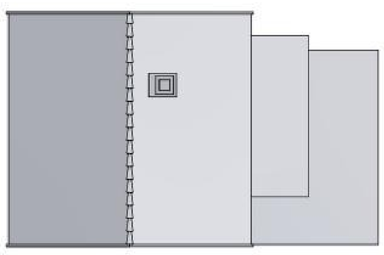
** Compared to purchasing the items separately*



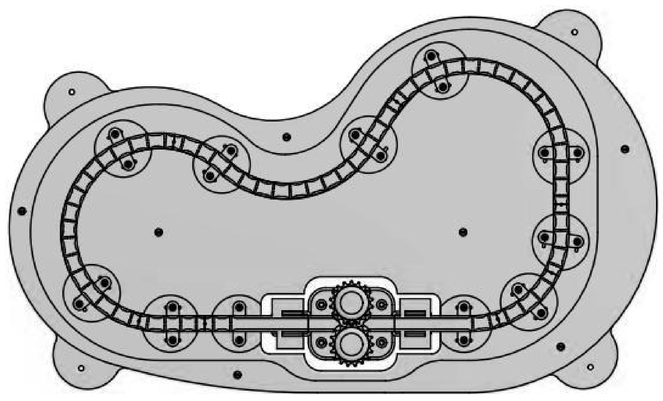
Enjoy Skiing!

micro-motion Cross-Country Ski Trail with Après-Ski Cabin

In a white winter landscape skiing and mountain hut fun shall not be missing.
The micro-motion Cross-Country Ski Trail really gets the skiers moving. Thanks to an easy-to-install power unit, the cross-country skiers move around the ski trail as if by magic, doing their laps. The power unit and figures are prepared so that the model kit can be easily adapted to your particular installation set-up.

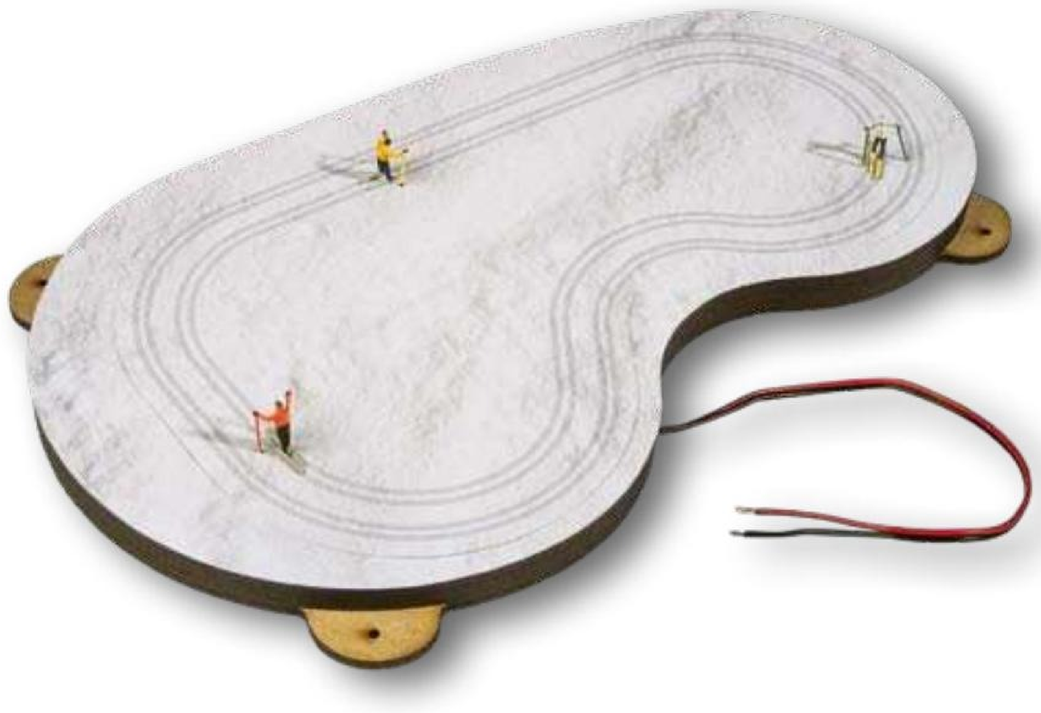


Après-Ski Cabin:
14.4 cm x 9.1 cm, 5.8 cm high



Ski Trail:
37.6 cm x 22.2 cm, 1.6 cm high

After a long day of skiing, the after-party can of course not be missed, and so the skiers return to »Joseph s Pub« after the last trip for a hearty evening in the cabin and an extensive après-ski party!
The model kit contains a ready-to-connect motor with power unit that drives a subterranean chain studded with magnets. On the surface, skiers equipped with metallic plates move in a circle. The connection is made with the included power supply with speed control for the cross-country skiers. A real highlight on your model landscape!
The model is limited to 1,000 pieces. A numbered certificate, detailed instructions for assembly and wiring, as well as special Laser-Cut Adhesive are included.





HO **66832** ***micro-motion Cross-Country Ski Trail with Après-Ski Cabin***

Contents:
micro-motion Cross-Country Ski Trail with 3 Cross-Country Skiers
Power Supply with Speed Control
Laser-Cut Kit Après-Ski Cabin »Joseph s Pub«
5 Snowy Fir Trees 26929 (5 cm to 9 cm high)
3 additional Figures 15827, 50 g Powdery Snow
Decorative Sticker Sheet, Special Laser-Cut Adhesive
Instructions, Numbered Certificate

In cooperation with Magnorail. Other interesting products with the great Magnorail power unit can be found at www.magnorail.com and www.modellnatur.com.

G | 1 | 0 | **HO** | TT | N | Z

Model Railway in a Briefcase

Never miss your beloved hobby when travelling, thanks to NOCH. Packed suitably for travel, in a conveniently small format that remains fully functional, the model railway simply layout comes with you in its briefcase. The briefcase layouts are made of high-grade NOCH Hard Foam, hand-painted and lovingly decorated.

You will find more model railway layouts in a briefcase in the chapter »Model Railway in a Briefcase« from page 352 in this catalogue.



Product Details »St Anton«

- *Ready-to-use model railway layout in an aluminium case (outer dimensions of the case: 57.5 cm x 43 cm, 16 cm high)*
- *Landscape made out of Structured Hard Foam, fully decorated*
- *One railway circuit, pre-mounted with track*
- *Control panel with one speed controller*
- *Four illuminated buildings (and illuminated Christmas tree on the »St Anton« model)*
- *Battery compartment for a 9 V battery*
- *Connection point for external power supply (included)*
- *Note on train arrangement: due to the narrow radii, the carriages used should not be longer than 8.5 cm. In addition, locos with more than four axles (two bogies) should not be used. Locos with leading wheels are increasingly prone to derailment.*

Z **88318** ***Briefcase Layout »St Anton«***
with Märklin® mini-club Track

It‘ Time to Light the Advent Wreath!

NOCH Christmas Layout Gauge Z



Model railway pleasure, Christmas decoration and the ultimate gift for every model railway fan the adorable NOCH »Winter Magic« Christmas Layout encompasses all that. This little snow-covered village gleams with Christmassy splendour. The high-quality NOCH Laser-Cut Buildings and Christmas tree are illuminated and the four tree candles make this trinket a real highlight of Advent.
Note: *in order to ensure a permanently stable power supply to buildings and Christmas tree, an appropriate Z gauge transformer is required for operation. The Christmas Layout cannot be operated with a (rechargeable) battery.*

Info Tip:
Replacement candles

You can order replacement candles for the Christmas Layout in our online shop at shop.noch.com with reference number 88076.

Z **88063** ***»Winter Magic« Christmas Layout***
35 cm x 35 cm, approx. 15 cm high, Winter layout made of Structured Hard Foam, ready-to-use with ***Märklin® mini-club® Z gauge tracks,*** *decorated, illuminated houses and lighted Christmas tree, incl. 4 Christmas tree candles, supplied without transformer, loco and carriages.*

Z **88064** ***»Winter Magic« Christmas Layout***
35 cm x 35 cm, approx. 15 cm high, Winter layout made of Structured Hard Foam, ready-to-use ***with Rokuhan Z gauge tracks,*** *decorated, illuminated houses and lighted Christmas tree, incl. 4 Christmas tree candles, supplied without transformer, loco and carriages.*

Achieving a Realistic-Looking Slice of Nature all Depends on Getting the Colour Right

Paints and glues play an important role in modelling in general, and landscaping in particular. You can realistically age models and colour landscapes with paints of the NOCH range.

You will surely find the right product for every application in our large selection of glues.

G 1 0 H0 TT N Z

Paints and Glues

Paints – from page 168

- *Ideal for weathering: Weathering Powder and Rust Paint*
- *For painting landscapes:*
  Natural Paints Set and Landscaping Paints
- *Patina Marker: adheres to almost any surface, such as wood, cardboard, plaster, plastic, etc.*

Glues – from page 172

- *Here, you will find the optimal solution for every application*

From New to Old!

Weathering Powder

Weathering Powder makes shiny plastic surfaces »disappear«, giving them a naturally aged appearance.
The Weathering Powder includes eight different colours, with which you can weather bridges, houses, vehicles, locos, wagons or portals. It is also perfect for working on aircraft, tank or ship assembly sets.





Easy to apply!

61165 ***Weathering Powder***
8 small tubes with colour pigments each 6 g, 1 brush



Cement



Ash



Sand



Dust



Rust



Brick



Lichen



Soot

Craft Tip:
Weathering Powder

- *To better fix the colour pigments, first spray a thin layer of Spray & Fix Adhesive (ref. 61152) onto the object that is to be coated with Weathering Powder.*
- *Next, mix the dry colour pigments until the desired shade is achieved.*
- *Pick up the dry colour pigments with the enclosed paintbrush and »dab« them onto the surface to be weathered.*
- *Seal the weathered surface by reapplying a thin layer of Spray & Fix Adhesive. More information on the Spray & Fix Adhesive can be found on page 172.*









Growing Old Gracefully!

Rust Paint

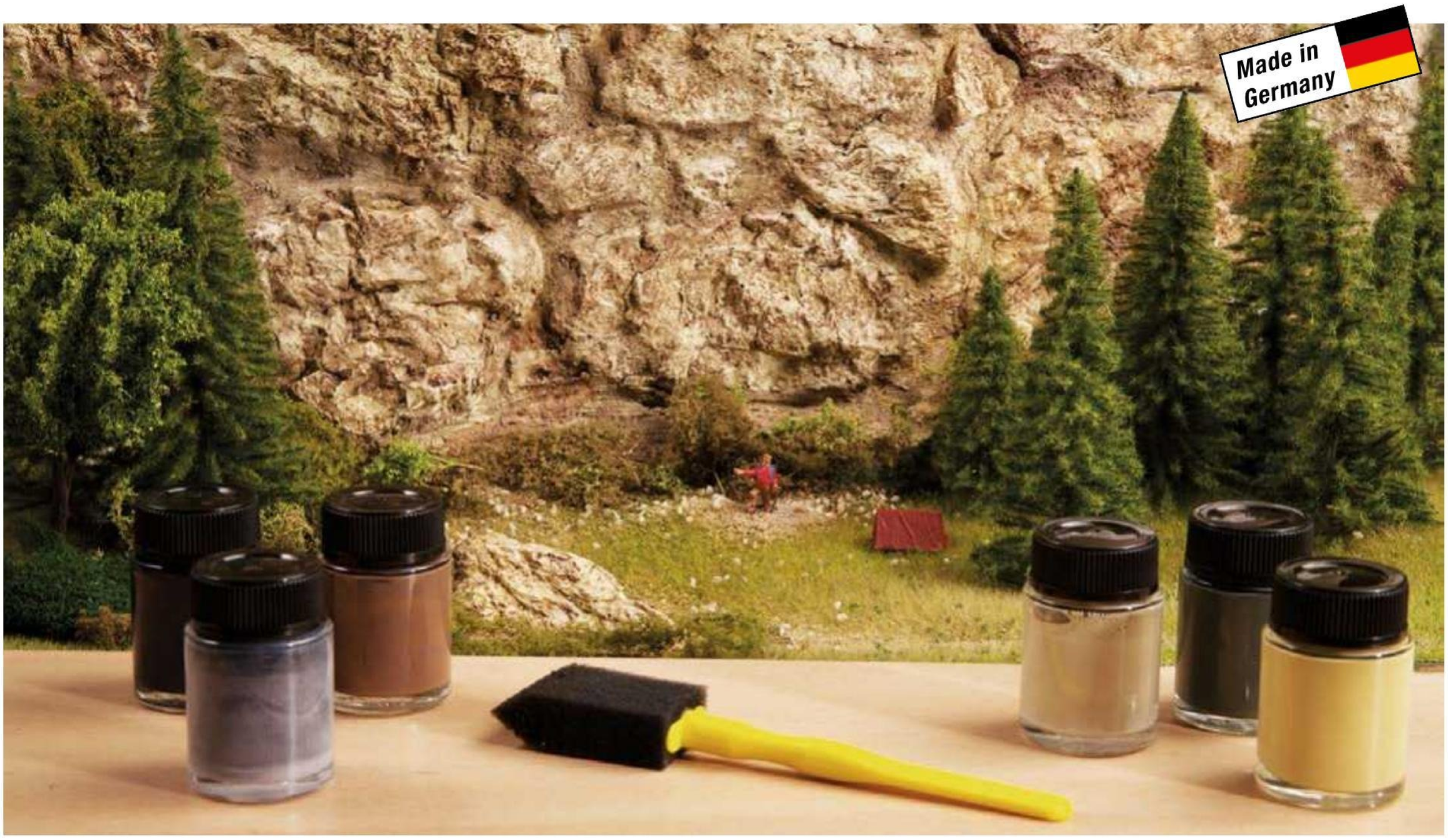
NOCH Rust Paint gives all models irrespective of the material a rusty appearance in next to no time. Its usage is incredibly simple. Spray the product with NOCH Spray & Fix Adhesive (ref. 61152), then apply the extra fine iron base and oxidation substance. Chemistry takes care of the rest: after one to two hours, the treated material is already covered by a rusty surface, which is finally sealed by spraying it once more with Spray & Fix Adhesive.



61162 ***Rust Paint***
10 ml oxidation medium
20 ml iron base extra fine



G 1 0 HO TT N Z





61200 ***Nature Paints Set, 6 colour concentrates*** *each 20 ml, 1 mixing cup, 1 sponge spatula*

Nature Paints Set

NOCH Nature Paints are perfectly matched to the earthy and natural shades of rocks. The Nature Paints Set contains 20 ml of highly-concentrated paint in each of the six different shades: beige, ochre, olive, earth brown, grey and black. The paints are diluted with water before use and applied with the enclosed sponge spatula or the Landscaping Spray Bottle (ref. 61140). This allows you to add nuanced shades to your rocks or paint your ground before flocking.

Landscaping Paints

With our large range of Landscaping Paints (also available as Acrylic Sprays), you can achieve a realistic colour scheme for your model landscape. The matt paints are recommended for adding colour to walls, portals, rocks and mountain ranges, or for priming the ground before flocking.

The high-quality matt Acrylic Paints are suitable for use on all materials including polystyrene. The paints are weatherproof, quick-drying and provide good coverage.



Matt Acrylic Sprays			*Matt Acrylic Paints*			*Characteristics*
Ref.	***Colour***	***Vol.***	***Ref.***	***Colour***	***Vol.***	
61171	*ivory*	*200 ml*	*61188*	*blue*	*90 ml*	• *High-quality matt acrylic paint* • *In realistic landscape shades* • *Water-based* • *Can be diluted with water* • *Can be mixed with each other* • *Suitable for all materials including polystyrene* • *Suitable for indoor and outdoor use, weatherproof*
61172	*ochre*	*200 ml*	*61189*	*dark brown*	*90 ml*	
61173	*brown (like 61193)*	*200 ml*	*61190*	*white*	*90 ml*	
61175	*dark green*	*200 ml*	*61191*	*ivory*	*90 ml*	
61176	*grey*	*200 ml*	*61192*	*ochre*	*90 ml*	
61177	*black*	*200 ml*	*61193*	*brown (like 61173)*	*90 ml*	
			61194	*light green*	*90 ml*	
			61195	*dark green*	*90 ml*	
			61196	*grey*	*90 ml*	
			61197	*black*	*90 ml*	



Colours, combinations and forms are subject to change without prior notice.

Weathering Was Never So Easy!

Patina Marker

Patina Markers make weathering model buildings and landscapes a pleasure. The ingenious markers have two distinct tips: one soft brush tip that adapts to the structure and one broad tip for dealing with surfaces.



Product Highlights:

- *Paint adheres to almost any surface, such as wood, cardboard, plaster, plastic, etc.*
- *Perfectly matching colours for realistic coloration*
- *Two tips for fine and extensive application of the paints*
- *A little goes a long way*

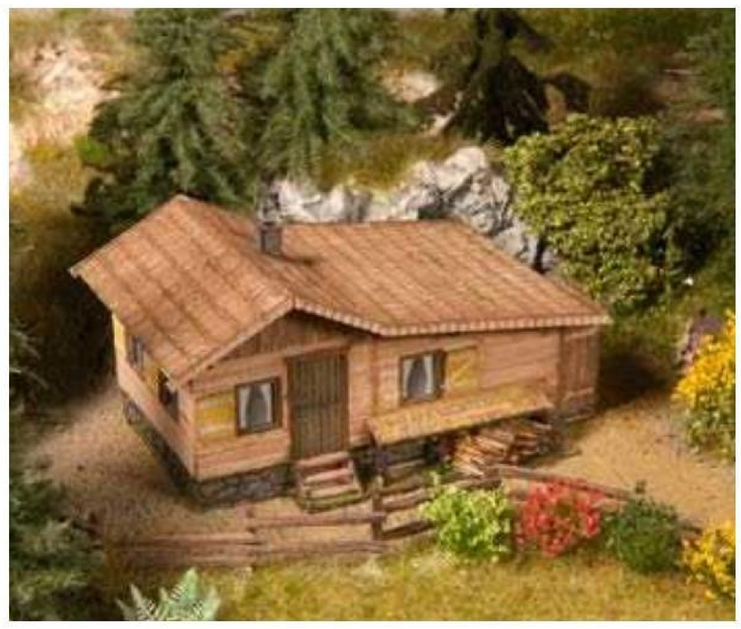
G 1 0 HO TT N Z

Patina Markers for Models

The pens are ideal for ageing and colouring plastic models (buildings, bridges, carriages, vehicles, etc.) or laser-cut buildings. The result of the colour weathering is extremely realistic thanks to the perfectly matching colours. The amount of paint can be measured out precisely due to the ingenious construction of the two tips.







Leaf Green

Warm Gray

Navy Blue

Dark Brown

Yellow Ochre

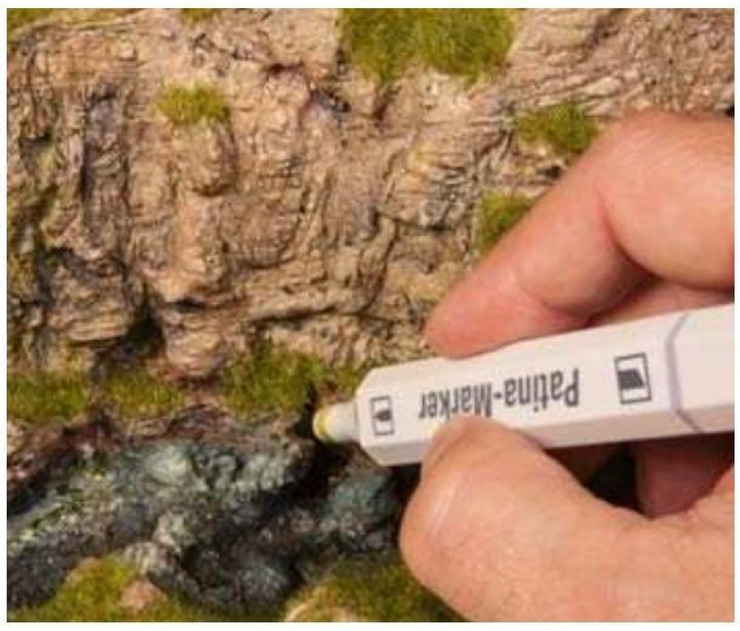
Stone

61158 ***Patina Markers for Models***
Contents: 6 markers

Patina Markers for Landscapes

The innovative markers, available in five natural colours and as a blender, are ideal for the final colour design of landscape elements such as rocks (plaster, hard foam, paper, etc.), walls (hard foam, paper, cardboard, etc.), model water, etc. Their applications are very diverse: weathering rocks, treating water surfaces to imitate algae growth, for example, or ageing streets and squares, are just some of the possibilities. Thanks to the »Blender Pen« in the set, it is also possible to brighten up or wash out the paint application afterwards.







Blender

Basic Gray

Spring Green

Walnut

Latte

Olive

61159 ***Patina Markers for Landscapes***
Contents: 6 markers



Holding it Together – NOCH Adhesives for any Situation!

- ***Landscaping Spray Bottle:*** *all-rounder for adding foliage and flocking*
- ***Spray & Fix Adhesive:*** *for fixing, sealing and leaving a matt finish*
- ***Grass Glue:*** *for electrostatic flocking with grass fibres*
- ***Scenery Glue:*** *for hard foam, wood, paper or polystyrene*
- ***Snow Glue:*** *for electrostatic flocking with snowflakes*
- ***Ballast Glue:*** *for ballast, stones and gravel*
- ***Spray Adhesive:*** *universal adhesive for modelling and household purposes*
- ***Latex Adhesive:*** *for cork, wood, rubber, felt or cardboard*
- ***Laser-Cut Adhesive:*** *for Laser-Cut Kits*

Landscaping Spray Bottle & Landscaping Spray Glue

Landsaping Spray Glue is a real all-rounder as it is very versatile.
Usage 1, »glueing«: *to apply foliage to bushes, trees and shrubs, the tree structure is moistened with the Spray Glue and then leaves, flock or structured flock are sprinkled on. Once dry, the tree is once more sprayed with Spray Glue to fix the foliage.*
Usage 2, »fixing«: *loosely apply the material to be fixed (gravel, ballast, flock, etc.) and then spray it on with Landscaping Spray Glue. Once dry, additional layers can be scattered over the object and fixed on to achieve more volume.*
Usage 3, »sealing«: *spray the Landscaping Spray Glue onto the prepared object (e.g. flocked trees, bushes or ready-made vegetation). This increases their durability and stability. The Spray Glue is premixed and is transparent when dry. The Landscaping Spray Bottle spray head fits onto the Spray Glue Bottle.*



61140 ***Landscaping Spray Bottle empty***

61141 ***Landscaping Spray Glue***
250 g, ready-for-use

Spray & Fix Adhesive

NOCH Spray & Fix Adhesive is a real all-rounder:
leaving a matt finish, fixing and sealing these are this innovative product's strengths.
Leave a matt finish *on shiny plastic surfaces.*
Fix *flocking, foliage and other flocking material after applying a thin layer of Spray & Fix Adhesive on the model landscape.*
Seal *in painted or weathered surfaces. In addition, the Spray & Fix Adhesive is an ideal assistant when weathering models.*

How to weather models:
- *First, squirt a thin layer of Spray & Fix Adhesive onto the object.*
- *Then apply NOCH Weathering Powder (ref. 61165).*
- *Finally, fix the colour pigments by applying another thin layer of Spray & Fix Adhesive.*



61152 ***Spray & Fix Adhesive***
200 ml

G 1 0 H0 TT N Z





Grass Glue

NOCH Grass Glue was specially developed for electrostatic flocking. In comparison to normal white glue, its surface tension is low and it binds more slowly.
Advantages: *NOCH Grass Glue dries slower than conventional glue, giving you more time to flock a surface.*

Best value!



61130 **Grass Glue**
250 g

61131 **Grass Glue XL**
750 g

Scenery Glue

The all-purpose Scenery Glue is the ideal companion to all handicrafts. It quickly and securely glues wood, paper, polystyrene, hard foam (polyurethane) and plastics. It is therefore ideal for sticking on building models, trees, portals and walls, and for connecting various craft materials. The water-based Scenery Glue comes in a practical bottle with a needle tip and is binding within approx. two hours.



61133 **Scenery Glue**
127 g

Snow Glue

NOCH Snow Glue is perfect for applying NOCH Snowflakes (ref. 08760).
Advantages: *dries white, eliminating the need to prime the substrate before applying snow.*



61138 **Snow Glue**
250 g

Ballast Glue

The Ballast Glue is ideal for applying ballast. Thanks to the nozzle, you can also easily reach less accessible spots.
Usage: *spread the loose ballast between the sleepers and then drizzle on the Ballast Glue.*



61134 **Ballast Glue**
130 g

Spray Glue »Haftfix«

This all-purpose Spray Glue is suitable for all kinds of glueing work for modelling as well as in the home.



61151 **Spray Glue »Haftfix«**
400 ml

Latex Adhesive

NOCH Latex Adhesive is a viscous glue paste with a wide range of applications. The milky-white glue emulsion can be applied directly from the dispenser bottle with a brush or putty knife onto cork, wood, rubber, felt, cardboard and textiles. The Latex Adhesive is ideal for glueing down NOCH Cork Track Beds.
The non-toxic adhesive is also suitable for glueing together rails and railway lines to ensure sound insulation.
The rail can be ballasted at the same time.



61135 **Latex Adhesive**
125 g

Laser-Cut Adhesive

NOCH Laser-Cut Adhesive is perfect for building high-grade model Laser-Cut Kits. The adhesive is very easy to apply in exact doses thanks to its tip. Even the smallest of parts can therefore be stuck together cleanly. When glueing larger surfaces together, it is recommended that the adhesive is spread with a paintbrush. Its special formula ensures a strong, long-lasting bond.



61104 **Laser-Cut Adhesive**
30 g

Forest Your Model Landscape – with NOCH Trees of all Kinds and in all Sizes

Trees are an indispensable part of a charming model landscape. They liven up the scenery, introduce colour accents and lend every model railway layout a very special, unmistakable atmosphere. We offer a large assortment of trees in all sizes just like the originals.

In addition, you can choose from various series. Top quality PROFI Trees or inexpensive Hobby Trees there is something for everyone!

G 1 0 H0 TT N Z

Trees and Bushes

Natural Trees – from page 176
- *Super realistic tree structures made of natural »seafoam« plants*
- *For beautiful filigreed trees and bushes*

PROFI Trees – from page 178
- *Handmade, high-quality individual trees*

Classic Trees – from page 190
- *The classic model tree, individually or as a set*

Standard Trees – from page 196
- *Attractive, handmade deciduous or coniferous trees, individually or as a set*

Hobby Trees – from page 198
- *The budget tree in a bulk pack*
- *Ideal for foresting large areas*



Nature Trees

These Nature Trees are as the name suggests totally natural products. Every tree is unique. The very differently grown Sea Foam Nature Trees are between 4 cm and 20 cm high and give each layout a particularly high degree of realism.
You can integrate the Nature Trees naturally in your layout or flock them with NOCH Flock or NOCH Leaf Foliage. The pictures below show you how easily this is done. The sea foam for the Nature Trees is cultivated in special plantations and gently harvested.
Note: *the contents are enough for approx. 15 to 30 trees or bushes (depending on height).*

Super realistic!



23100 ***Nature Trees***



First, the Natural Tree is sprayed with NOCH Haftfix Spray Glue (ref. 61151) or NOCH Landscaping Spray Glue (ref. 61141) ...



and then flocked with Flock or Leaf Foliage from our PROFI Series.



The result: a finished Natural Tree with foliage!

Note: *ideal for flocking NOCH Nature Trees:*



61140 ***Landscaping Spray Bottle***

61141 ***Landscaping Spray Glue***
*250 g, ready-for-use



61151 ***Spray Glue »Haftfix«***
400 ml

Further information on glues can be found from page 173 onwards.



Leaf Foliage and Leaf Foliage Sets

NOCH Leaf Foliage is a very finely-cut, special material for adding foliage. The individual leaves have a real leafy shape. The Leaf Foliage is perfectly suited for flocking NOCH Nature Trees (ref. 23100 - see crafting pictures, below left). Spray the trees with NOCH Haftfix Spray Glue (ref. 61151) or NOCH Landscaping Spray Glue (ref. 61141) and scatter on the leaves with the PROFI Shaker (ref. 08099).



07167 ***Leaf Foliage Set***
olive, light green
medium green, dark green



07168 ***Leaf Foliage Set Autumn***
yellow, red, redbrown
orange-brown



07142 ***Leaves***
light green, 50 g bag



07144 ***Leaves***
medium green, 50 g bag



07146 ***Leaves***
dark green, 50 g bag

Note: *light and medium green Leaf Foliage Packs are also available in practical tubs. You'll find further information on page 132.*

PROFI Shaker

Small tub, big effects: perfectly suitable for sprinkling on leaf foliage without lumps. With a practical filter and scatter insert.



08099 ***PROFI Shaker, empty***



Embankment Vegetation

Design realistic embankment vegetation made of sea foam.
A natural product with amazing properties: no structure is like the other. Small, broken structures can be used as dried up or dead ground cover, as found on every rail embankment. Stronger sea foam pieces can be decorated as broken up branches, as desired.
Larger, fuller sea foam structures can simply have extra foliage added to them with the flock material enclosed in the set. This creates extremely realistic bushes. A DVD with detailed craft tips is also included in the set.

Contents:
- *Tree structures for approx. 40-50 bushes or small trees (depending on height)*
- *25 g of Leaf Foliage light green*
- *25 g of Leaf Foliage medium green*
- *DVD with detailed craft tips (German & English)*









The templates can be realistically flocked with leaves. Leaf Foliage is included in the set. The resulting bushes look very realistic and can be planted on the rail embankment. Use small sea foam parts as dried ground cover and decorate the stronger ones as branches.

23102 ***Embankment Vegetation***

NOCH PROFI Trees

Quality to Meet the Highest Demands

Since 2010, we have been producing our model trees in our own factory in Vietnam. The trees are lovingly made by hand there. This made it possible to further improve the quality of our well-known PROFI Trees.

- *The trunks of the trees are painstakingly painted by hand with matt paint, so that no shiny plastic surfaces are to be seen.*
- *To give the tree more volume, a fine web is incorporated into the branches before they are flocked.*
- *High-grade NOCH Leaf Foliage is used as flock. The specially ground and elaborately painted material resembles the leaves of the original trees in both shape and colour.*
- *As in nature, only the fine branches of NOCH Model Trees bear leaves. The thick branches are left out during the elaborate hand flocking stage.*

The NOCH PROFI Trees Series meets the highest standards of quality and realism. See for yourself!



Thanks to the sizing scale on the packaging, you can easily see how tall the respective tree will be in your gauge.



HO TT N **21550** ***Fruit Tree***
green, 7.5 cm high



HO TT N **21560** ***Apple Tree with fruits***
7.5 cm high



HO TT N **21570** ***Fruit Tree***
blooming, 7.5 cm high



HO TT N **21600** ***Pear Tree***
green, 11.5 cm high



HO TT N **21640** ***Birch Tree***
11.5 cm high

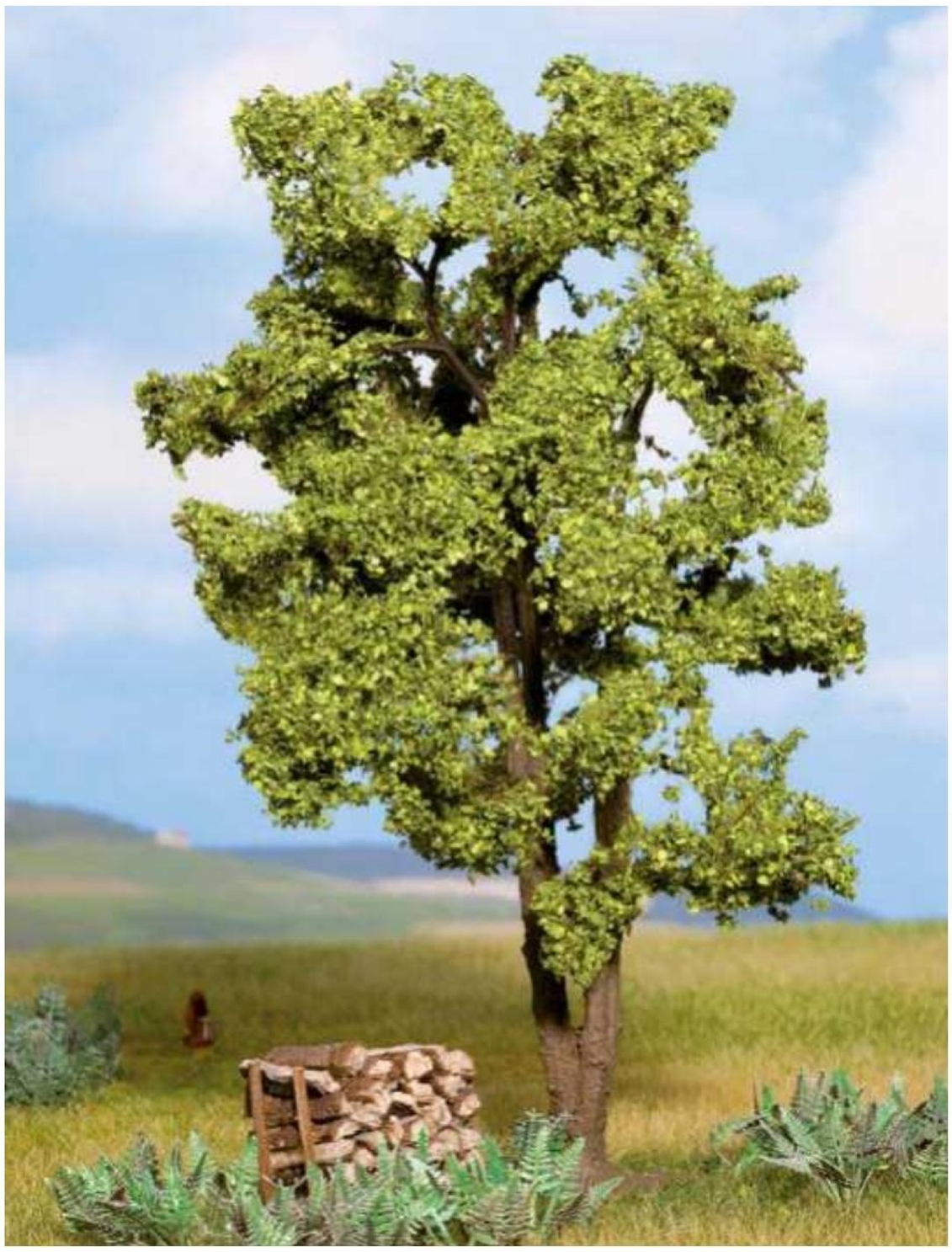


HO TT N **21650** ***Rowan Tree with Berries***
11.5 cm high

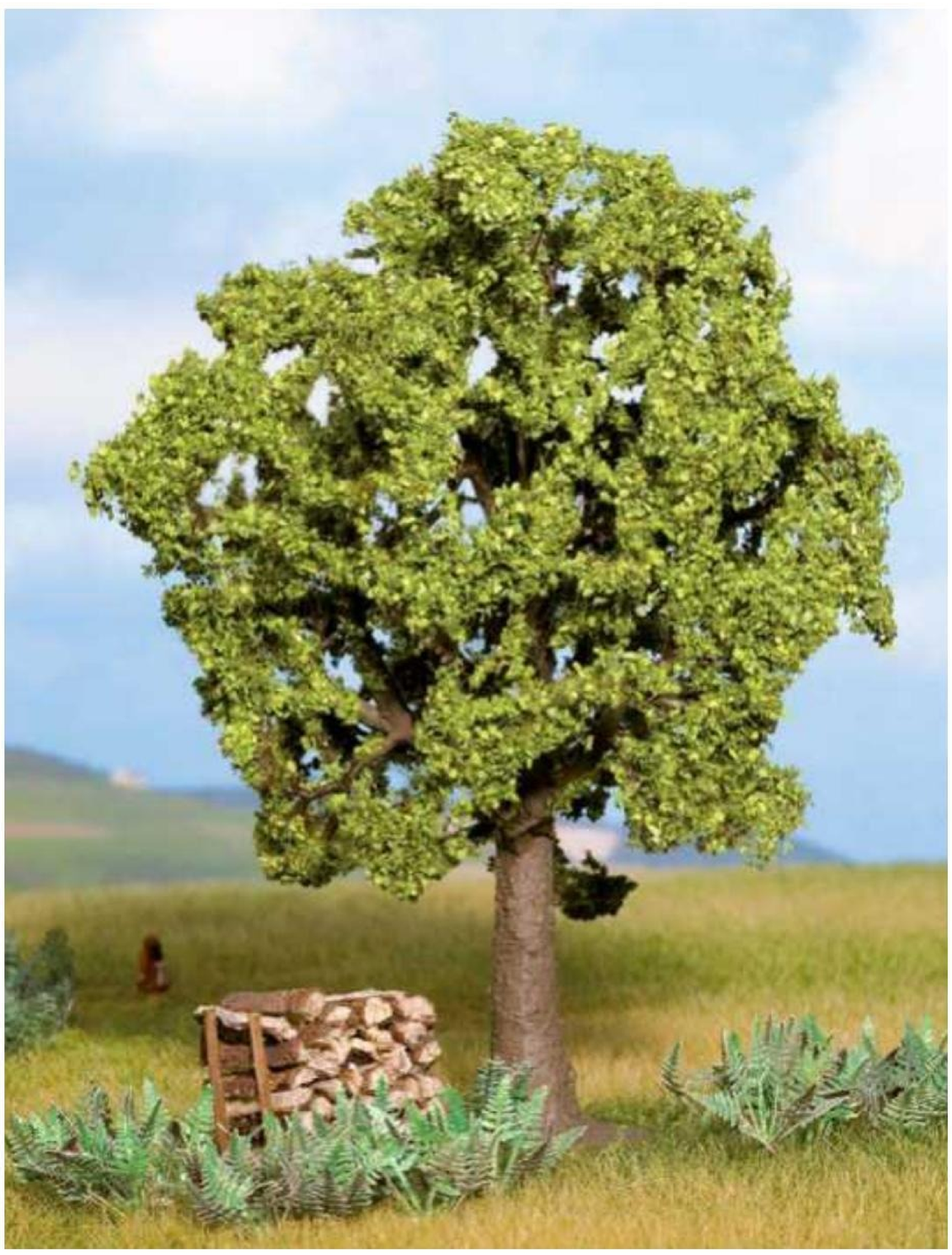
G 1 0 HO TT N Z



H0 **21642** ***Tree with Circular Bench***
11.5 cm high



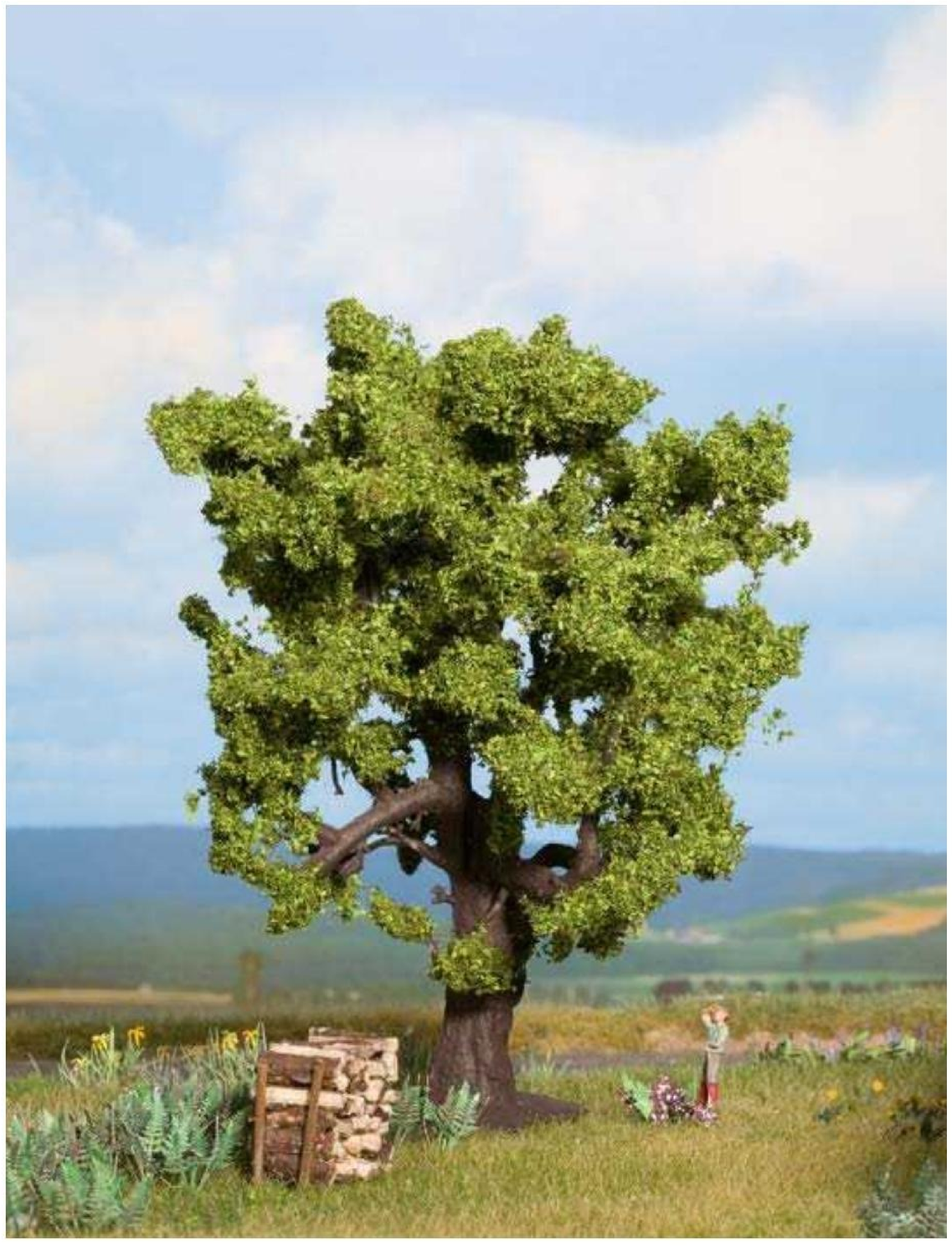
0 **H0** **TT** **N** **21660** ***Acacia***
15 cm high



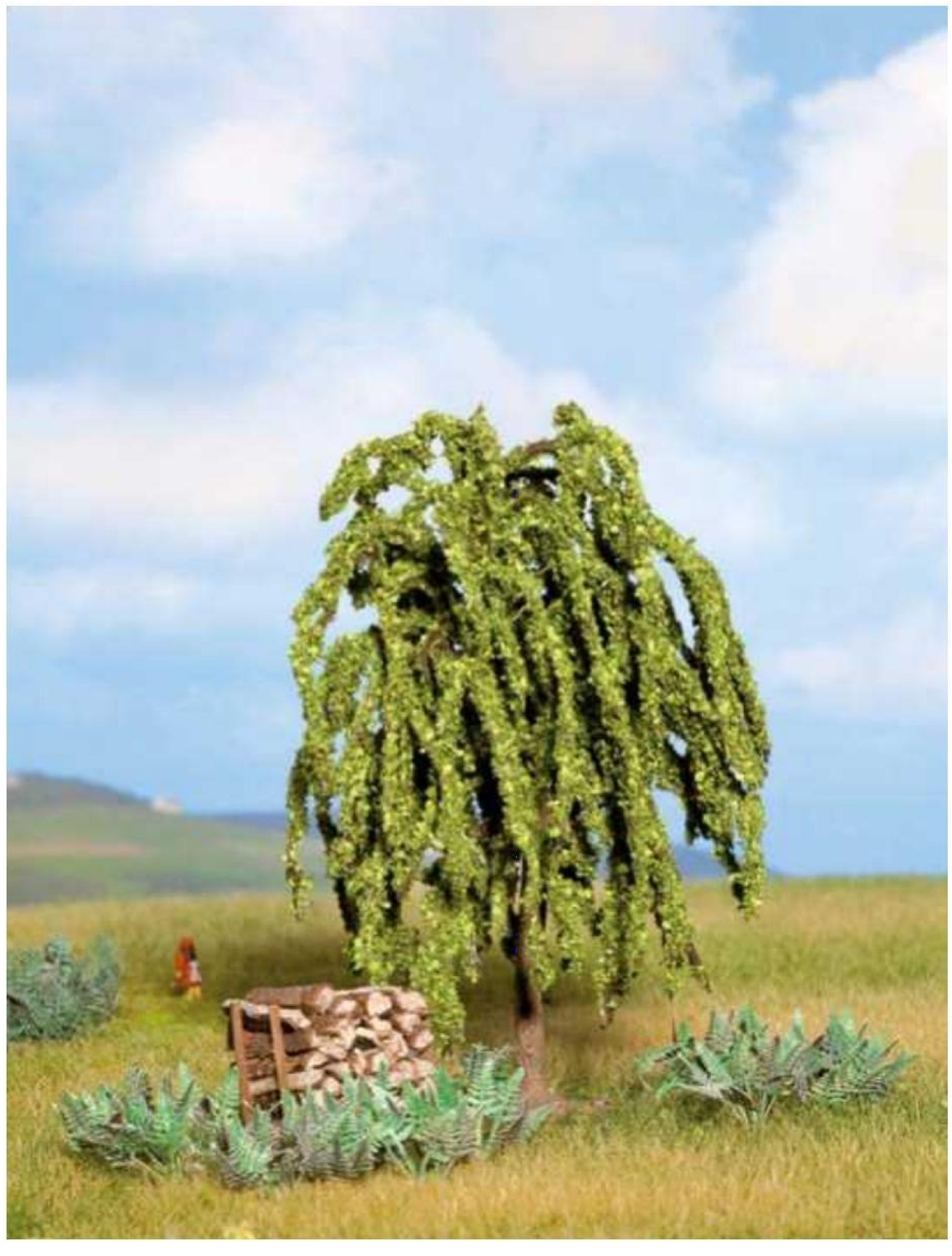
H0 **TT** **N** **21690** ***Beech***
13 cm high



H0 **TT** **N** **21730** ***Copper Beech***
13 cm high



O **HO** **TT** **N** **21760** ***Oak***
15 cm high



HO **TT** **N** **21770** ***Weeping Willow***
11 cm high



O **HO** **TT** **N** **21780** ***Lime Tree***
18.5 cm high



O **HO** **TT** **N** **21800** ***Chestnut Tree***
19 cm high



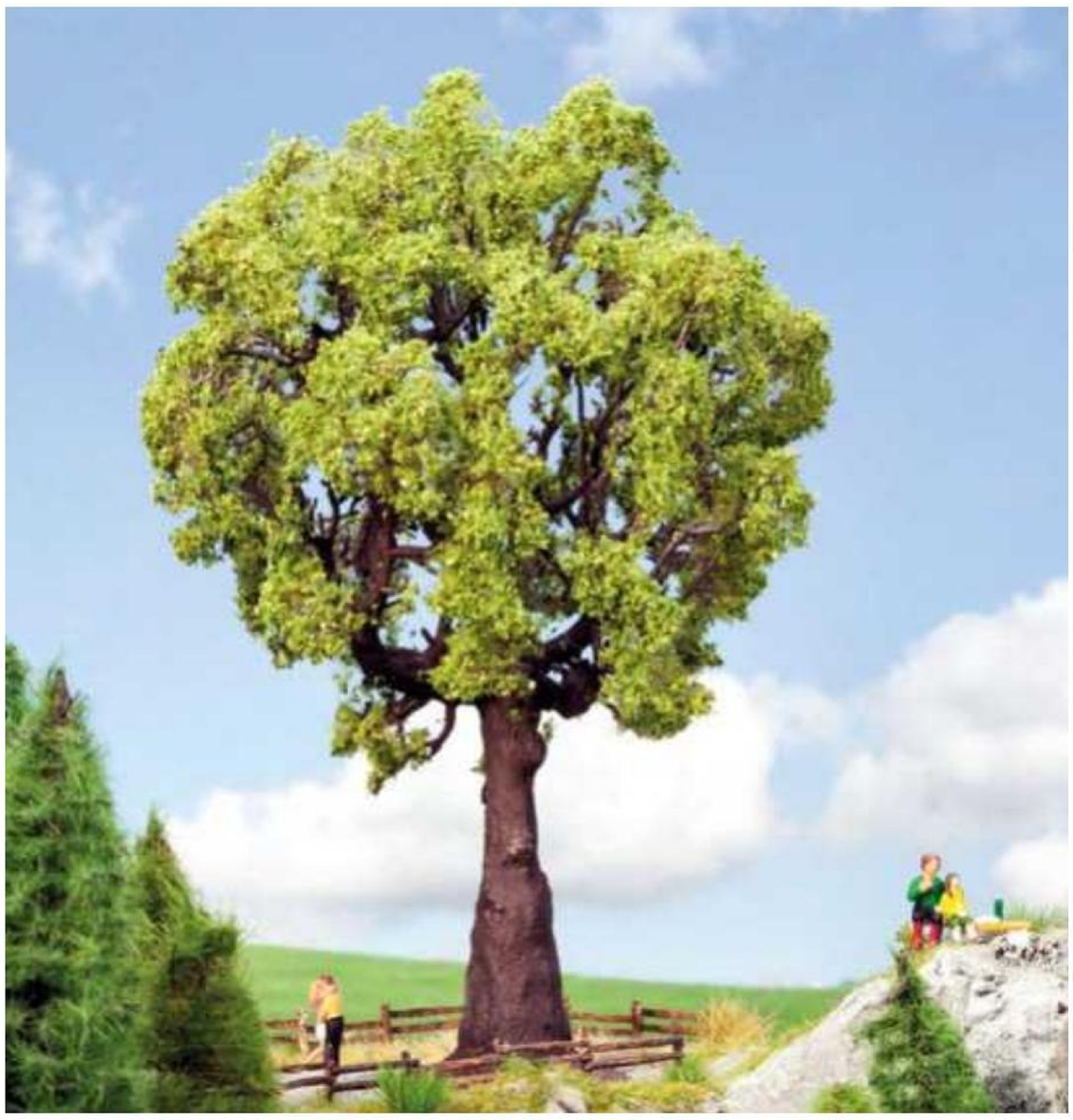
Wow, They‘re Huge!

Extra large PROFI Trees

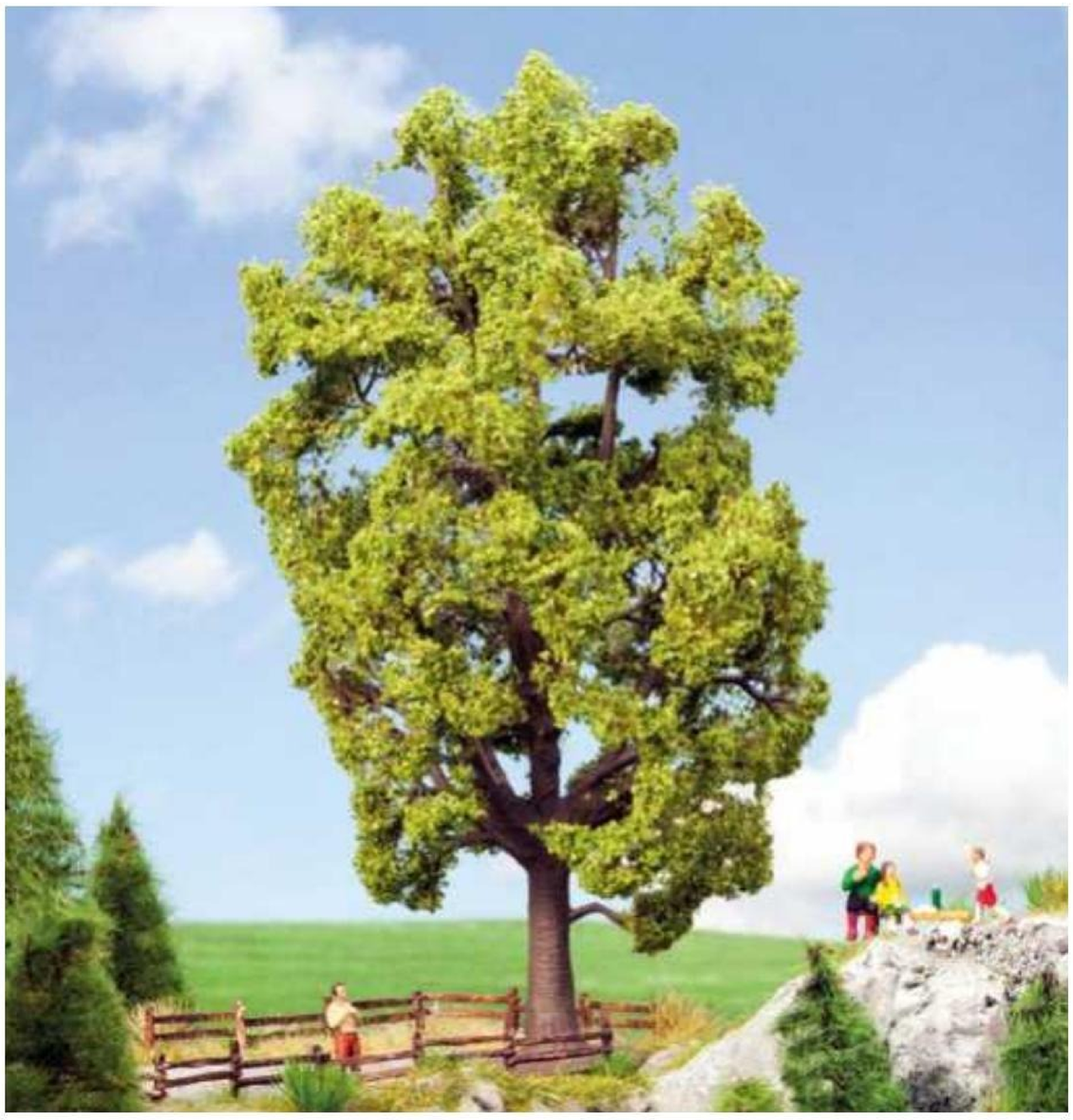
Did you know that birch trees can grow up to 30 metres high and lime trees even up to 40 metres? A birch tree would then be up to 34 cm high in H0 gauge; a lime tree would be up to even 50 cm. Even if that would be a bit too much for a standard model landscape, it's time for taller trees! Because with these especially impressive standalone specimens, beautiful model scenes can be realised. Four typically solitary trees are at your disposal here: Birch, Lime, Oak and Chestnut.



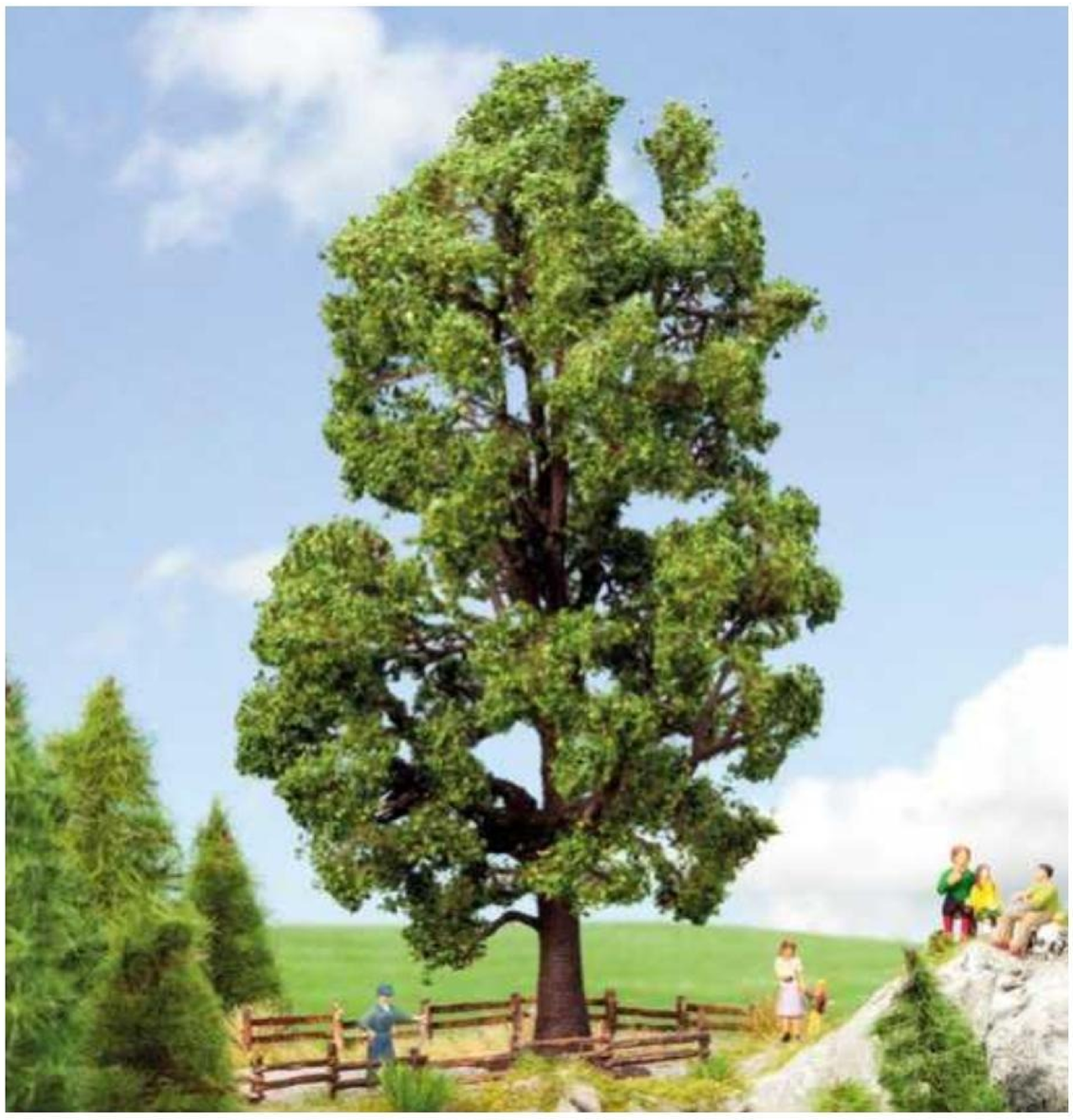
0 **H0** **21641** ***Double Trunk Birch Tree***
19 cm high



0 **H0** **21761** ***Oak Tree***
19 cm high



0 **H0** **21781** ***Lime Tree***
18.5 cm high



0 **H0** **21802** ***Chestnut Tree***
18.5 cm high

Childhood Dreams Come True ...

Tree with Tree house

LASER CUT

This mighty oak with its lovingly designed Tree house is a very special eye-catcher on any model landscape. The tree house is a ready-made laser-cut building model.



HO **21765** ***Tree with Tree House***

15 cm high, figures are not supplied.
We recommend Playing Children (ref. 15810) or Children (ref. 15815)

G | 1 | 0 | HO | TT | N | Z



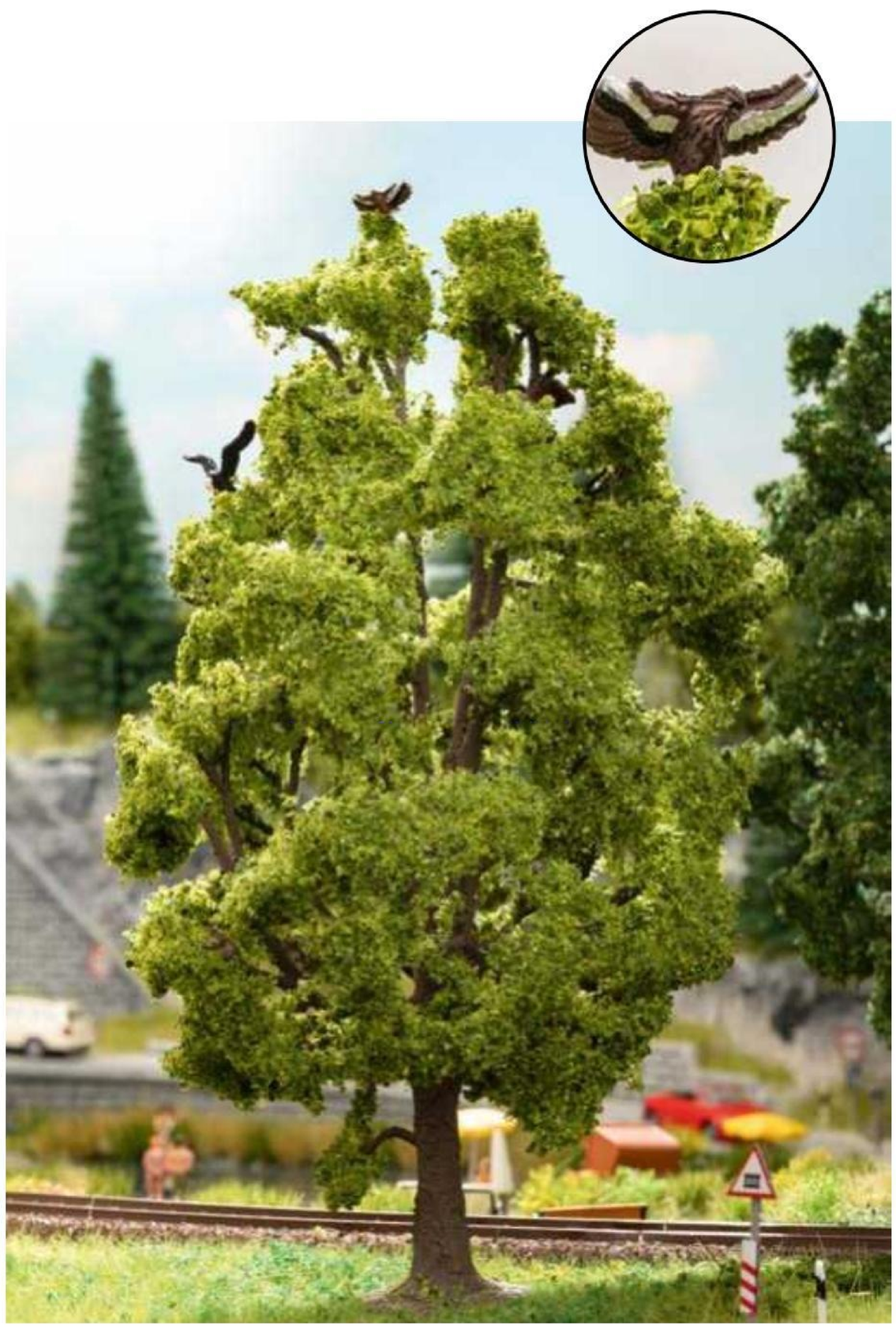


N **21766** ***Tree with Treehouse***
10 cm high, figures are not supplied.
We recommend Children (ref. 36809 and 36815)

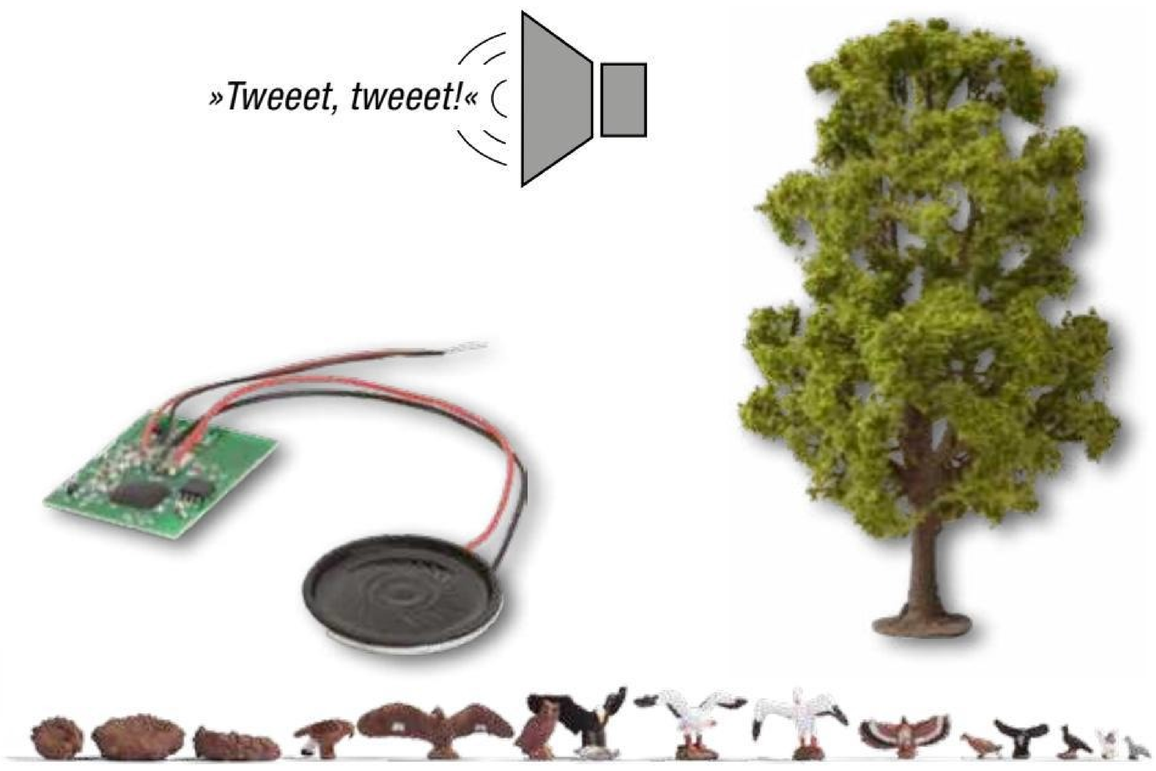
Spring at Last and the Birds Are Tweeting Again!

Tree with Tweeting Bird

Video-Clip



Spring is finally here! The birds return, settle in the trees and tweet and sing again. The days get longer, and the weather gets better. One of the most beautiful seasons! The birds are packed loose and not yet glued on the branches. So you can decide with which birds and where you would like to decorate your lime tree. Temporary Glue (ref. 61121) is perfect for fixing.
The sound module can be connected to a standard 16 V model railway transformer. Suitable for AC or DC.



H0 **21782** ***Tree with Tweeting Bird***
18.5 cm high, including 12 birds and 3 nests

Shiver Me Timbers!

PROFI Fir Trees, Spruces and Pine Trees

With these high-quality firs, spruces and pines, we offer individual trees of convincing quality. In line with our motto »Just like the original«, we have once again improved our popular Nordmann firs and spruces.

The new filigree needles are electrostatically flocked. PROFI Fir Trees and Spruces thus look even more realistic.



HO TT N

21911 ***Pine Tree***
12 cm high



HO TT N

21914 ***Pine Tree***
15 cm high



HO TT N

21919 ***Spruce Tree***
10.5 cm high



HO TT N

21922 ***Spruce Tree***
14.5 cm high



HO TT N

21924 ***High Trunk Spruce Tree***
14.5 cm high

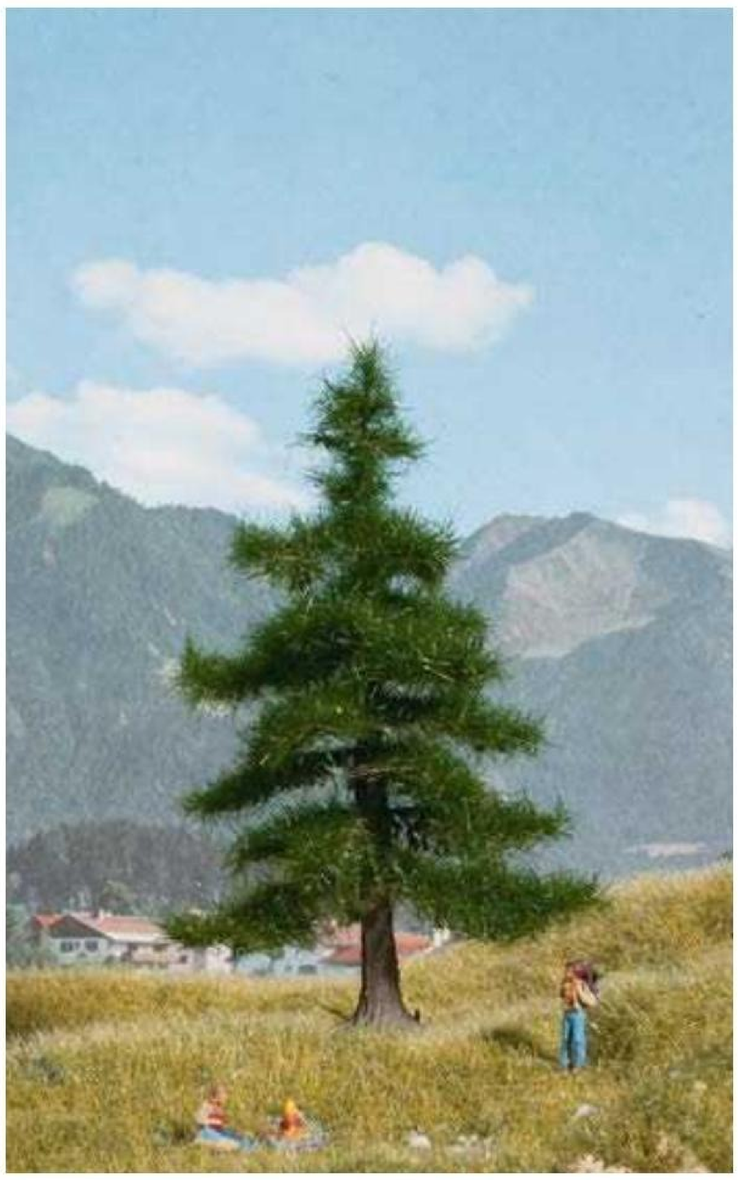


0 HO TT N

21927 ***High Trunk Spruce Tree***
18.5 cm high

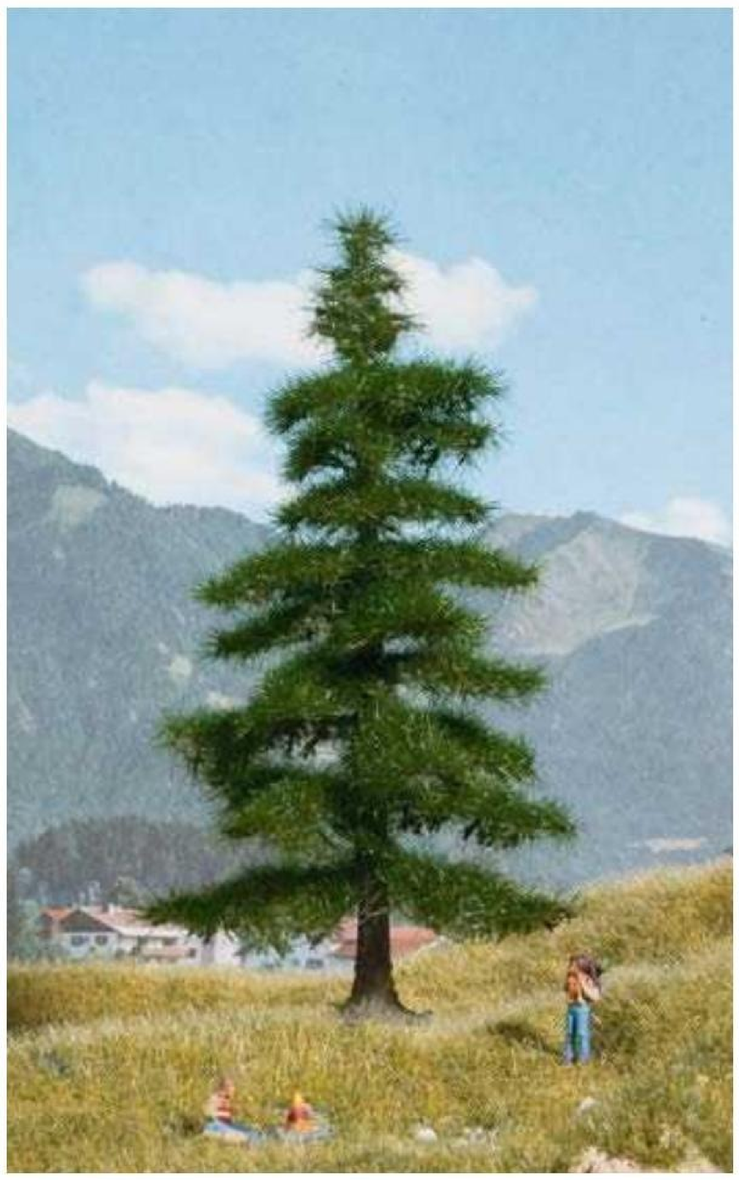
G 1 0 HO TT N Z





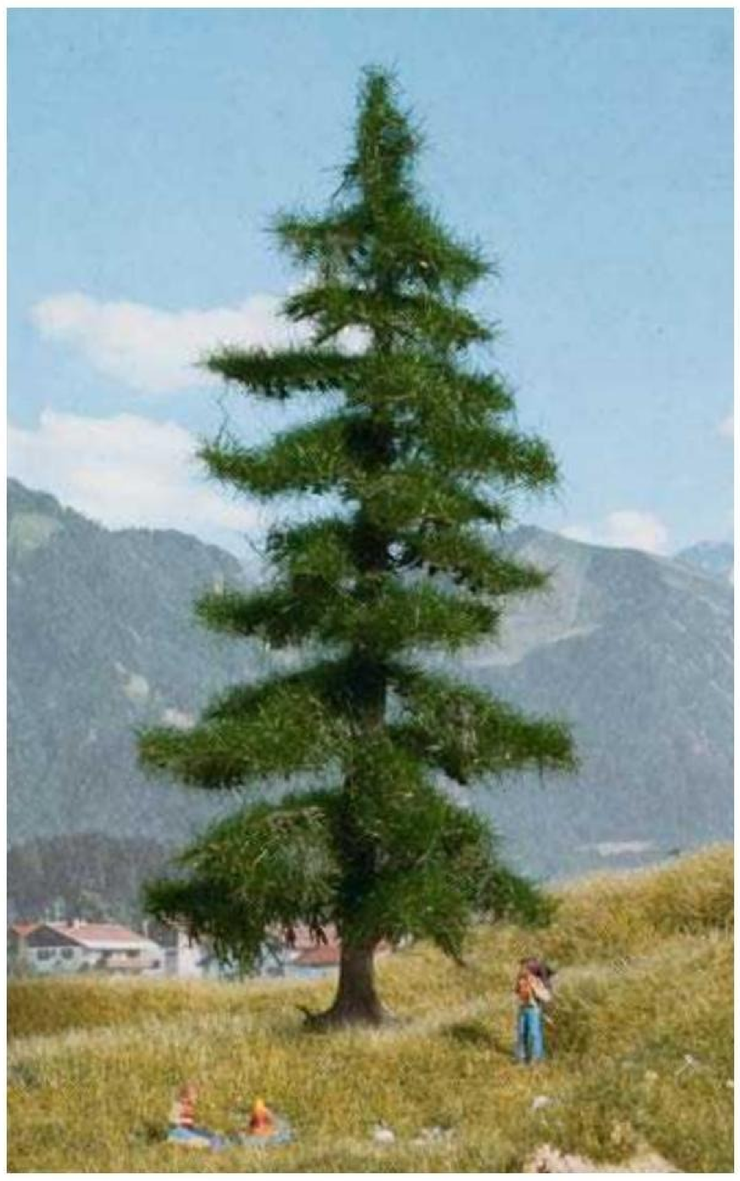
HO TT N

21810 ***Nordic Fir Tree***
12 cm high



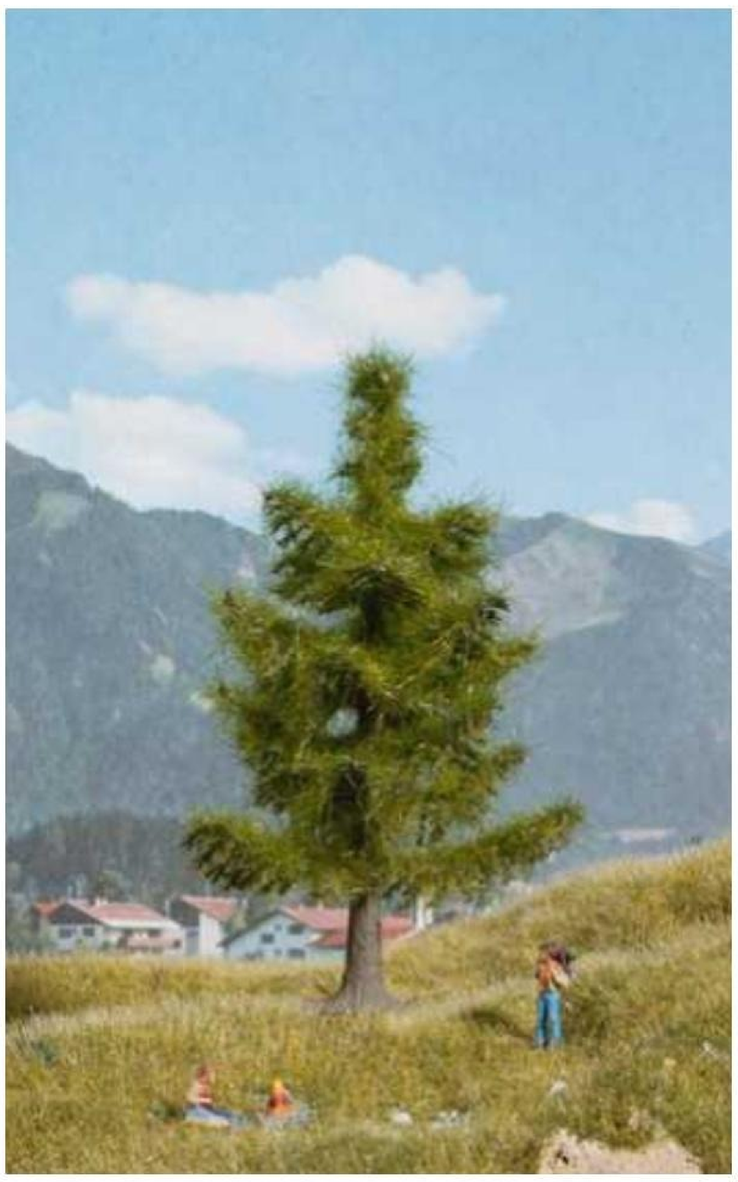
HO TT N

21811 ***Nordic Fir Tree***
14.5 cm high



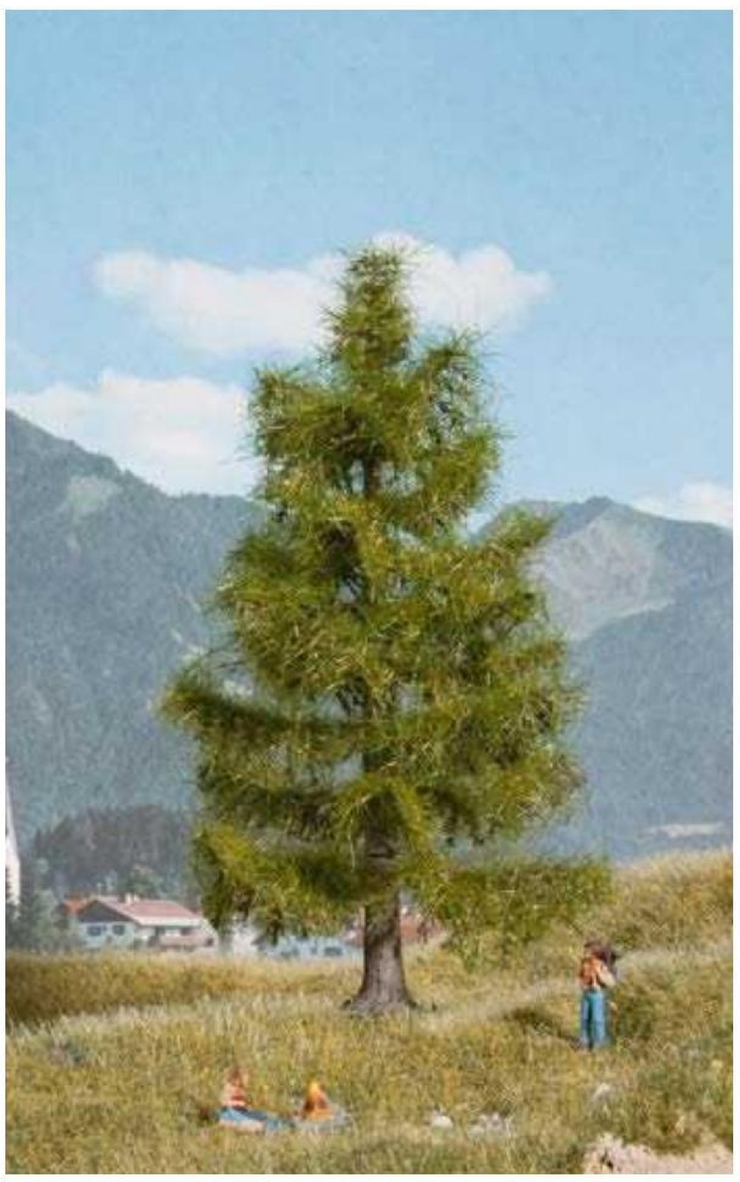
0 HO TT

21812 ***Nordic Fir Tree***
18.5 cm high



HO TT N

21815 ***Spruce Tree***
12 cm high



HO TT N

21816 ***Spruce Tree***
14.5 cm high



0 HO TT

21817 ***Spruce Tree***
18.5 cm high

»Timber!«

micro-motion Falling Tree »Spruce Tree«



The micro-motion »Spruce Tree« realistically falls like a real tree. Slowly at first, and then the more out of balance it gets faster and faster, until it finally bobs gently onto the ground. The spruce independently rights itself again after approx. eight seconds.

The falling tree comes mounted on a servo, ready for use. The tree's fall is triggered by a push button, which is also enclosed.



HO TT **21929** ***micro-motion Falling Tree »Spruce Tree«***
17.5 cm high

G 1 0 HO TT N Z

Craft Tip:
Winter Trees



The Tree Structure is coated with NOCH Snow Paste.



Leave to dry and the impressive winter tree is done.

PROFI Tree Structures

Many passionate modellers have expressed a desire for the NOCH range to include large trees without leaf foliage. The possible uses of these Tree Structures are very diverse.
On the one hand, you can make your own beautiful model trees out of the »naked« trees. On the other hand, they are also the ideal template for splendid winter trees.



HO TT N **22010** ***Tree Structure »Beech Tree«***
13 cm high



O HO TT N **22020** ***Tree Structure »Lime Tree«***
18.5 cm high



PROFI Snowy Fir Trees

PROFI Snowy Fir Trees are ideal for the demanding modeller of winter scenes. Every pack contains two elaborately handcrafted trees.



HO TT N **21965** ***Snowy Fir Trees***
2 pieces, 16 cm and 18 cm high

O HO TT N **21966** ***Snowy Fir Trees***
2 pieces, 18 cm and 20 cm high

Colours, combinations and forms are subject to change without prior notice.



Vines

The vine leaves are made from the well-known high-grade NOCH Leaf Foliage. Each pack contains 24 vines (six rows of four vines each).





HO TT **21540** ***Vines***
24 Vines, approx. 2.2 cm high

N Z **21545** ***Vines***
24 Vines, approx. 1.6 cm high



Plantation Trees

As well as the traditional meadow orchards, fruit plantations are increasingly shaping our landscape. With these Plantation Trees, you can now perfectly reproduce this as a model. The Plantation Trees with Apples also bear small yellowish-red fruits.

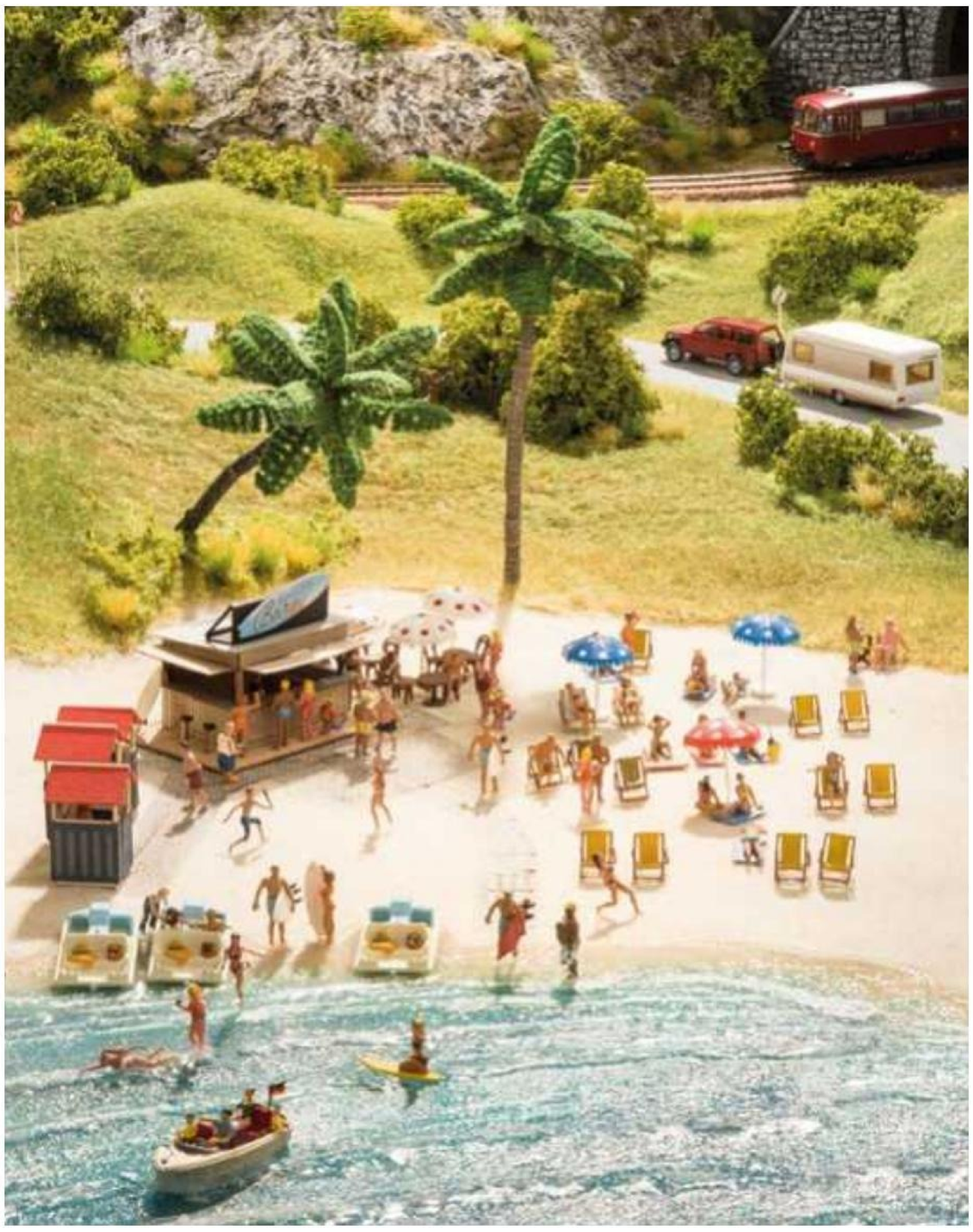




HO TT **21532** ***Plantation Trees with Apples***
12 pieces, 3.5 cm high

N Z **21537** ***Plantation Trees with Apples***
24 pieces, 2 cm high

G 1 O HO TT N Z



Mediterranean Trees in the NOCH PROFI Series

For the creation of beaches along the South Pacific or Mediterranean landscapes, you'll find Palm Trees, Olive Trees, Almond Trees and Cypresses Trees in the NOCH range. So, you can hold on to that holiday feeling through your model landscape!



0 HO TT

21971 **Palm**
15 cm high



0 HO TT

21981 **Palm**
19 cm high



HO TT **21995** **Olive Trees**
2 pieces, 6 cm and 9 cm high



HO TT N **21996** **Almonds**
2 pieces, 8 cm and 9 cm high



HO TT N **21998** **Cypresses**
3 pieces, 10 cm, 11 cm and 13 cm high



Colours, combinations and forms are subject to change without prior notice.

NOCH Classic Trees

NOCH Classic Trees are lifelike yet affordable, high-quality model trees with high-grade flock. You can get the trees as an attractive blister pack or individually packed in a plastic bag. The Classic Trees are suitable for displaying on their own or for populating entire forests.



Thanks to the sizing scale on the packaging, you can easily see how tall the respective tree will be in your gauge.



HO TT **25110** ***Fruit Trees***
green, 3 pieces, 8 cm high

N Z **25510** ***Fruit Trees***
green, 3 pieces, 4.5 cm high



HO TT **25111** ***Fruit Trees***
white blossom, 3 pieces, 8 cm high

N Z **25511** ***Fruit Trees***
white blossom, 3 pieces, 4.5 cm high



HO TT **25112** ***Fruit Trees***
pink blossom, 3 pieces, 8 cm high



HO TT **25113** ***Apple Trees***
3 pieces, 8 cm high

N Z **25513** ***Apple Trees***
3 pieces, 4.5 cm high



HO TT N **25114** ***Orange Trees***
3 pieces, 4 cm high



HO TT N **25115** ***Lemon Trees***
3 pieces, 4 cm high



HO TT **25130** ***Weeping Willows***
3 pieces, 8 cm high

G 1 0 HO TT N Z



HO TT **25120** ***Birch Trees***
3 pieces, 8 cm and 10 cm high

N Z **25520** ***Birch Trees***
3 pieces, 4.5 cm high



HO TT **25140** ***Poplars***
3 pieces, 12 cm high

N Z **25525** ***Poplars***
3 pieces, 5.5 cm high



HO TT **25150** ***Sycamore Trees***
3 pieces, 9 cm high



HO TT **25170** ***Beech Trees***
2 pieces, 13 cm high



HO TT **25232** ***Fir Trees***
4 pieces, 8 cm - 12 cm high

HO TT N Z **25432** ***Fir Trees***
4 pieces, 4 cm - 8 cm high



HO TT N Z **25234** ***Snowy Fir Trees***
3 pieces, approx. 8 cm - 12 cm high



HO TT **25410** ***Bushes***
green, 5 pieces, 3 cm - 4 cm high



HO TT **25420** ***Bushes***
in blossom, 5 pieces, 3 cm - 4 cm high

Colours, combinations and forms are subject to change without prior notice.

NOCH Classic Trees
Economy Sets

The Classic Series is where the NOCH Trees range began. With the economy sets, we have now implemented an idea that combines two advantages. Firstly, you benefit from a unique price-performance ratio, because the trees are cheaper in the economy sets than in the 3-pack, for example. Secondly, you send a clear signal about climate change by purchasing the economy set: for every 100 model trees sold, a real tree is planted by the organisation »Plant for the Planet« on our behalf.





HO TT N Z **25070** ***Autumn Trees***
7 pieces, approx. 8 cm - 10 cm high



HO TT N Z **25075** ***Winter Trees***
7 pieces, approx. 8 cm - 10 cm high



HO TT N Z **25087** ***Snowy Fir Trees***
7 pieces, approx. 8 cm - 12 cm high



HO TT N Z **25086** ***Fir Trees***
9 pieces, approx. 8 cm - 12 cm high



HO TT N Z **25088** ***Deciduous Trees***
7 pieces, approx. 8 cm high

G 1 0 HO TT N Z

Info Tip:
Plant for the Planet

»Plant for the Planet« is a school initiative that helps children around the world to appreciate the importance of trees for our climate. The organisation trains children to be climate ambassadors. As well as celebrities and other companies, NOCH has also taken on sponsorship of a climate ambassador. In addition, we donate a real tree to the organisation with every 100 model trees that are sold from this range! This is how NOCH takes responsibility for the environment and climate.
You can support us by buying these products and not just planting trees in your model landscape.

»Stop talking start planting!«
Thanks to your help, we have already been able to plant over 5,100 trees with the »Plant for the Planet« campaign. Further information can be found online at:
www.plant-for-the-planet.org





HO TT N Z **25090** ***Fruit Trees***
green, 7 pieces, approx. 8 cm high



HO TT N Z **25092** ***Fruit Trees***
in blossom, 7 pieces, approx. 8 cm high



HO TT N Z **25096** ***Birch Trees***
7 pieces, approx. 10 cm high



HO TT N Z **25098** ***Poplars***
7 pieces, approx. 12 cm high



Thanks to the sizing scale on the packaging, you can easily see how tall the respective tree will be in your gauge.



O **H0** **TT** **N** ***25880*** ***Lime Tree***
18.5 cm high



O **H0** **TT** **N** ***25895*** ***Horse Chestnut Tree***
19 cm high



O **H0** **TT** **N** ***25860*** ***Oak Tree***
15 cm high

G **1** **O** **H0** **TT** **N** **Z**



Classic Tree Assortments

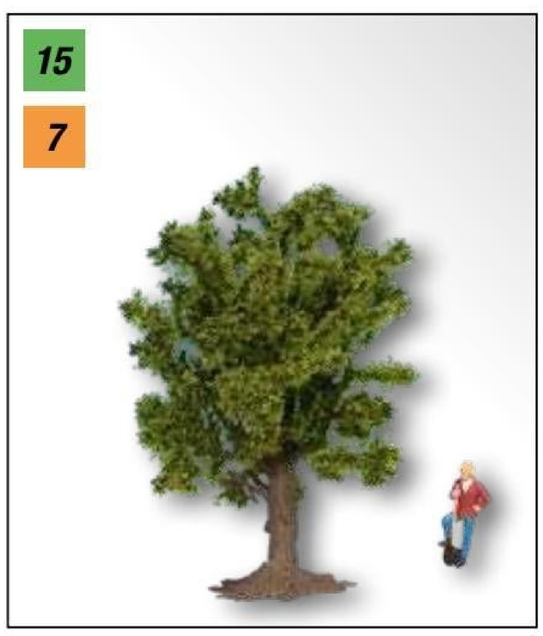
The NOCH Classic Series is the most popular tree series in the NOCH range. The pretty trees are available individually packed, in a practical self-service box. NOCH offers an assortment of deciduous trees and a mixed assortment of deciduous and coniferous trees. Each assortment contains 100 trees.

H0 **TT** **25950** ***Deciduous Trees***
with Tree Bases, 100 pieces

H0 **TT** **25952** ***Deciduous- and Conifer Trees***
with Tree Bases, 100 pieces



Plum Tree, *green, 8 cm high*



Fruit Tree, *green, 8 cm high*



Fruit Tree, *white blossom, 8 cm high*



Fruit Tree, *pink blossom, 8 cm high*



Apple Tree, *8 cm high*



Birch Tree, *10 cm high*



Weeping Willow Tree, *8 cm high*



Poplar Tree, *12 cm high*





Sycamore Tree, *9 cm high*



Model Fir Tree, *8 cm high*



Model Fir Tree, *10 cm high*

Great Quality at an Attractive Price!

Standard Trees

Now with Tree Bases!

When it comes to reforesting large spaces with attractive trees, Standard Trees ought to be the number one choice. The plastic Deciduous Tree sprues are hand-painted and flocked with specially developed, realistic flock. The Firs are decorated with a special, realistic-looking needle flock.







HO TT **24600** ***Deciduous Trees***
8 pieces, 10 cm - 14 cm high

HO TT **24601** ***Deciduous Trees***
16 pieces, 10 cm - 14 cm high

O HO TT **24602** ***Deciduous Trees***
6 pieces, 14 cm - 18 cm high

HO TT N Z **24603** ***Deciduous Trees***
16 pieces, 4 cm - 10 cm high



HO TT **24620** ***Mixed Forest***
8 pieces, 10 cm - 14 cm high

HO TT **24621** ***Mixed Forest***
16 pieces, 10 cm - 14 cm high

O HO TT **24622** ***Mixed Forest***
6 pieces, 14 cm - 18 cm high

HO TT N Z **24623** ***Mixed Forest***
16 pieces, 4 cm - 10 cm high

G 1 O HO TT N Z



H0 **TT** **24640** ***Fir Trees***
8 pieces, 10 cm - 14 cm high

H0 **TT** **24641** ***Fir Trees***
16 pieces, 10 cm - 14 cm high

0 **H0** **TT** **24642** ***Fir Trees***
6 pieces, 14 cm - 18 cm high

H0 **TT** **N** **Z** **24643** ***Fir Trees***
16 pieces, 4 cm - 10 cm high



H0 **TT** **24680** ***Snowy Fir Trees***
8 pieces, 10 cm - 14 cm high

H0 **TT** **24681** ***Snowy Fir Trees***
16 pieces, 10 cm - 14 cm high

0 **H0** **TT** **24682** ***Snowy Fir Trees***
6 pieces, 14 cm - 18 cm high

H0 **TT** **N** **Z** **24683** ***Snowy Fir Trees***
16 pieces, 4 cm - 10 cm high



Standard Trees Assortments

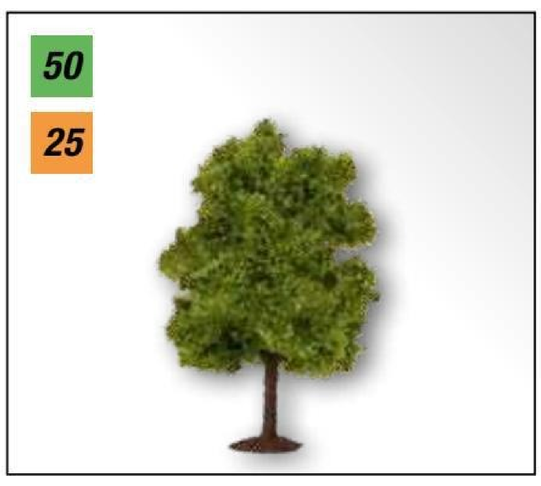
The attractive and reasonably-priced Standard Trees are also available in a self-service box.

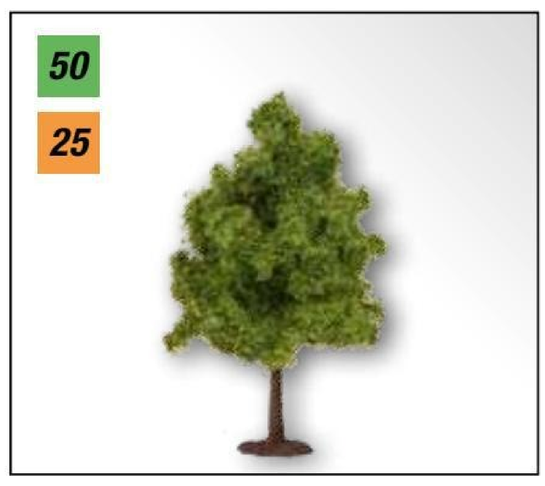
H0 **TT** **N** **25963** ***Deciduous Trees***
Contents: 50 Trees, 8 cm high, 50 Trees, 10 cm high

H0 **TT** **N** **25964** ***Deciduous Trees and Conifers***
Contents: 25 Deciduous Trees, 8 cm high, 25 Deciduous Trees, 10 cm high
25 Fir Trees, 10 cm high, 25 Fir Trees, 12 cm high









Budget Trees for Great Forests!

Hobby Trees

Best value!

The popular range of NOCH Hobby Trees offers attractive trees at an affordable price. The large packs with up to 50 trees are perfect for realistically foresting dioramas and layouts.



Deciduous Trees

Pack and Economy Pack with 5, 10 or 25 beautifully flocked trees of different heights.

- *In various shades of green and in different shapes*
- *With realistic tree trunks*

Deciduous Trees				
Ref.	**Description**	**Height in cm**	**Qty.**	**Gauge**
26801	Deciduous Trees	5 9	25	H0, TT
26901	Deciduous Trees	5 9	10	H0, TT
26902	Deciduous Trees	5 9	5	H0, TT
32801	Deciduous Trees	3.5 5	25	N, Z
32901	Deciduous Trees	3.5 5	10	N, Z



Spring Trees

Pack and Economy Pack with 10 or 25 beautifully flocked trees of different heights.

- *In various rich spring colours*
- *With realistic tree trunks*

Spring Trees				
Ref.	**Description**	**Height in cm**	**Qty.**	**Gauge**
26806	Spring Trees	5 9	25	H0, TT
26906	Spring Trees	5 9	10	H0, TT

G 1 0 H0 TT N Z



Mixed Forest				
Ref.	**Description**	**Height in cm**	**Qty.**	**Gauge**
26811	Mixed Forest	5 14	25	H0, TT
26911	Mixed Forest	5 14	10	H0, TT
32811	Mixed Forest	3.5 9	25	N, Z
32911	Mixed Forest	3.5 9	10	N, Z

Mixed Forest

Pack and Economy Pack with 10 or 25 beautifully flocked trees of different heights.

- *Set of 25 contains 10 deciduous trees and 15 model fir trees*
- *Set of 10 contains 4 deciduous trees and 6 model fir trees*
- *With realistic tree trunks or root bases*







Model Fir Trees and Fir Trees with planting pin				
Ref.	**Description**	**Height in cm**	**Qty.**	**Gauge**
26820	Model Fir Trees	5 14	25	H0, TT
26821	Model Fir Trees	5 14	50	H0, TT
26822	Model Fir Trees, extra high	16 19	10	H0, TT
26920	Model Fir Trees	5 14	10	H0, TT
26921	Model Fir Trees	5 9	5	H0, TT
32820	Model Fir Trees	3.5 9	25	N, Z
32920	Model Fir Trees	3.5 9	10	N, Z
26830	Fir Trees with pin	5 14	25	H0, TT
26831	Fir Trees with pin	5 14	50	H0, TT
26930	Fir Trees with pin	5 14	10	H0, TT
32830	Fir Trees with pin	3.5 9	25	N, Z

Model Fir Trees & Fir Trees with planting pin

Pack and Economy Pack with 5, 10, 25 or 50 beautifully flocked trees of different heights.

- *In various sizes and shapes*
- *Extra high Model Fir Trees available*
- *With realistic, irregularly cut branch tips*
- *Model Fir Trees with realistic root bases*
- *Fir Trees including planting pin and without root bases*



Model Spruce Trees

Pack and Economy Pack with 5, 10, 25 or 50 beautifully flocked trees of different heights.

- *In various sizes and shapes*
- *Extra high model spruce trees available*
- *With realistic, irregularly cut branch tips*
- *True-to-life: light green branch tips*
- *With realistic root bases*



Model Spruce Trees				
Ref.	**Description**	**Height in cm**	**Qty.**	**Gauge**
26825	Model Spruce Trees	5 14	25	H0, TT
26826	Model Spruce Trees	5 14	50	H0, TT
26827	Model Spruce Trees, extra high	16 19	10	H0, TT
26925	Model Spruce Trees	5 14	10	H0, TT
26926	Model Spruce Trees	5 9	5	H0, TT
32825	Model Spruce Trees	3.5 9	25	N, Z
32925	Model Spruce Trees	3.5 9	10	N, Z



Snowy Fir Trees

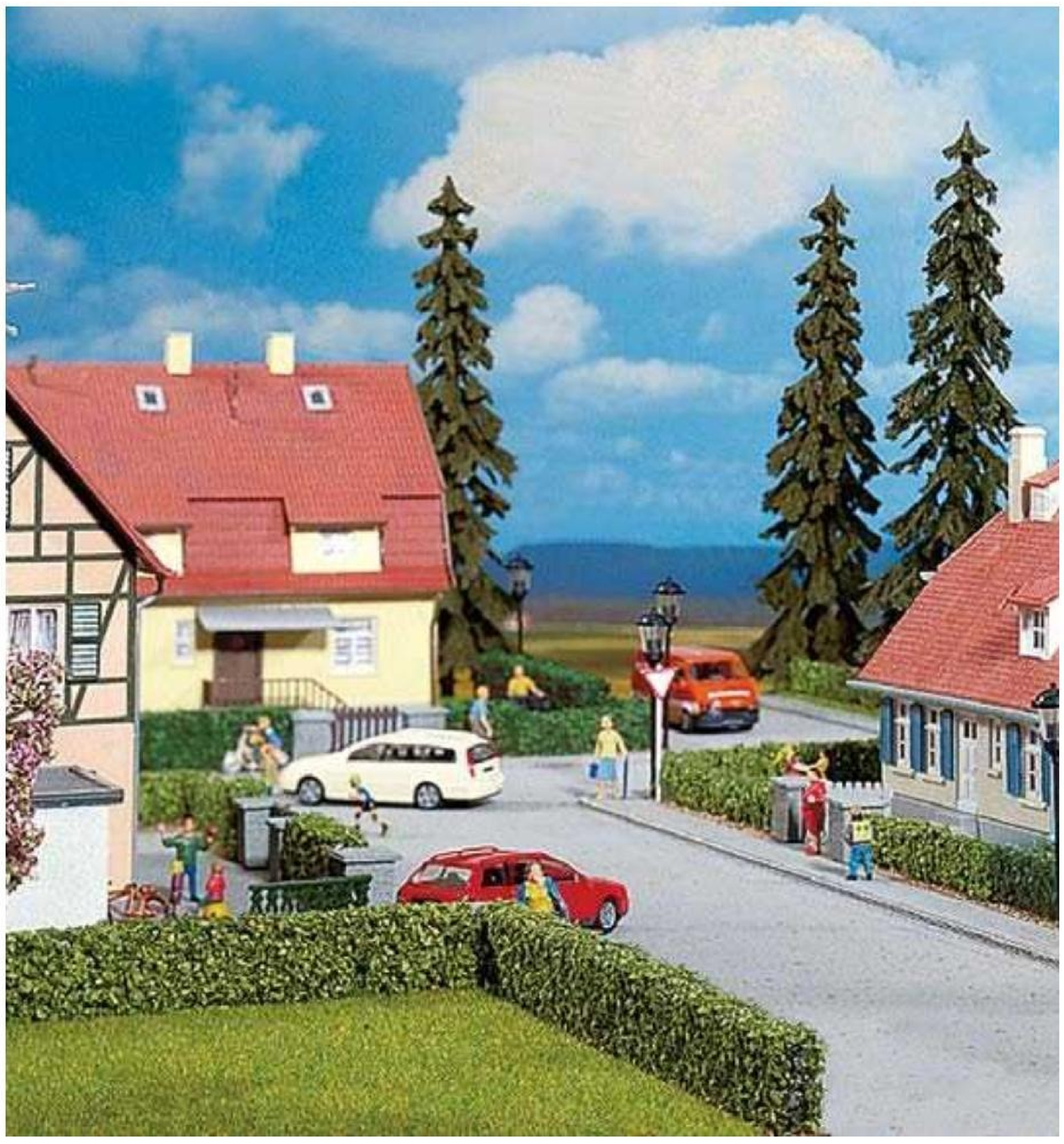
Pack and Economy Pack with 5, 10 or 25 beautifully snow-dusted trees of different heights.

- *In various sizes and shapes*
- *With realistic, irregularly cut branch tips*
- *Coloured wintery white*
- *With realistic root bases*

Snowy Fir Trees				
Ref.	**Description**	**Height in cm**	**Qty.**	**Gauge**
26828	Snowy Fir Trees	5 14	25	H0, TT
26928	Snowy Fir Trees	5 14	10	H0, TT
26929	Snowy Fir Trees	5 9	5	H0, TT
32828	Snowy Fir Trees	3.5 9	25	N, Z

Note: *if your model railway winter is only meant to last a few months (like in real life), sieve some NOCH Powdery Snow (ref. 08750) evenly over your landscape. Since NOCH Powdery Snow is made of a special water-repellent material, it does not clump or stick and it can be easily removed again with a hoover (see »Winter« chapter starting on page 148).*

G 1 0 H0 TT N Z



Model Hedges

In both rural and urban settings, hedges play a key role in shaping the street scene in the real world and in the model world.
That's why we offer an assortment of realistic Model Hedges with high-grade flocked NOCH Leaf Foliage.
Every pack contains two hedges with a length of 50 cm (total length 100 cm). You can use both sizes (1.5 cm x 0.8 cm and 1 cm x 0.6 cm) for each gauge (H0, TT and N) depending on the desired hedge height in proportion to the surroundings.
To illustrate these proportions, the hedges below are shown alongside a pair of H0, TT and N lovers.





H0 TT N **21512** **Model Hedges**
green, 2 pieces
1.5 cm x 0.8 cm
each 50 cm long



H0 TT N **21522** **Model Hedges**
green, 2 pieces
1 cm x 0.6 cm
each 50 cm long



H0 TT N **21514** **Model Hedges**
dark green, 2 pieces
1.5 cm x 0.8 cm
each 50 cm long



H0 TT N **21524** **Model Hedges**
dark green, 2 pieces
1 cm x 0.6 cm
each 50 cm long



Lichen

NOCH Lichen is made of 100 % real Iceland lichen and is therefore a completely natural product. So that it retains its natural springiness for as long as possible, it is pretreated in a special process and then dyed. With its authentic appearance, NOCH Lichen is ideally suited to the true-to-life design of bushes, hedges or ground cover.





08600 **Lichen**
stone grey, 35 g bag



08610 **Lichen**
light and dark green assorted, 35 g bag
08621 **Lichen**
light and dark green assorted, 75 g bag



08630 **Lichen**
autumn mix, 35 g bag
08620 **Lichen**
autumn mix, 75 g bag



Laser-Cut – the Future of Model Buildings!

For some years now, production technology has allowed NOCH to create particularly realistic models.

The advantages of NOCH Laser-Cut Buildings:

- *Made from high-grade NOCH Laser-Cut cardboard*
- *Laser-engraved and partially painted and weathered by hand a new quality standard*
- *Interior walls partially ex works painted black to prevent light (not supplied) from shining through*
- *Gutters and drainpipes enclosed in many assembly kits*
- *Appropriate adhesive included in every kit (except Laser-Cut minis)*
- *Environmentally-friendly production: the laser-cut cardboard used by NOCH is manufactured from renewable raw materials, while lasers employ the required energy with utmost efficiency and precision*

1 G 0 H0 TT N Z

Buildings

Railway, Industry, Trade – from page 204
- *Entire theme worlds can be realised with station buildings and special commercial buildings.*

Platforms – from page 208
- *For designing realistic platforms.*

City, Countryside, Village – from page 210
- *Small villages and rural themes can be integrated perfectly into your model landscape.*

Small Buildings, Laser-Cut minis – from page 230
- *There s always room for Laser-Cut minis in every model landscape.*

Structured Hard Foam Castles and Castle Ruins – from page 242
- *Romantic castles and fascinating ruins.*

360° view

Made in Germany

»On the Swabian Railway!«

Laser-Cut Kit »Honau« Station

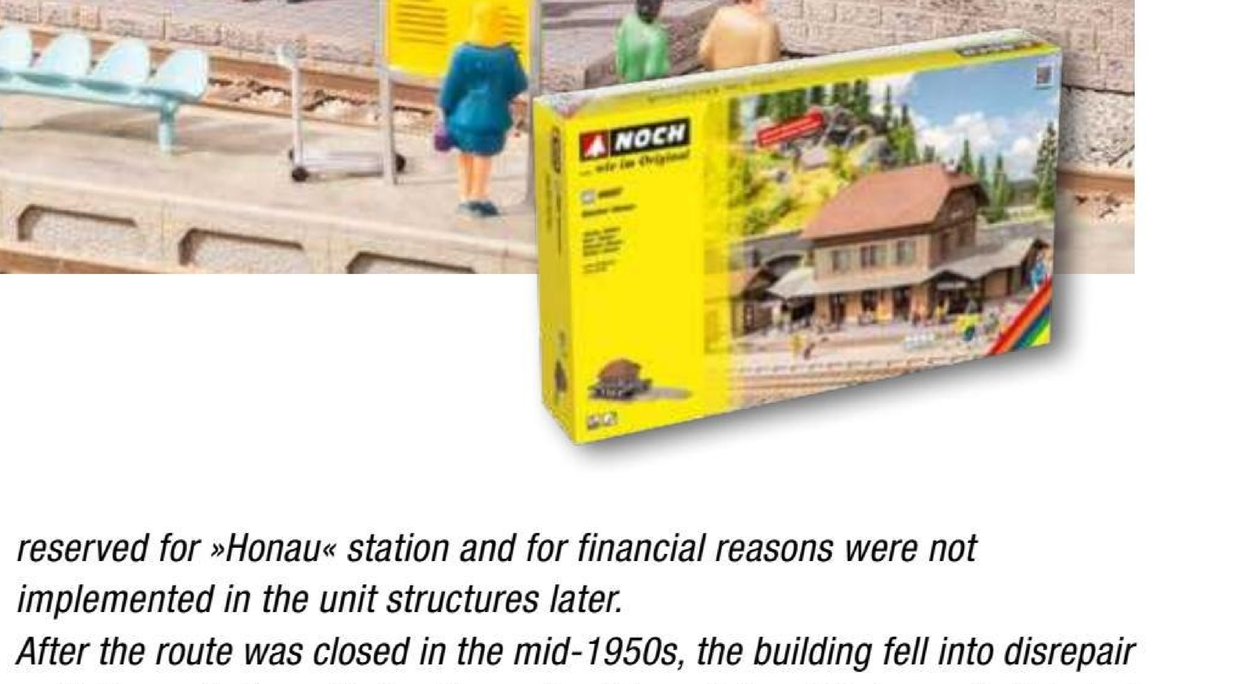
The »Echazbahn« leads from Reutlingen to Münsingen in Swabia and was completed in 1893. It was the first normal gauge branch line to be opened in the state of Württemberg and simultaneously the last railway project to be given its own name.

»Honau« Station stood at a central point: here, Germany's steepest normal-gauge rack railway with an incline of 100 began on its way to Lichtenstein. Mainly, BR 97.5 locomotives were employed. After the Second World War, the route again played an important role in transporting goods until its closure in 1953. Since it was entirely within the French-occupied section of Württemberg, military cargo could be transported along the route to the military training area in Münsingen without having to drive through the American sector. Because of the enormous incline, goods trains, in those days pulled by BR 50, BR 52, BR 57.10 and rarely also BR 93.5 locomotives, had a BR 97.5 rack locomotive coupled to the end that helped push the train.

The »Honau« reception building, with its two annexes, is architecturally remarkable: the entire station was built in the Swiss chalet style and served as a prototype for the type III and later IIIa Württemberg unit railway station.

The beautiful partial hip roof construction, as well as many of the lovely details on the beams, wood panelling and ledges, were exclusively reserved for »Honau« station and for financial reasons were not implemented in the unit structures later.

After the route was closed in the mid-1950s, the building fell into disrepair until Honau Railway Station Supporters' Association (Förderverein Bahnhof Honau e.V.) volunteered to take it on in 2003. Since then, a lot has happened, and the building now shines in all its »former glory«.



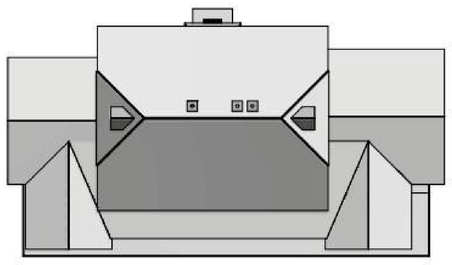
HO **66007** **»Honau« Station**

1 G 0 **HO** TT N Z

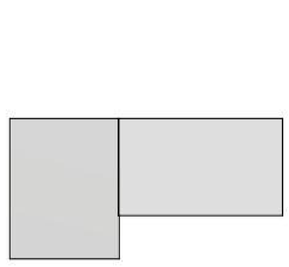




Just like the original: the Laser-Cut Kit is modelled on the real thing down to the smallest detail.



Building
28 cm x 16 cm, 15 cm high



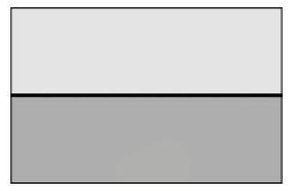
Loading ramp
17.5 cm x 9 cm, 1.5 cm high

***Note:** the kit consists of the main building and separate loading ramp.*



Laser-Cut Kit »Honau« Outhouse

The Outhouse was unfortunately not preserved and therefore can no longer be found at their original location today. We were given archive photos and plans by Honau Railway Station Supporters' Association when developing this kit.



11 cm x 7 cm, 6.5 cm high

Info Tip:
Honau Railway Station Supporters' Association

The members of Honau Railway Station Supporters' Association (Förderverein Bahnhof Honau e.V.) have been working as volunteers to rebuild and maintain the original station building since the Association was founded in 2003. Over time, the »ruin« has turned into an event location where parties, Christmas markets and many other events take place today.

We would like to express particular thanks to the Association for their help in realising this model, which is why we have donated part of the proceeds to the maintenance of the original.

Further information (in German) on the Association can be found at:
www.bahnhof-honau.de



2018: Model meets original. Handover of the donation cheque.



HO ***66103 »Honau« Outhouse***

In cooperation with

TOPP® MODELL

360° view

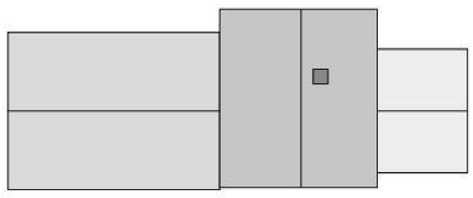
Made in Germany



Laser-Cut Kit »Amtzell« Train Stop

LASER CUT

As well as the reception building, a small luggage and goods shed and a sheltered outdoor waiting area are displayed on the model. The kit is partially hand-painted.



21.9 cm x 8.6 cm
8 cm high





HO **66001** **»Amtzell« Train Stop**

Note: *all Laser-Cut Kits on this double page come with detailed instructions and suitable Laser-Cut Special Adhesive.*



Laser-Cut Kit micro-motion Level Crossing with Attendant's House

A transmission motor ensures that the opening and closing mechanism of the barriers is realistically slow. The level crossing is suitable for single- and double-track routes and all H0 track products. The connection is via a standard 16 V model railway transformer. To operate, a switch, commutator or control panel (available separately) is required. An automatic mode is not provided as default, but can be retrofitted with commercially available components.

Dimensions of the Attendant's House:
5.8 cm x 4.2 cm
4.3 cm high



H0 **66260** ***micro-motion Level Crossing with Attendant's House***



Laser-Cut Kit Tool Shed and Workshop

Small workshop building, suitable e.g. for a rolling-stock division, depot or small industrial plant.



8.4 cm x 4.3 cm
3.3 cm high

H0 **66106** ***Tool Shed and Workshop***



Laser-Cut Kit Universal Platform

Until now, railway modellers were tied to the prefabricated widths and lengths of the available platforms, and altering plastic platforms required a lot of practice. This is much easier with the NOCH Universal Platform. It is made of special laser-cut cardboard, which combines two main features: firstly, it is very stable; secondly, the cardboard can simply be shaped with a craft knife or scissors.

Due to the wide base plate, platforms can also be adapted to the radius of the curve. In order to offer railway modellers with a larger track system a budget economy pack, there is also a set of 3 from NOCH. With the three enclosed Universal Platforms, longer and more varied platforms can be individually created.



H0 **66008** ***Universal Platform***
27.1 cm x 8.3 cm, 1.1 cm high



H0 **66010** ***Universal Platform, 3 pieces set***
each 27.1 cm x 8.3 cm, 1.1 cm high

N **63010** ***Universal Platform, 3 pieces set***
each 14.8 cm x 4.5 cm, 0.6 cm high



Place track on component and transfer contour ...



assemble individually customised components ...



then install the finished platform in the layout.

Suitable figures *(sold separately)*



H0 **15226** ***Business Travellers***

N **36226** ***Business Travellers***



H0 **15245** ***Farewell***

N **36245** ***Farewell***

1 G 0 H0 TT N Z



The Perfect C-Track Platform!

Platform System for Märklin® C-Track made of Structured Hard Foam

With the new platform system made of the well-known NOCH Structured Hard Foam we offer fans of Märklin® C-Track a perfect and at the same time very simple method of creating realistic platforms. The platforms are ideal for all railway layouts in eras III and IV.

The system consists of four components:

- *Straight Platform, 18 cm long*
- *Straight Platform with Descending Stairs, 18 cm long*
- *Straight Platform Ends (2 pieces), each 12 cm long*
- *Platform End (Right) and Platform End (Left), each 12 cm long*

By combining these elements, all conceivable platform layouts can be built in a model:

- *On the one hand, the hard foam blanks can be used in instances where there is sufficient space for long, straight platforms.*
- *On the other hand, the platforms are also suitable for when short platforms are required, reaching as far as possible to the points. For this assembly situation, we also offer the set ref. 66020, which contains all the necessary elements for a short platform.*

The platforms are hand-painted ready-made models made of the well-known NOCH Structured Hard Foam. Thanks to the special properties of this material, the platforms are easy to rework. For example, they can be shortened with a fine saw or sharp knife. NOCH Landscaping Paints are the optimal choice for subsequent colouring.



HO **66012** ***Platform Epoch III – IV***
for Märklin® C-Track, 18 cm x 3.8 cm wide, 1.5 cm high



HO **66014** ***Platform Epoch III – IV with Descending Stairs***
for Märklin® C-Track, 18 cm x 3.8 cm wide, 1 1.5 cm high



HO **66015** ***Platform Epoch III – IV, Straight Ends***
2 pieces, for Märklin® C-Track, each 12 cm x 3.8 cm
1.5 cm high, slope down to 0.5 cm



HO **66018** ***Platform Epoch III – IV***
Curved End for radius (R2) 437 mm
each 1 right and 1 left end for Märklin® C-Track
each 12 cm long, 3.8 cm wide, tapering off to 2 cm
1.5 cm high, slope down to 0.5 cm



HO **66020** ***Platform Epoch III – IV Set (4 pieces)***
for Märklin® C-Track consisting of 1 piece platform
1 piece platform with descending stairs, each 1 piece curved end for radius (R2) 437 mm, left and right,
total dimensions 60 cm x 3.8 cm, 1.5 cm high

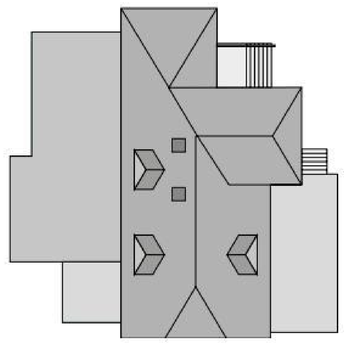


Laser-Cut Kit
Spirits Company »Schluck & Specht KG«

LASER CUT

The building is characterised by its playful architecture: lots of nooks and crannies, intertwining parts, loading platforms and, last but not least, the small entrance to the cellar, offer a great deal of variety.





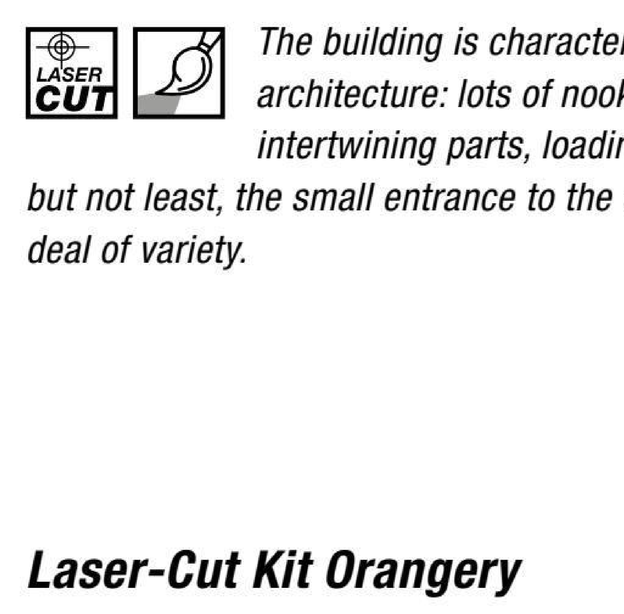
17.5 cm x 17.3 cm
14.2 cm high

H0 **66314** **Spirits Company »Schluck & Specht KG«**

Laser-Cut Kit Orangery

LASER CUT

The filigree construction of this tropical house is a real masterpiece of laser-cut art. Enjoy the glimpse inside! Great design options are on offer amongst the NOCH Laser-Cut minis and Ornamental Plants, which can be found in the NOCH range (e.g. Ornamental Plants in Flower Tubs, ref. 14020).





14.4 cm x 11.6 cm
8.1 cm high

H0 **66801** **Orangery**



1 G 0 H0 TT N Z

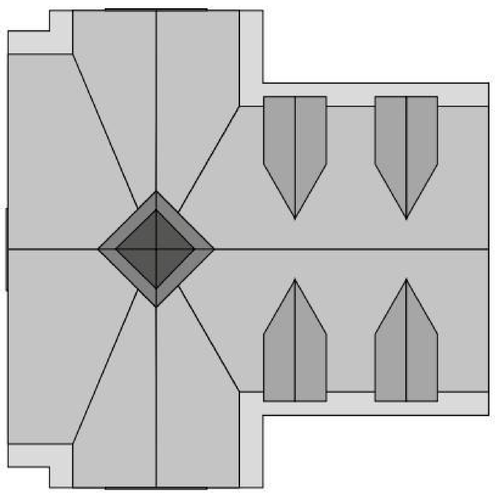
360° view





Laser-Cut Kit Romantic Hotel »Schönblick«

The »Schönblick« can be installed as a romantic, wellness, sport or holiday hotel. The beautifully designed, timber-framed façade with countless lovely details inspires your dreams. The balconies are slightly larger, so figures can be placed there as guests! There is even space for a table for the late-risers, for instance, to enjoy breakfast. Who wouldn't like to spend a couple of relaxing and peaceful days at the »Schönblick« Romantic Hotel? Signs and labels are included for decoration.



H0 gauge: 16 cm x 16.1 cm, 21.9 cm high

N gauge: 8.8 cm x 8.8 cm, 12 cm high





H0 **66407** **Romantic Hotel »Schönblick«**

N **63407** **Romantic Hotel »Schönblick«**

Note: *the N gauge kit is only suitable for advanced hobbyists due to its size and detailing.*

Note: *all Laser-Cut Kits on this double page come with detailed instructions and suitable Laser-Cut Special Adhesive.*

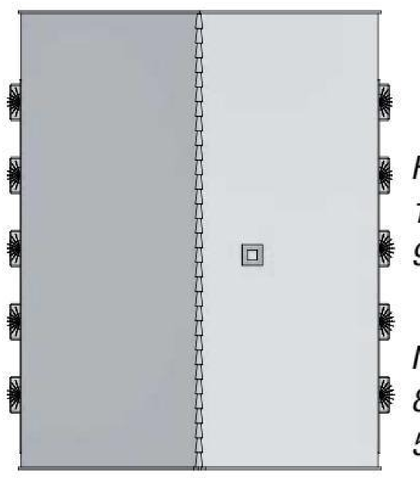


A Holiday in the Mountains!

Laser-Cut Kit Guest House »Edelweiss«

Established in an old farmhouse, the guest house is quite cosy! The building was lovingly restored. Especially pretty is the woodwork on the gables. The colourful shutters, balconies and flower boxes lend the holiday apartments a lot of charm. From here, holidaymakers can go on walks in the mountains or around the lakes or enjoy the day in a beer garden nearby.

The Laser-Cut Kit contains a sheet of stickers to choose from with various national flags and names for the guest house.
An advertising sign is included, as well as a flagpole, detailed instructions and special Laser-Cut Adhesive.



H0 scale
15.7 cm x 13 cm
9.6 cm high

N scale
8.5 cm x 7.1 cm
5.2 cm high



H0 **66405** ***Laser-Cut Kit Guest House »Edelweiss»***
15.7 cm x 13 cm, 9.6 cm high

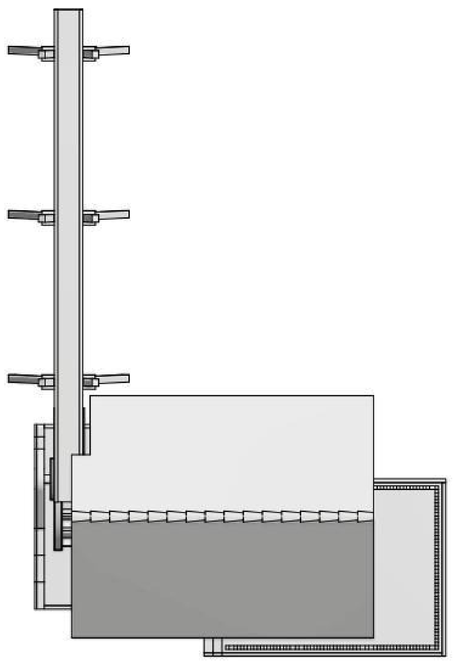
N **63405** ***Laser-Cut Kit Guest House »Edelweiss»***
8.5 cm x 7.1 cm, 5.2 cm high

1 G 0 H0 TT N Z

Laser-Cut Kit »Grinding Mill«

At grinding mills, which were usually operated in mountain ranges with hydropower, the mountain farmers used to sharpen their scythes and sickles, with which the mountain meadows were mowed. The structure's mill wheel and inflow are reproduced in detail in the model.





H0 gauge:
10 cm x 6 cm, 6 cm high
(without water inlet)
N gauge:
5 cm x 3 cm, 3 cm high
(without water inlet)



H0 **66707** ***Grinding Mill***

N **63707** ***Grinding Mill***

Laser-Cut Kit Wooden Barn

Small barn for storing agricultural and forestry equipment. Kit partially hand-painted and aged; includes a sheet of Laser-Cut minis »Virginia Creeper«.



9 cm x 6 cm
5.6 cm high



H0 **66711** ***Wooden Barn***

Suitable figures *(sold separately)*



H0 **15629** ***Farmers***



H0 **16750** ***Two Wheel Tractor***

Note: *all Laser-Cut Kits on this double page come with detailed instructions and suitable Laser-Cut Special Adhesive.*



The Zugspitze Arena – Then, as Now, a Fascinating World!

Laser-Cut Kit Alpine Hut »Christl« with micro-motion Waitress

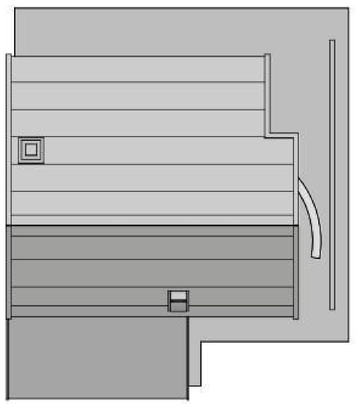
The Alpine Hut »Christl« is located right on the route of the Bavarian Zugspitze Railway between Grainau and Eibsee. It was built around 1900 as a hunting lodge. The lodge was in operation from about 1951, making it a popular destination for tourists and locals. The beer garden was much-frequented! A special feature is the rack railway route, which leads directly in front of the house: when the route was driven by the first generation of electric locos, they drove so slowly at this point due to the massive incline that the Alpine Hut »Christl« could serve beer to the loco driver on his way through. The »empties« were then returned on the way back. Unthinkable today for safety reasons, the locomotive drivers defied all odds in the summer and the winter by taking tourists towards Eibsee and following on to the Zugspitze, Germany s highest mountain peak. Although the lodge is still standing today, it has not been running since the 1970s.

The model kit contains a servo as well as electronics that control operation of the waitress and are ready to be connected. She comes out of the lodge, runs along the tracks and disappears back inside the lodge after briefly handing over a beer. A real highlight of your model railway layout! The model is limited to 1,000 pieces. A numbered certificate, instructions and suitable special adhesive are included.

1 G 0 HO TT N Z



Christl, operated via a servo, brings the passing loco drivers' beers to the tracks.



14.2 cm x 12.4 cm
6.5 cm high

LIMITED 1000 EDITION



H0 **66403** ***Laser-Cut Kit Alpine Hut »Christl«***
14.2 cm x 12.4 cm, 6.5 cm high



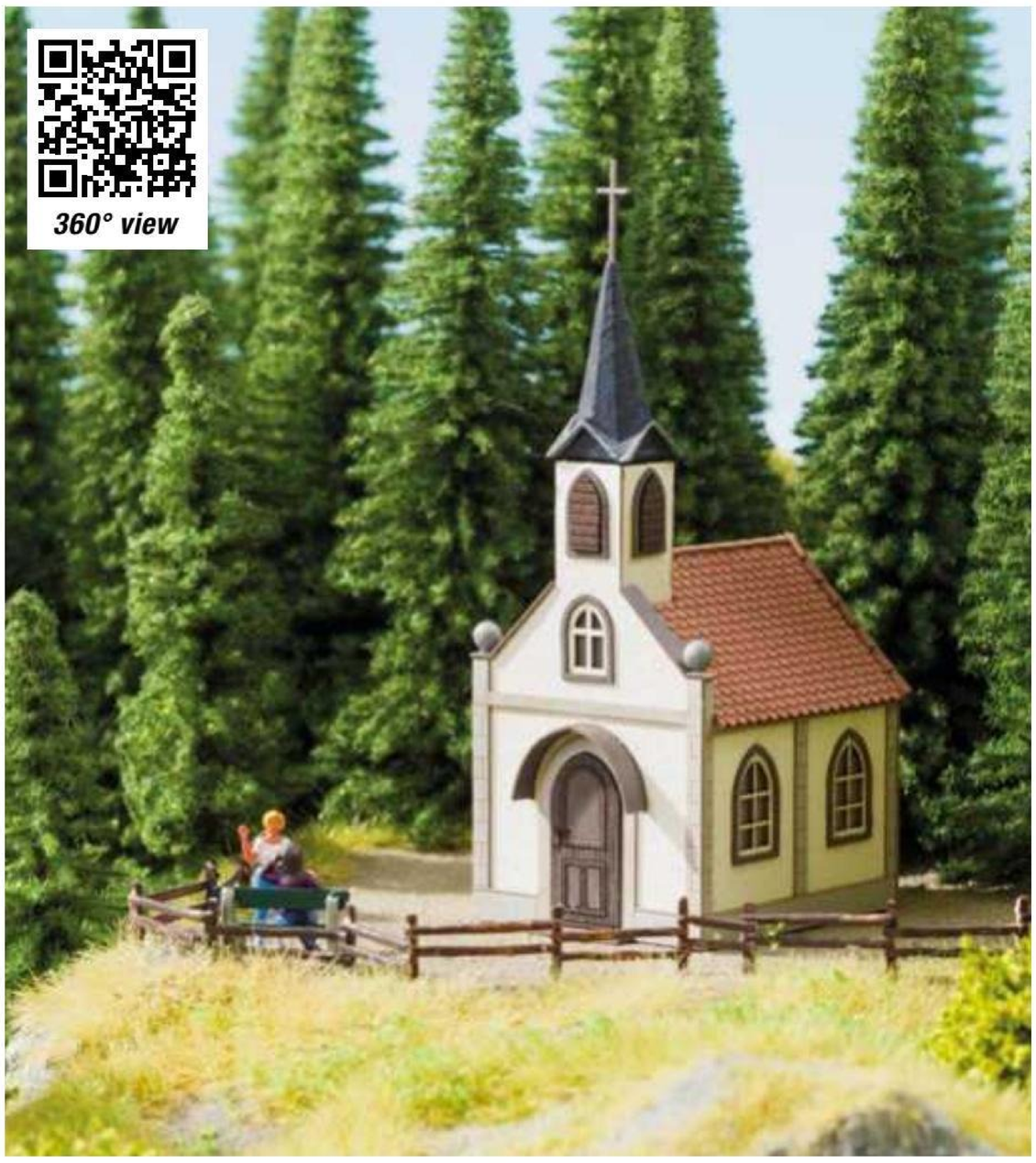
Just like the original: the Laser-Cut Kit is modelled on the original down to the smallest detail.

Background Info:
Zeitgeist Models

In cooperation with:
ZEITGEIST MODELS



The Alpine Hut »Christl« was born from a collaboration with Zeitgeist Models, a young and innovative company.
An original »AEG Mountain Loco 11« with a matching passenger carriage from the 1950s to 1960s can be found in the Zeitgeist Models range. You ll find further info at ***www.zeitgeist-models.eu/en***

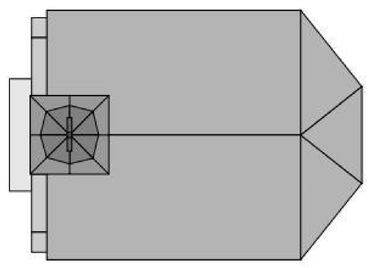


Laser-Cut Kit Chapel »St John of Nepomuk«

LASER CUT

The small yet stylishly detailed »St John of Nepomuk« Chapel still finds a place for itself anywhere: whether in a small village or on the edge of a hiking trail in the mountains. This beautiful little church always cuts a fine figure!





H0 gauge: 6.4 cm x 4.5 cm
9.6 cm high (without cross)

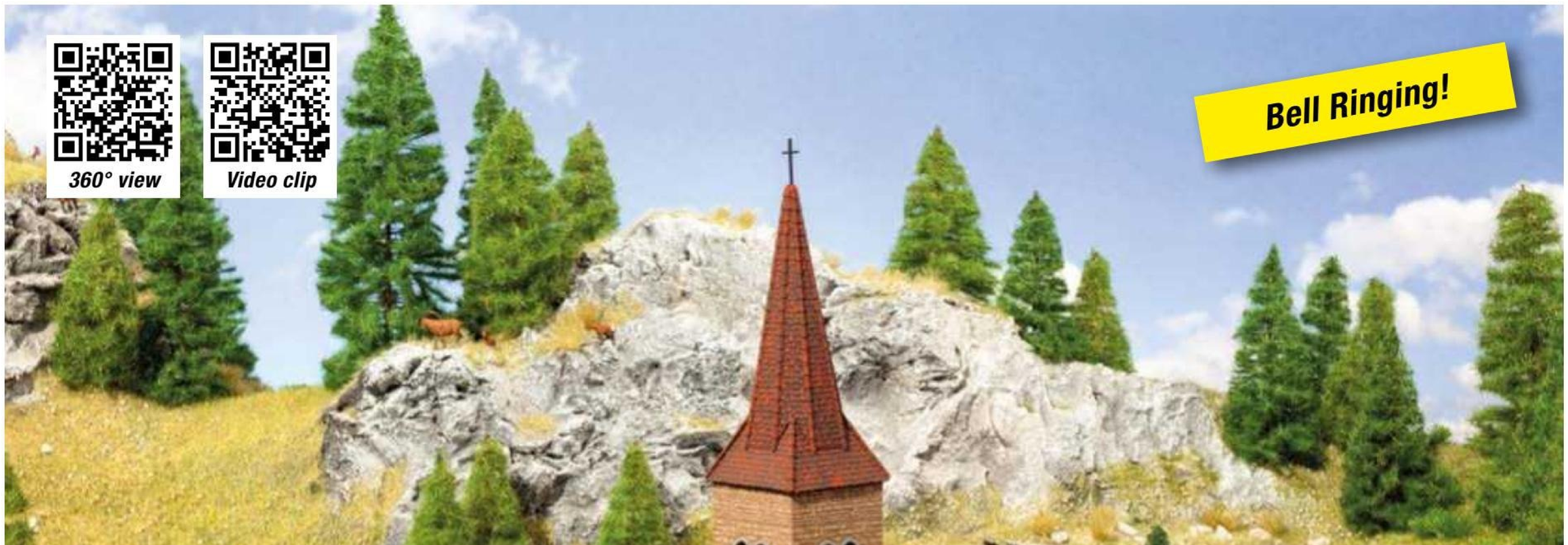
N gauge: 3.5 cm x 2.5 cm
5.3 cm high (without cross)

H0 **66903** ***Chapel »St John of Nepomuk«***

N **63903** ***Chapel »St John of Nepomuk«***

360° view

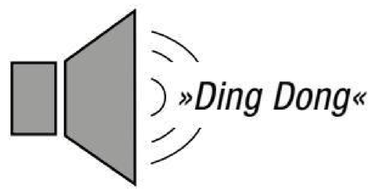
Video clip

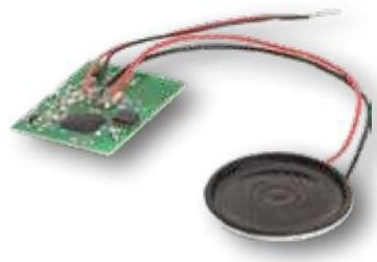


Laser-Cut Kit Church »St George« with micro-sound Bell Ringing

The beautiful »St George« Church is characterised by its playful architecture, beautiful timber frame, and lovingly-made details. The model is purposely designed to be small in size as a village church or an isolated building in a rural setting. The bell ringing is stored on the electronic chip (running time approx. 20 seconds). The whole sound electronic device, including a loudspeaker, is ready to be connected. Connection is made via a standard 16 V model railway transformer.
Suitable for AC and DC power connection.







H0 gauge:
16.4 cm x 8.8 cm
25.2 cm high
(without cross)

N gauge:
9 cm x 4.8 cm
13.7 cm high
(without cross)

H0 **66906** ***Church »St George«***
with micro-sound Bell Ringing

N **63906** ***Church »St George«***
with micro-sound Bell Ringing

1 G 0 H0 TT N Z

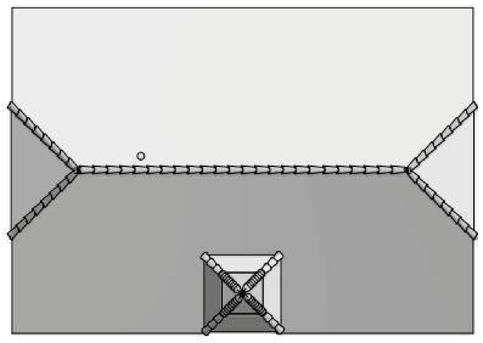




Rescue, Extinguish, Recover, Protect!

Laser-Cut Kit Fire Station with micro-sound Siren

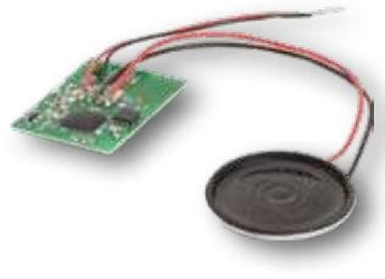
There is still always room for a small fire station in every village. The hoses can be hung up to dry in the small tower and there are three garages available for small vehicles. A special feature of the station is the enclosed siren sound. Connection is made via a standard 16 V model railway transformer. Suitable for AC and DC power.



H0 gauge:
16 cm x 11 cm, 19 cm high
N gauge:
9 cm x 6 cm, 10 cm high



Uuuuiiiiiuuuuiiiii





The real building still stands today in Wasserburg, Lake Constance, and dates back to around 1900.

H0 **66380** ***Fire Station with micro-sound Siren***

N **63380** ***Fire Station with micro-sound Siren***



Laser-Cut Kit Allotment »Fronwies«



Everything goes at a gentle pace on the Allotment. At the weekend, the plots are administered to and a cool beer or two is drunk in the afternoon. The Set contains the following Laser-Cut Kits: three Allotment Sheds, an Entrance Gate to the estate, an Outdoor Toilet, a Rose Arch and a Compost Crate.



Allotment Sheds:
5.6 cm x 4 cm
3.4 cm high

Entrance Gate:
5.1 cm wide
4.9 cm high

Outdoor Toilet:
1.8 cm x 2 cm
2.7 cm high

Rose Arch:
1.2 cm x 0.7 cm
2.3 cm high

Compost Crate:
1.1 cm x 1.1 cm
1.1 cm high

H0 ***66803 Allotment »Fronwies«***

3 Garden Sheds
1 Entrance Gate
1 Outhouse
1 Rose Arch
1 Compost

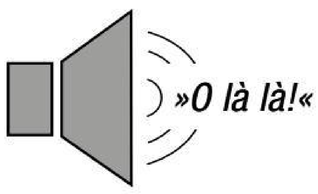
Note: *all Laser-Cut Kits on this double page come with detailed instructions and suitable Laser-Cut Special Adhesive.*

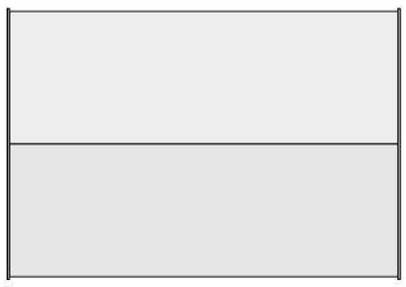
1 G 0 **H0** TT N Z

micro-motion Laser-Cut Kit Love Barn



The Love Barn is definitely one of NOCH's hottest items. It's getting really hot inside the delicate genuine wood barn. This is real country loving. The figures of the couple enclosed in the kit move thanks to micro-motion drive. The experience is rounded off by a loudspeaker with appropriate sounds (running time approx. 20 seconds).



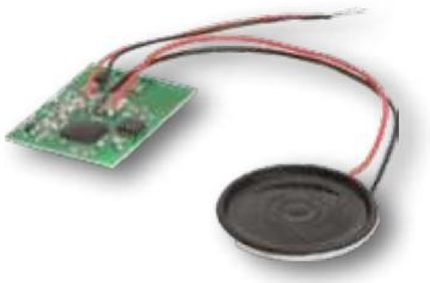


9.4 cm x 6.5 cm
7.6 cm high



HO **66701** ***micro-motion Love Barn***

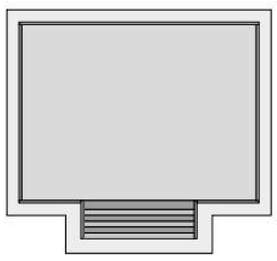


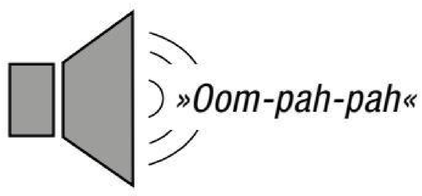


Laser-Cut Kit Event Stage with micro-sound Brass Band



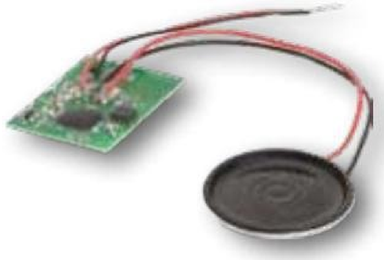
It's all dancing, singing and celebrating here: the small wooden stage is the focus of every village or city festival! The Band plays an excerpt of approx. 20 seconds from Strauss' Radetzky March, which is reproduced via a small loudspeaker built into the model. The piece of music is stored on the electronic chip. The complete electronics, including loudspeaker, are ready to be connected. The connection is made via a standard 16 V model railway transformer. Suitable for AC and DC power connection. Includes »Music Band« Figures Set (ref. 15580).





9 cm x 8.3 cm, 2.6 cm high







HO **66826** ***Event Stage with micro-sound Brass Band***



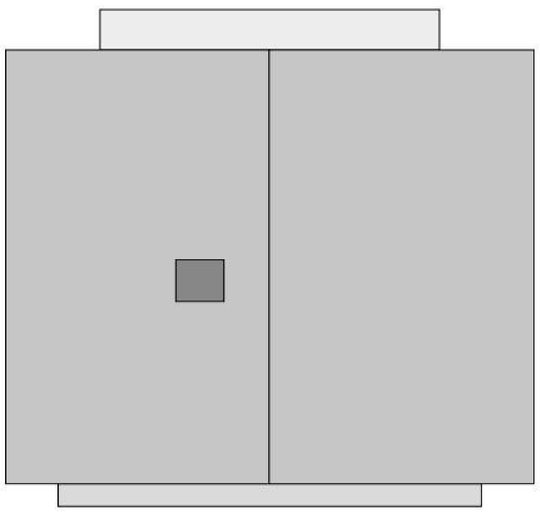
Laser-Cut Kit
Mountain Restaurant »Grosser Mythen«

LASER CUT *The »Grosser Mythen« is a 1,898 metre-high mountain in the foothills of the Swiss Alps. Hikers who take the trouble to climb the mountain will be rewarded with a breathtaking panorama, which they can enjoy during a short break at the Mountain Restaurant. The model of the »Grosser Mythen« Mountain Restaurant is modelled on the original and furnished with filigree laser engraving. A sheet of stickers of various country flags is also included in the kit.*





Just like the original: the Laser-Cut Kit is modelled on the real thing down to the smallest detail.





2016: Model meets original

H0 gauge:
11.5 cm x 10.8 cm
7.8 cm high

N gauge:
6.3 cm x 5.9 cm
4.3 cm high

H0 ***65800 Mountain Restaurant »Grosser Mythen«***

N ***63800 Mountain Restaurant »Grosser Mythen«***

Note: *all Laser-Cut Kits on this double page come with detailed instructions and suitable Laser-Cut Special Adhesive.*

360° view

Video clip



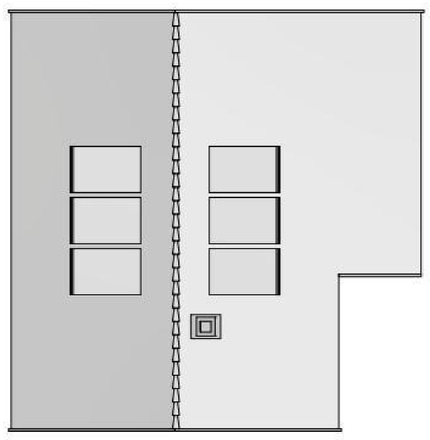
What Goes on in the Hut, Stays in the Hut!

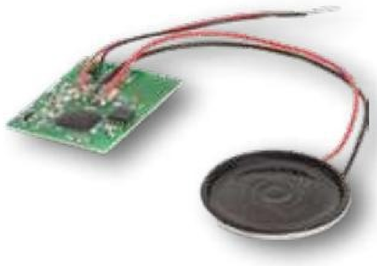
Laser-Cut Kit Chicken Farm »Hot Chick« with micro-sound

What's going on here? As well as eggs from happy hens, Resi apparently also offers completely different services in the attic room of her Chicken Farm. What Resi's girls are up to can only be seen when the light is on inside! Because the skylights are mirrored and only see-through from the outside when the enclosed interior lighting is operated. Ooh la la! The fitting sound keyword: »hot chicks« is of course part of the game and even includes yodelling at the end! The Laser-Cut Kit Chicken Farm »Hot Chick« is supplied complete with interior lighting (6 LEDs), two »Sexy Scenes« couples with a bed and armchair, »Resi« figure, 9 hens and a pre-wired sound electronics device including a loudspeaker. Connection is made via a standard 16 V model railway transformer. Suitable for AC and DC power. The kit includes detailed instructions, a matching sheet of stickers and special adhesive.



»Gackle, gackle, Oh la la ...«





15.7 cm x 15.5 cm
7.2 cm high

H0 **66705** **Chicken Farm »Hot Chick« with micro-sound**



»In vino veritas« – In Wine there is Truth

Laser-Cut Kit Winery »Hauser-Bühler«

The »ideal world« in a model: what is more suiting than a winery? The grapes ripen in a prime location on the vines; the winegrower carefully controls them and knows each variety. This produces high-quality wine. Completely natural and »organic« without any additives. The end of the workday can be spent in the wine bar. Here, all is well in the world. The Vineyard consists of a main building and a servants' house. 24 Vines as well as the Figures Set »Winegrowers« (ref. 15614, only in the H0 kit) are included in the kit for decorating the vineyard. It also contains a detailed instruction and suitable Laser-Cut Special Adhesive.

H0 **66712** ***Winery »Hauser-Bühler«***
Main Building with Servants House

N **63712** ***Winery »Hauser-Bühler«***
Main Building with Servants House



The original is located at the Kaiserstuhl



24 Vines are included



Figures Set »Winegrowers« included (only with ref. 66712).

Internationally awarded:
The Laser-Cut Model Winery »Hauser-Bühler« convinced the readers of the VGB magazines MIBA, Eisenbahn Journal, Modelleisenbahner and Züge, who awarded it the »Golden Track« in 2015.
The readers of the French magazine Le Train also awarded the »Rail d'Or« to the H0 model in 2015 and the N model in 2016.



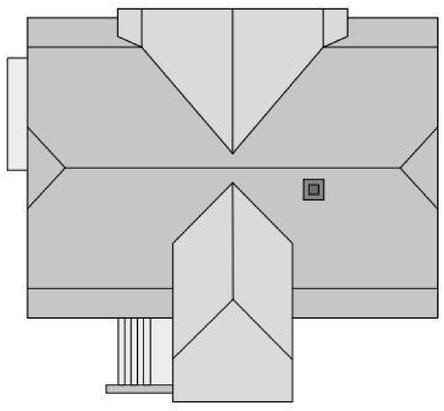
Info Tip:
Designing a vineyard

Designing a pretty vineyard simply turns out very well with NOCH Vines (see page 188). In addition, some Laser-Cut minis are matching the vineyard. These can be found on pages 193 to 200 in particular.
For Mediterranean vineyards, Olive Trees are ideal.
You can find them on page 236.









H0 gauge: 14.8 cm x 13.7 cm
13 cm high
N gauge: 8.1 cm x 7.5 cm
7.1 cm high

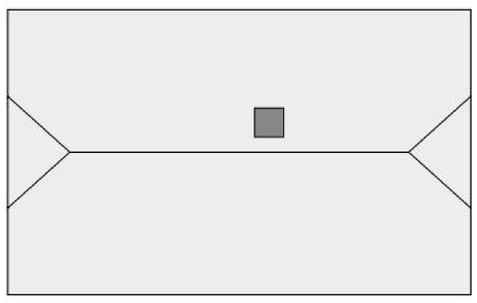
Main Building

The model is a reproduction of the Winery »Hauser-Bühler« located in Bickensohl in the Kaiserstuhl region (wine-producing state of Baden-Württemberg). The main building houses processing and storerooms for the wine, as well as residential rooms and a small wine bar. The inn offers not only homemade wines but also dishes to complement them. The beautiful timber-framed building fits perfectly within rural surroundings.



Servants' House

Servants' houses are often found on large farms. In the old days, maids and servants would sleep in the buildings.

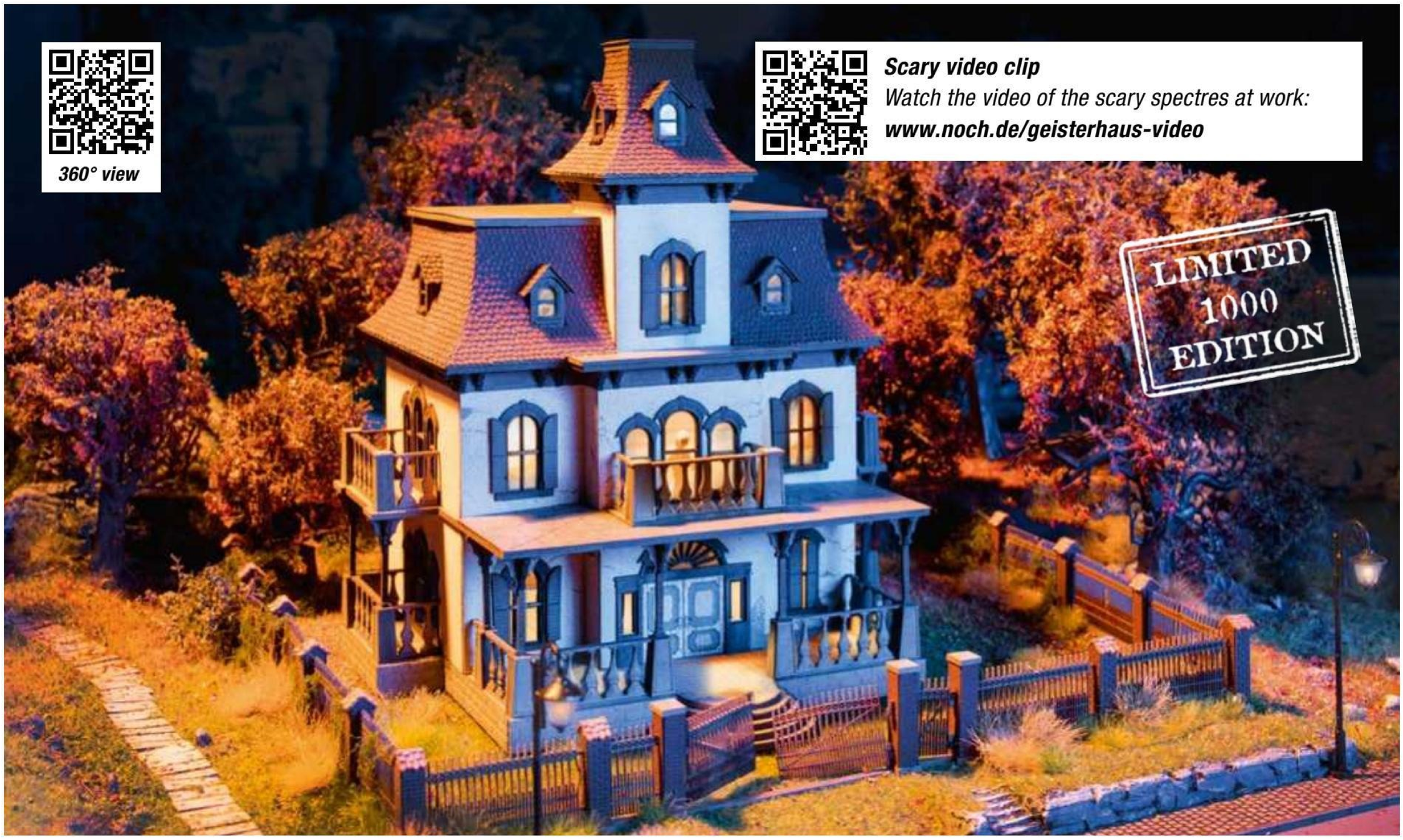


H0 gauge: 11.5 cm x 6.9 cm
7.2 cm high
N gauge: 6.3 cm x 3.8 cm
3.9 cm high



360° view

Scary video clip
Watch the video of the scary spectres at work:
www.noch.de/geisterhaus-video



Ghosts in the Attic and Vampires in the Cellar! Whooo!

Laser-Cut Kit Haunted House with micro-sound Ghost Howling and Light Effects

LASER CUT

This villa looks like it has sprung straight out of a horror film! But it's not the appearance of the dilapidated façade that gives you goose bumps: ghosts haunt the interior! Four small (more or less) scary ghosts are illuminated by light effects; flashing and phosphorescent effects are truly »spooktacular!« Eerie sighs, groans and many other horrible sounds are emitted from the enclosed micro-sound chip.
The building itself is covered with specially developed laser engravings that make the façade look as though it is weather-beaten and crumbling. Lovingly created details such as the balconies and verandas testify to better times before ghosts and spectres moved into the villa.
The technical components of the Haunted House are completely ready to use. The connection is made via a standard 16 V model railway transformer. Suitable for AC and DC power.
The model is limited to 1,000 pieces.
A numbered certificate, detailed instructions for assembly and wiring, as well as special Laser-Cut Adhesive are included.

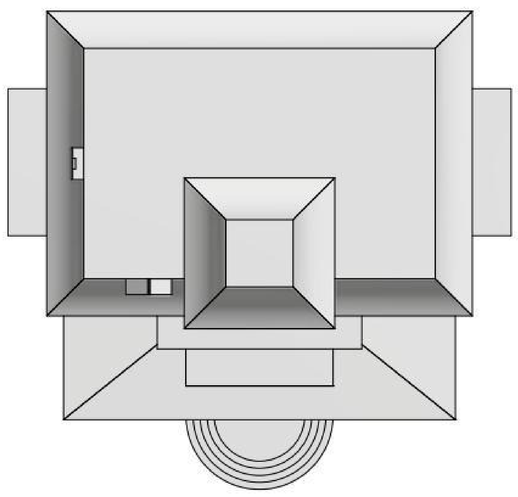
Product Highlights:
- *4 Ghost figures included*
- *Scary light effects: flashing electronics with 3 UV LEDs*
- *Electronics pre-assembled, ready for use*
- *micro-sound ghost howling*
- *Limited to 1,000 pieces*



Four ghosts and spectres are supplied with the Haunted House and inhabit it!

»Whooo!«





16 cm x 15 cm, 18 cm high





HO ***66990*** ***Haunted House***
with micro-sound ghost howling and light effects

1 G 0 **H0** TT N Z



Wowee! »Last Resting Place?« No Way! There‘s a lot Going on Here!

Structured Hard Foam Creepy Graveyard with lots of Accessories

There are rumours that the Graveyard is haunted by night! Is that true? The model is anything but terrifying in any case! Walls, tombs and mausoleums are carefully carved by modelling artist Manfred Luft and painted by hand. The model also includes some gravestones, tomb monuments and two withered trees, as well as some fallen leaf foliage to help you decorate your Creepy Graveyard.



Info Tip:
Suitable Accessories

On page 249, you'll find figures to match this theme:
Zombies (ref. 15800) and Vampires (ref. 15801).
Suitable accessories are Tomb Monuments and Statues (ref. 14872) and Funeral Accessories (ref. 14874).

H0 ***58585 Creepy Graveyard***
(without figures)
Contents: Carefully painted graveyard, made of structured hard foam
Ready-made model
19 cm x 13.5 cm, 9 cm high
2 withered trees
Fallen leaves yellow and red
7 tomb monuments and tombstones



H0 ***14872 Tomb Monuments and Statues***



H0 ***14874 Funeral Accessories***

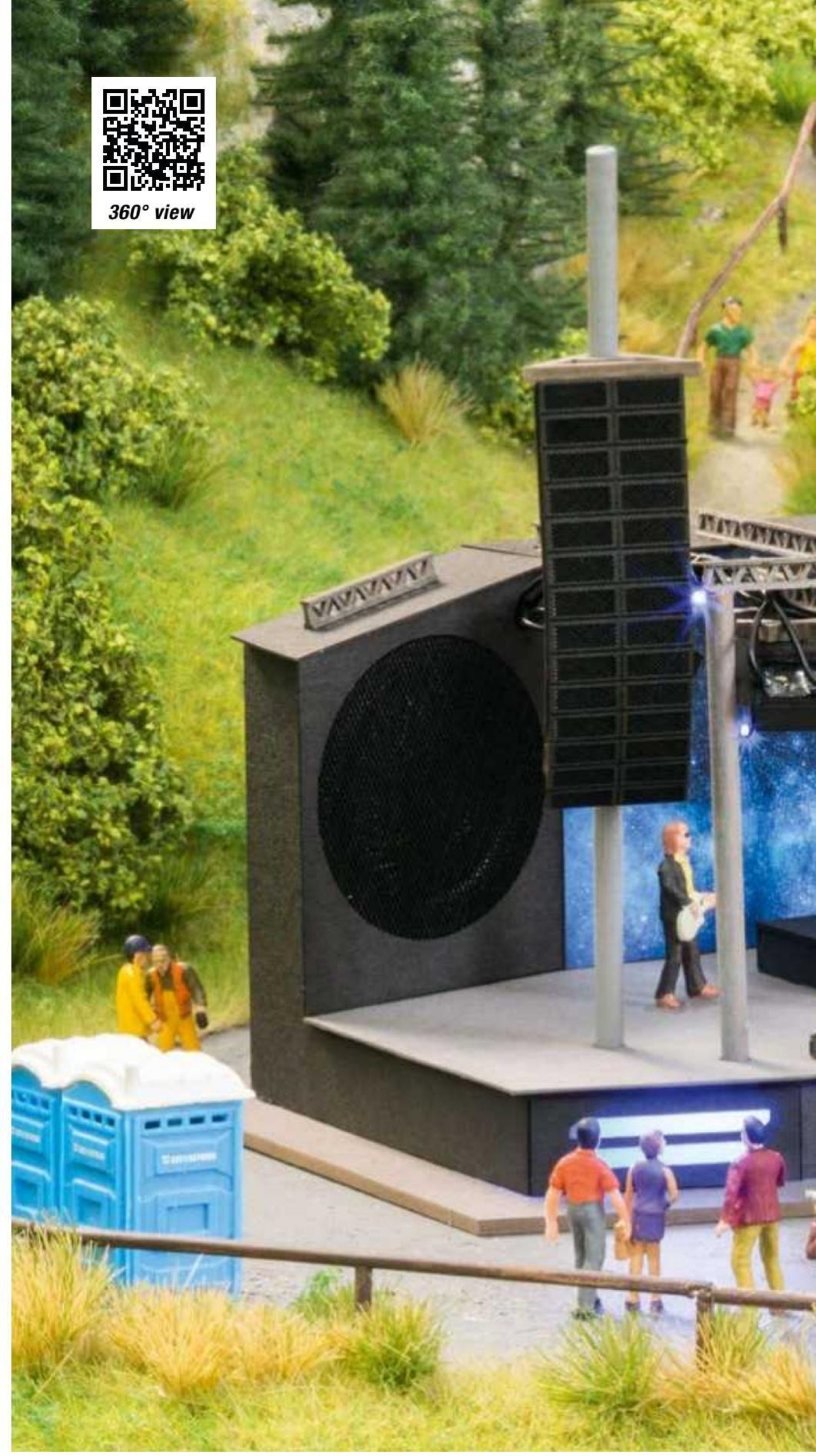
Bigger, Better, Louder! Let‘s Rock Again!

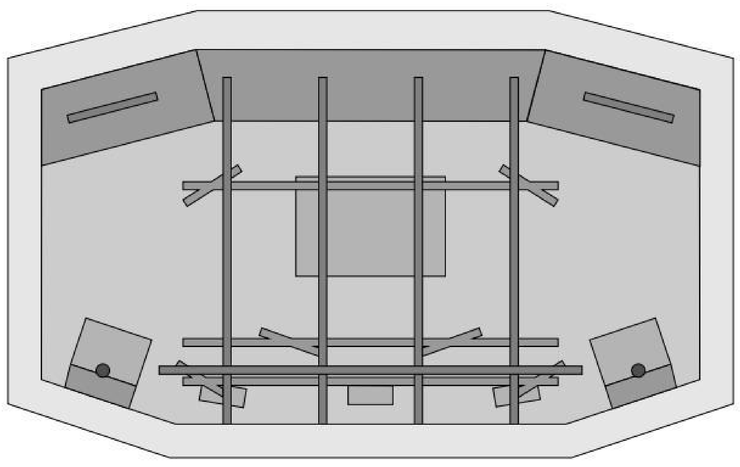
Laser-Cut micro-motion Rock Festival

A few years ago, we presented our micro-motion Rock Concert (ref. 66821).
The model was a huge success and completely sold out before delivery. Since it was limited to 1,000 pieces, some rock fans were unfortunately left without a model. We have also received many suggestions on how we can further improve it, and so we started again in 2017 with »Rock Concert 2.0« the ultimate rock festival! The laser-cut ready-made model is equipped with a 3.5 mm stereo jack, which can be plugged into any player. This allows you to listen to your own music on the rock stage, e.g. from your MP3 player or smartphone. Two loudspeakers are responsible for a great mini sound system, providing some »oomph!« The sound experience is supported visually by a light console that flickers to the beat of the music. The stage is lit up blue in standby mode. The stars on the rear wall and »Let's Rock 'n' Roll« text are also illuminated. That's where the rock festival atmosphere comes in! The technical components of the Rock Festival are fully operational. The connection is made via a standard 16 V model railway transformer. Suitable for AC and DC power. The model is limited to 1,000 pieces. A numbered certificate, detailed instructions for assembly and wiring, as well as special Laser-Cut Adhesive are included.

Highlights of the micro-motion Rock Festival:

- *Connection to any music player, e.g. MP3 player or smartphone via standard 3.5 mm stereo jack*
- *Play your favourite music via two built-in model loudspeakers*
- *Controlled by micro-processor lighting console*
- *NOCH Figures Set »Music Band« (ref. 15839) included*
- *Illuminated stars on the rear wall and »Let's Rock 'n' Roll« text*
- *Blue stage lighting in standby mode*
- *16 LEDs included*
- *Electronics are pre-assembled, ready to be connected and installed*
- *Limited to 1,000 pieces*





16.8 cm x 10.3 cm
9.6 cm high

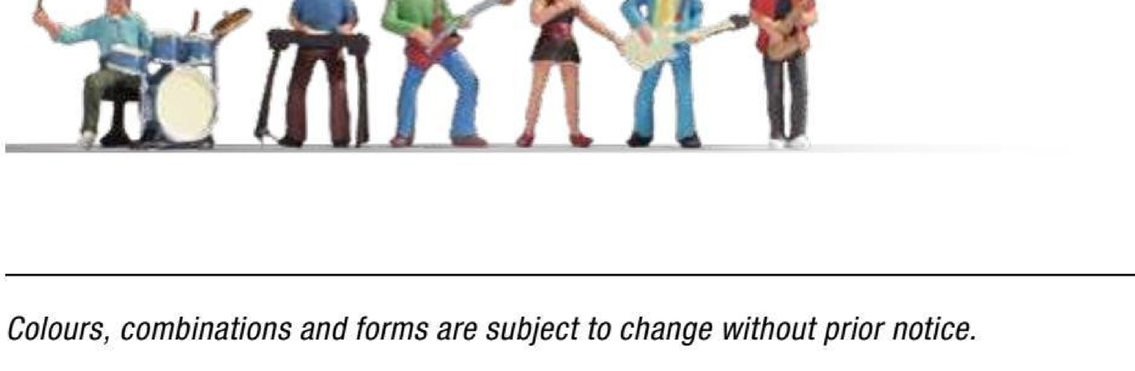


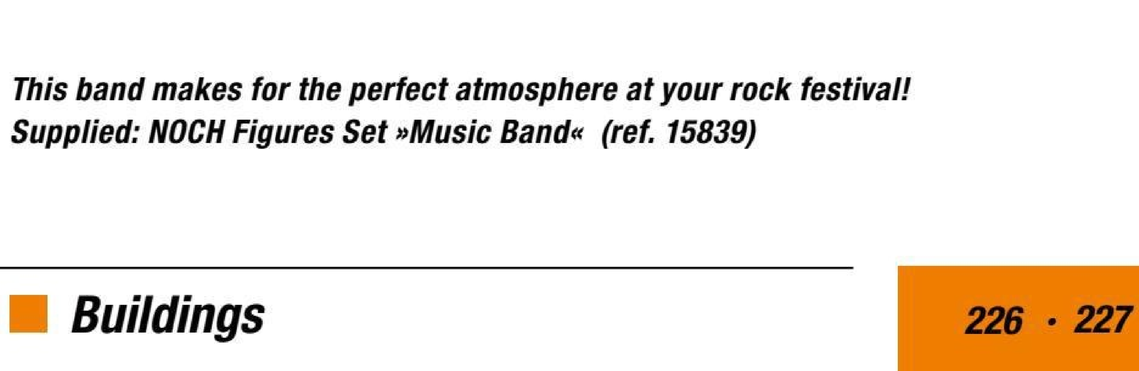
Simply plug the stereo jack into a playback device and let the music play!



H0 ***66823 micro-motion Rock-Festival***







This band makes for the perfect atmosphere at your rock festival!
Supplied: NOCH Figures Set »Music Band« (ref. 15839)

Enjoy Skiing!

micro-motion Cross-Country Ski Trail with Après-Ski Cabin

What is more fun in winter than skiing and cabin fare? The micro-motion Cross-Country Ski Trail really gets the skiers moving. Thanks to an easy-to-install power unit, the cross-country skiers move around the ski trail as if by magic, doing their laps. The power unit and figures are prepared so that the model kit can be easily adapted to your particular installation set-up.

After a long day of skiing, the after-party can of course not be missed, and so the skiers return to »Joseph s Pub« after the last trip for a hearty evening in the cabin and an extensive après-ski party!

The model kit contains a ready-to-connect motor with power unit that drives a subterranean chain studded with magnets. On the surface, skiers equipped with metallic plates move in a circle. The connection is made with the included power supply with speed control for the cross-country skiers. A real highlight on your model landscape!

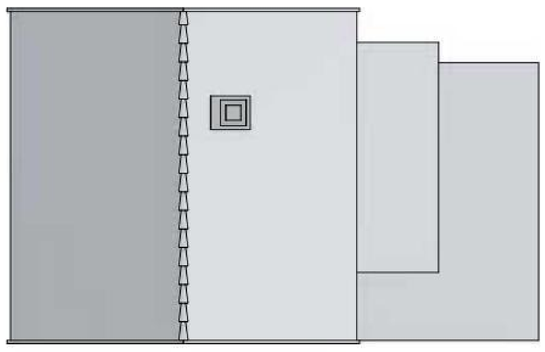
The model is limited to 1,000 pieces. A numbered certificate, detailed instructions for assembly and wiring, as well as special Laser-Cut Adhesive are included.



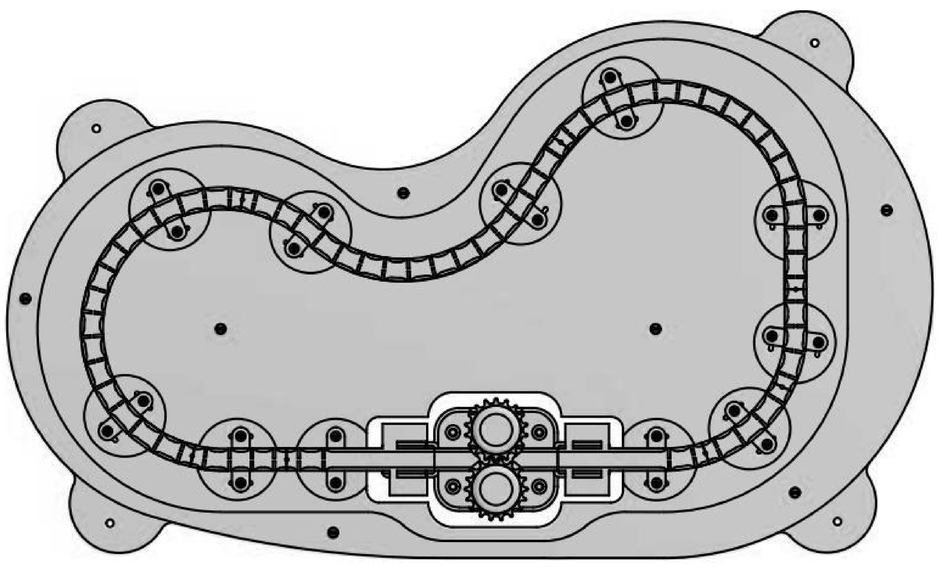
Product Highlights:

- *micro-motion Cross-Country Ski Trail with 3 Cross-Country Skiers*
- *Laser-Cut Kit Après-Ski Cabin »Joseph s Pub«*
- *Power Supply with Speed Control*
- *5 Snowy Fir Trees (5 cm to 9 cm high)*
- *3 additional Figures for decorating*
- *50 g Powdery Snow, Decorative sticker sheet*
- *Includes special Laser-Cut Adhesive and instructions*
- *Limited to 1,000 pieces*

In cooperation with Magnorail.
Other interesting products with the great Magnorail power unit can be found at www.magnorail.com and www.modellnatur.com.



Après-Ski Cabin:
14.4 cm x 9.1 cm, 5.8 cm high



Ski Trail:
37.6 cm x 22.2 cm, 1.6 cm high



1 G 0 H0 TT N Z

Video clip











H0 **66832** ***micro-motion Cross-Country Ski Trail with Après-Ski Cabin***

Contents:
micro-motion Cross-Country Ski Trail with 3 Cross-Country Skiers
Power Supply with Speed Control
Laser-Cut Kit Après-Ski Cabin »Joseph s Pub«
5 Snowy Fir Trees 26929 (5 cm to 9 cm high)
3 additional Figures 15827, 50 g Powdery Snow
Decorative Sticker Sheet, Special Laser-Cut Adhesive Instructions
Numbered Certificate

Get Started with these Essentials!

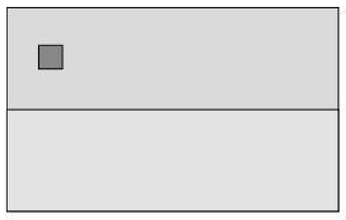
Laser-Cut Scenery Sets

LASER CUT

Everything you need to get started right away is included in these themed sets. Starting with the Laser-Cut Kit, through to the suitable figures and finishing with decorating materials, everything you need to create a nice little scene is here. Even the right glue is included in the set. The crafting fun can start immediately.







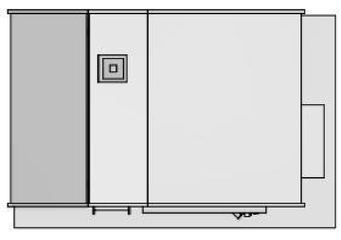
8.9 cm x 4.5 cm
4.3 cm high





HO **65606** ***Scenery Set »Forest Lodge«***

Contents: Laser-Cut Kit »Forest Lodge«
Figures Set »Hunters and Lumberjacks«
(ref. 15060, 6 figures)
Scatter Grass »Forest Floor« (ref. 08350)
2 x Woodpiles, Laser-Cut minis »Stinging Nettles«



H0 gauge:
9.7 cm x 6 cm, 4 cm high
N gauge:
5 cm x 3 cm, 2 cm high







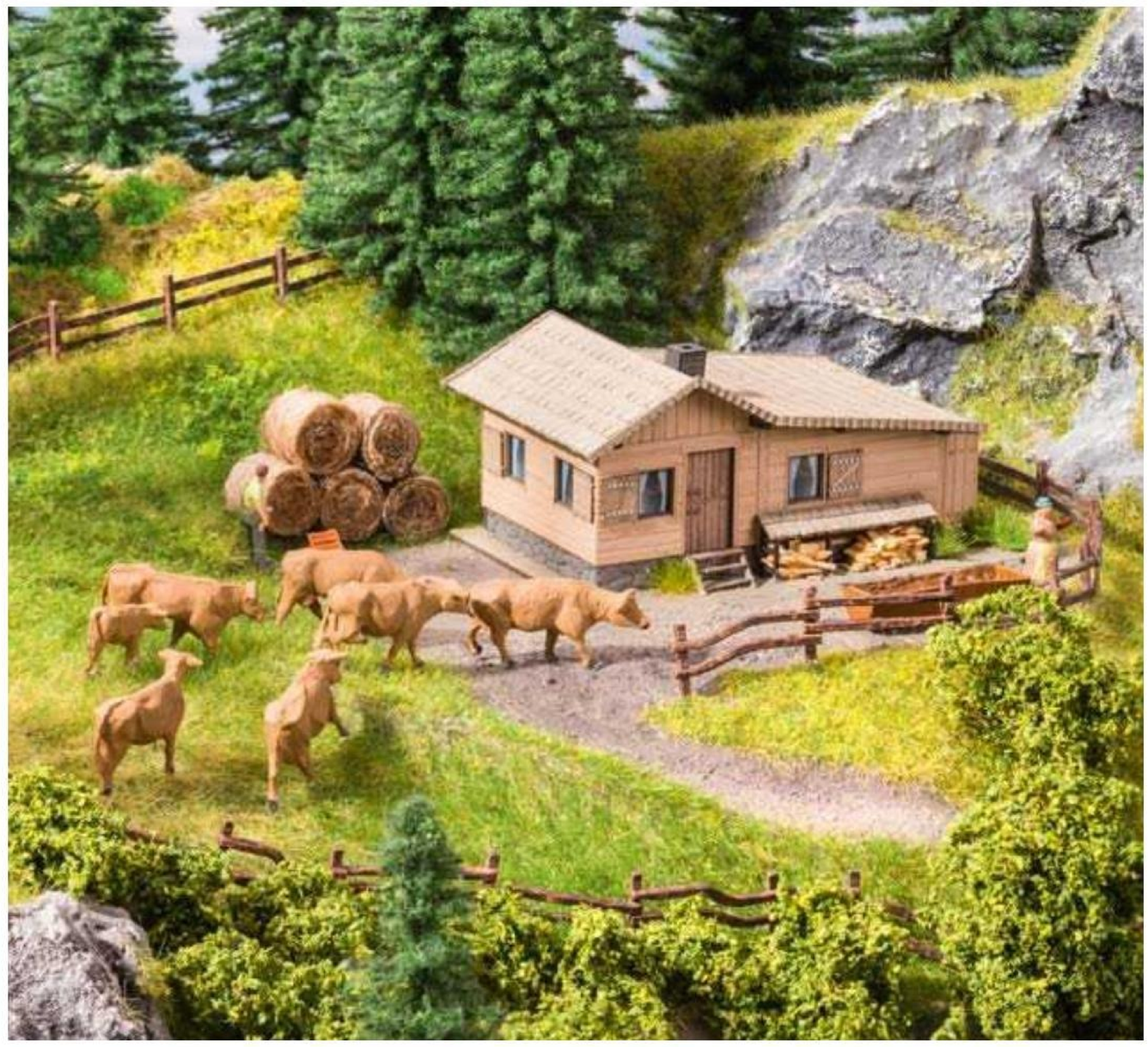


HO **65616** ***Scenery Set »Alp«***

Contents: Laser-Cut Kit »Chalet« with Water Trough
Field Fence (ref. 13030, 6 pieces)
Figures Set »Cows« (ref. 15727, 7 animals)
Scatter Grass »Alpine Meadow« (ref. 08360)

N **63616** ***Scenery Set »Alp«***

Contents: Laser-Cut Kit »Chalet« with Water Trough
Field Fence (ref. 33030, 6 pieces)
Figures Set »Cows« (ref. 36722, 9 animals)
Scatter Grass »Alpine Meadow« (ref. 08360)

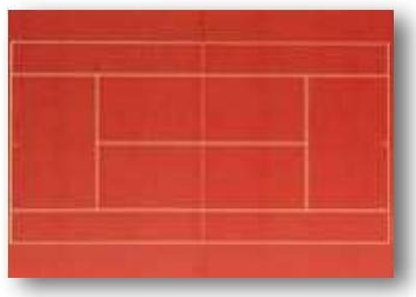






5.9 cm x 3.8 cm
3 cm high





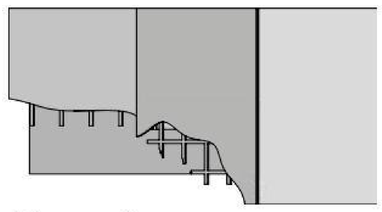


H0 **65615** ***Scenery Set »Tennis Court«***
Contents: Tennis Court, self-adhesive
Laser-Cut Kit »Kiosk with Changing Room«
Figures Set »Tennis Players« (ref. 15880)
Wire Mesh Fences with posts and gate









11 cm x 6 cm
5 cm high





H0 **65620** ***Scenery Set »Christmas Manger«***
Contents: Laser-Cut Kit »Christmas Manger«,
11 cm x 6 cm, 5 cm high
»Manger Figures« (ref. 15922, 11 figures)
Scatter Material brown, 42 g (ref. 08440)
20 Grass Tufts, green
Mini Grass Mats, green, 28 cm x 22 cm

LASER CUT® minis

Laser-Cut minis Kits

By now, the Laser-Cut minis from NOCH have become a »little institution.« The Kits have been very varied in recent years and many new ideas from our enthusiastic customers have reached us. We are therefore constantly expanding our range with new Laser-Cut minis for H0, TT and N gauges. The kits are available for a low price, and they will surely find a place on every model railway layout.
Just let yourself be inspired by our wide range of subjects!

More Laser-Cut minis can be found in this catalogue, starting from page 143.





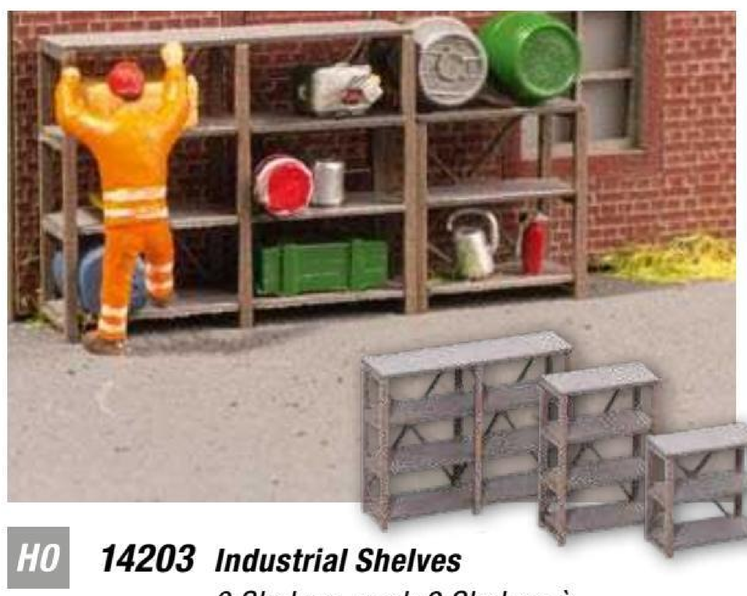
Railway, Industry, Trade



H0 **14202** ***Cable Rolls***
3 pieces
diameter 1.8 cm / 1.5 cm / 1.2 cm

TT **14438** ***Cable Rolls***
3 pieces
diameter 1.3 cm / 1.1 cm / 0.9 cm

N **14638** ***Cable Rolls***
3 pieces
diameter 1.1 cm / 0.9 cm / 0.7 cm



H0 **14203** ***Industrial Shelves***
6 Shelves, each 2 Shelves à
1.4 cm x 0.7 cm, 2.1 cm high
2.7 cm x 0.7 cm, 2.1 cm high
1.4 cm x 0.7 cm, 1.5 cm high

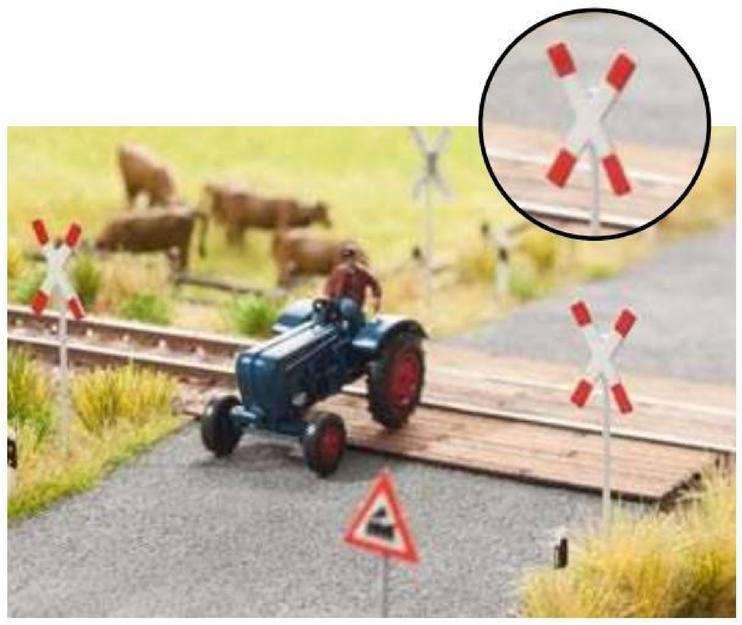


H0 **14214** ***Piles of Planks***
8 Piles with Wooden Planks
each 2 Piles of 2.5 cm x 0.8 cm
2.5 cm x 1.3 cm, 4 cm x 0.8 cm
4 cm x 1.3 cm

N **14628** ***Piles of Planks***
8 Piles with Wooden Planks
each 2 Piles of 1.4 cm x 0.8 cm
1.4 cm x 1.3 cm, 2.2 cm x 0.8 cm
2.2 cm x 1.3 cm



H0 **14300** ***Milestones***
20 milestones in 100 metre steps. Milestones can be mainly found along non-electrified branch lines. The upper number informs the engine driver about the track section and the lower one about the 100 metre mark. Mileage allocation randomly selected in the package.



H0 **14303** ***St Andrew's Crosses***
8 pieces



H0 **14304** ***Level Crossing***
11.8 cm x 4 cm

TT **14422** ***Level Crossing***
8.6 cm x 2.9 cm

N **14622** ***Level Crossing***
6.5 cm x 2.2 cm

1 G 0 H0 TT N Z



H0 **14306** ***Signal Box***
1.7 cm x 1.7 cm, 2.9 cm high



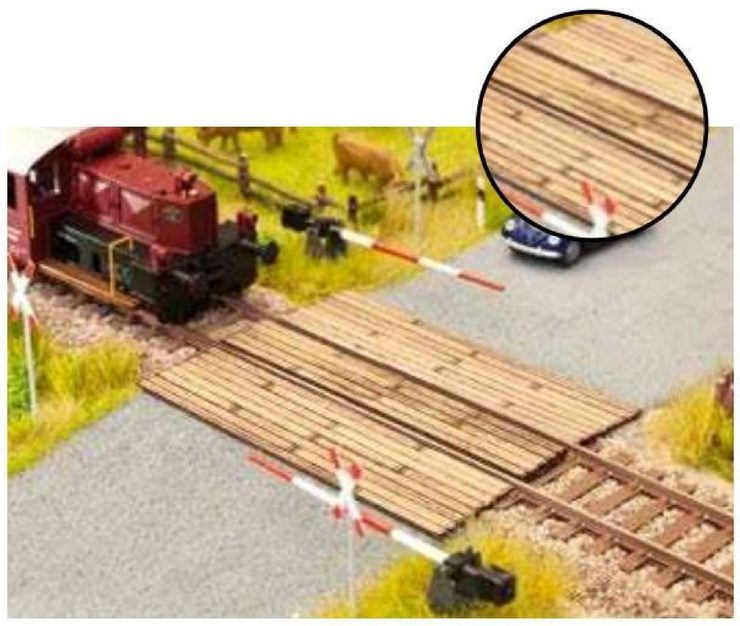
H0 **14308** ***Small Track House***
6.1 cm x 4.5 cm, 5.7 cm high

N **14640** ***Small Track House***
3.3 cm x 2.4 cm, 2.5 cm high



H0 **14309** ***Cable Hut***
»Gotthard Railway«
5.1 cm x 2.9 cm
4 cm high

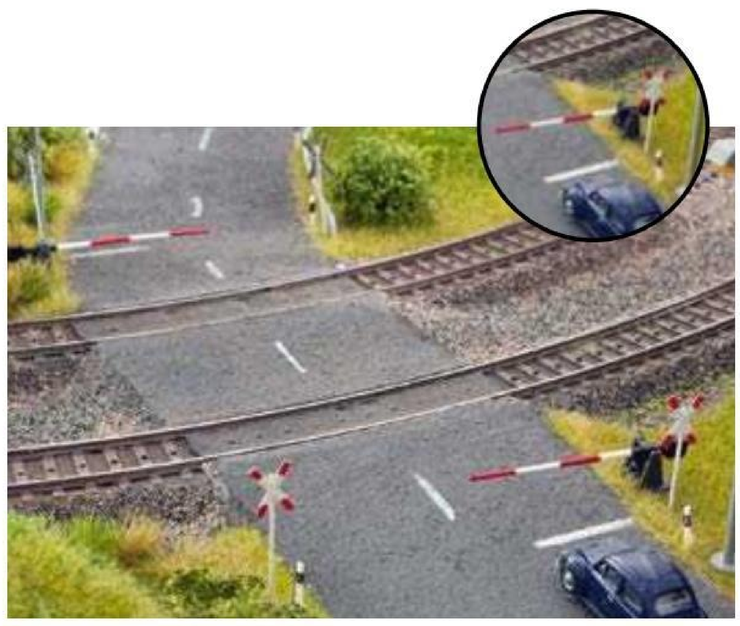
The Gotthard Line in Switzerland is probably one of the most famous railway lines in the world. It goes through Switzerland from north to south, from Lucerne to Chiasso, and over the Gotthard Pass. In 1920 exactly 100 years ago they began to electrify the line so that famous locos such as the »Crocodile« and the 4/4 could operate later. These typical little cable huts were erected along the line.



H0 **14305** ***Wooden Plank Crossing***
5.6 cm x 8 cm

TT **14424** ***Wooden Plank Crossing***
4.1 cm x 5.8 cm

N **14624** ***Wooden Plank Crossing***
3 cm x 4.4 cm



H0 **14307** ***Railway Gates with St Andrew's Crosses***
2 Gates, each 6 cm long
4 Diagonal Crosses



H0 **14311** ***Luggage Cart***
2 pieces
3.2 cm x 1.4 cm, 1.4 cm high

Note: *each supplied without St Andrew's cross and crossing barrier.*



H0 **14312** ***Underpass***
4.6 cm x 2.8 cm, 2.6 cm high
3 cm mounting depth

TT **14412** ***Underpass***
3.3 cm x 1.8 cm, 2.6 cm high
2.2 cm mounting depth

N **14612** ***Underpass***
2.5 cm x 1.5 cm, 1.4 cm high
1.6 cm mounting depth



H0 **14354** ***Corrugated Shed***
5.3 cm x 3.8 cm
3.5 cm high



Hard Foam Signal Base and Signal Niche

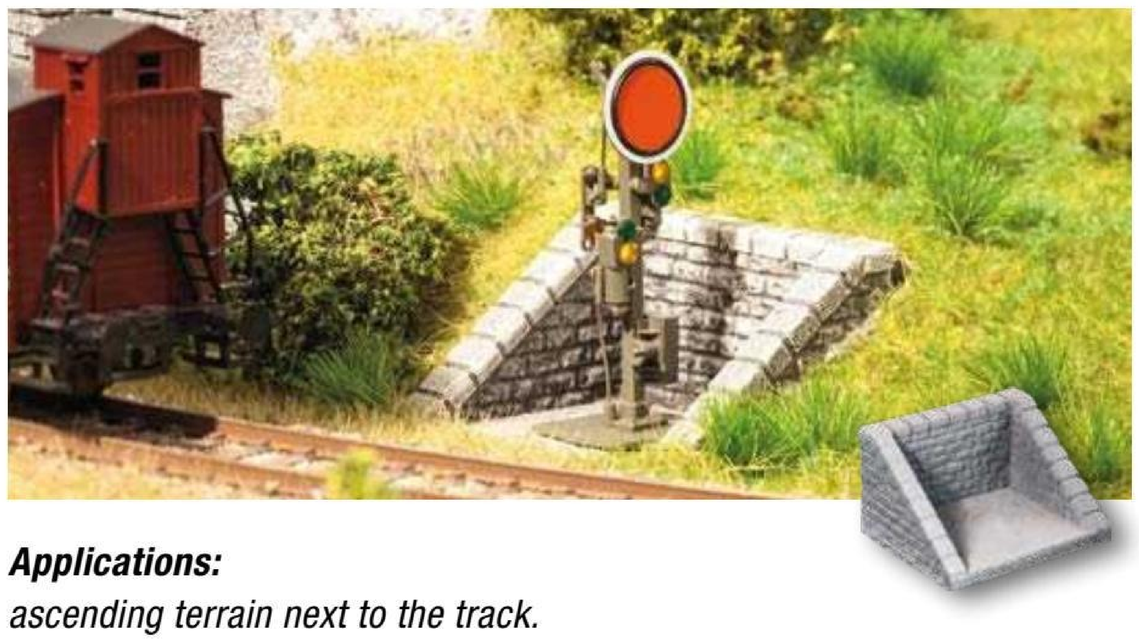
Masoned Hard Foam Signal Base and Signal Niche.
Suitable for signals with underfloor compact drive.



Applications: *railway embankment, individually adjustable for sloped areas.*

H0 **58304** ***Signal Base, small***
2 pieces, 5 cm x 3.7 cm, 3 cm high
size of installation surface:
3.3 cm x 3.1 cm

N **34304** ***Signal Base, small***
2 pieces, 2.7 cm x 2.1 cm, 1.6 cm high
size of installation surface:
2 cm x 1.7 cm

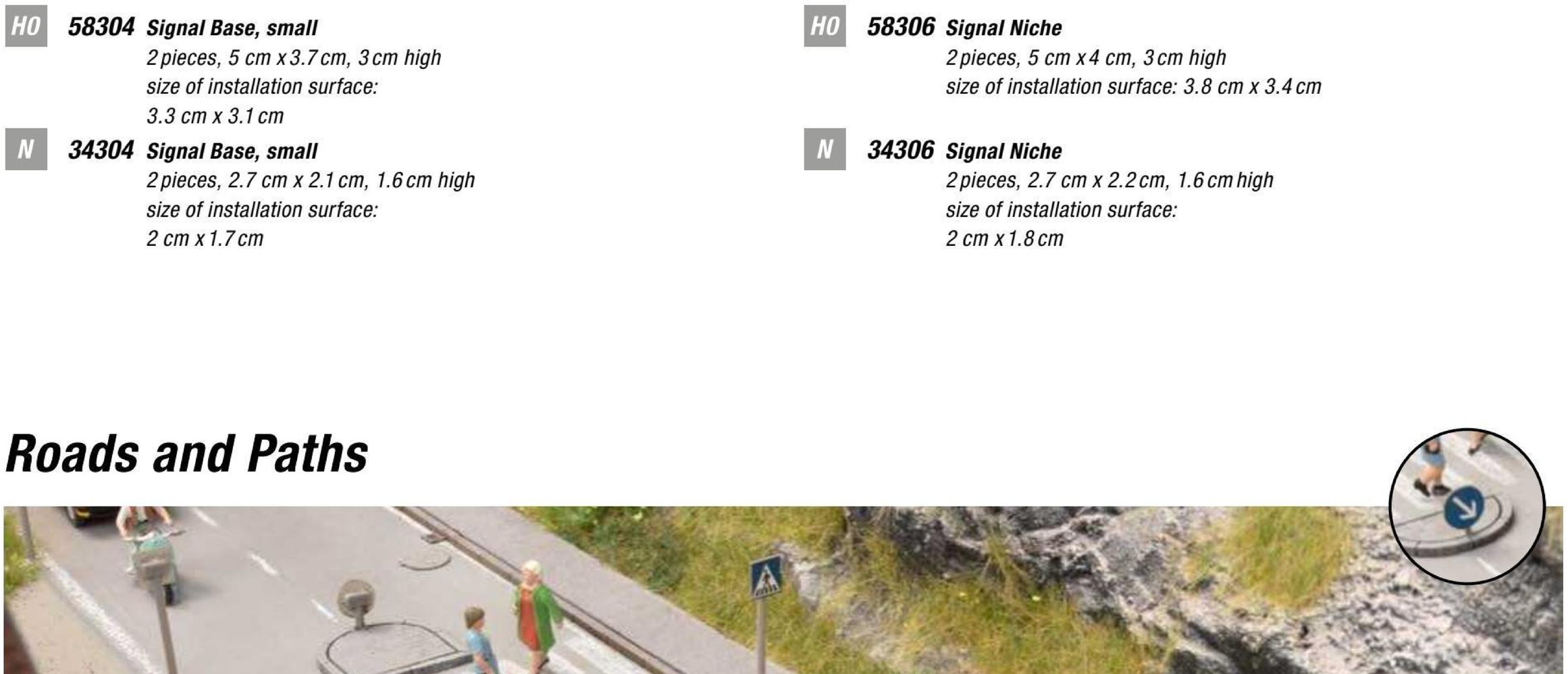


Applications:
ascending terrain next to the track.
Angle of gradient individually adjustable.

H0 **58306** ***Signal Niche***
2 pieces, 5 cm x 4 cm, 3 cm high
size of installation surface: 3.8 cm x 3.4 cm

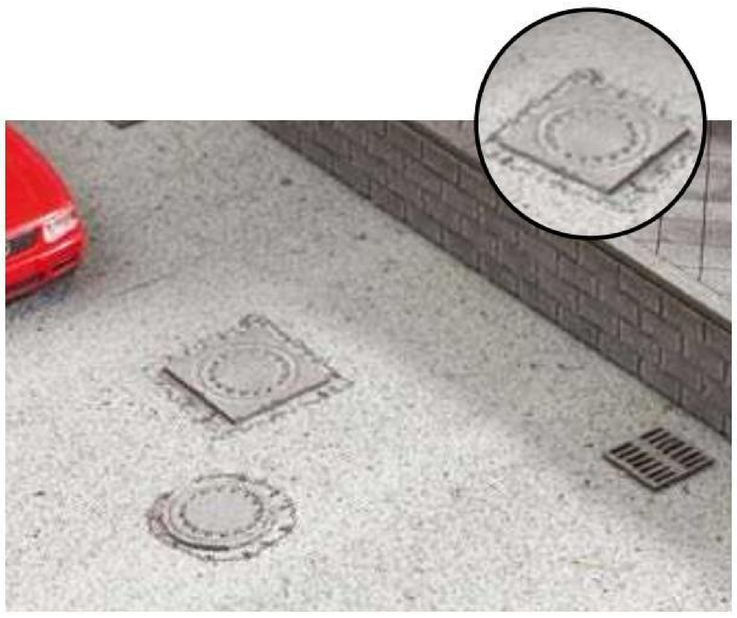
N **34306** ***Signal Niche***
2 pieces, 2.7 cm x 2.2 cm, 1.6 cm high
size of installation surface:
2 cm x 1.8 cm

Roads and Paths



H0 **14388** ***Traffic Island Set***
Contents: 26 pieces with 5 Tubular Posts and 49 Signs, 0.2 cm high
1 x Roundabout: 5.3 cm x 5.3 cm
12 x Semicircles: 2.3 cm x 1.4 cm
2 x Dividing Bands long: 2.3 cm x 5.8 cm
3 x Dividing Bands short: 2.3 cm x 4.6 cm
8 x Half Dividing Bands: 2.3 cm x 2.3 cm

N **14690** ***Traffic Island Set***
Contents: 26 pieces (without Tubular Posts and Signs), 0.1 cm high
1 x Roundabout: 2.9 cm x 2.9 cm
12 x Semicircles: 1.3 cm x 0.8 cm
2 x Dividing Bands long: 1.3 cm x 3.2 cm
3 x Dividing Bands short: 1.3 cm x 2.5 cm
8 x Half Dividing Bands: 1.3 cm x 1.3 cm



HO **14218** ***Drain Covers and Gully***
25 pieces

TT **14432** ***Drain Covers and Gully***
25 pieces

N **14632** ***Drain Covers and Gully***
25 pieces



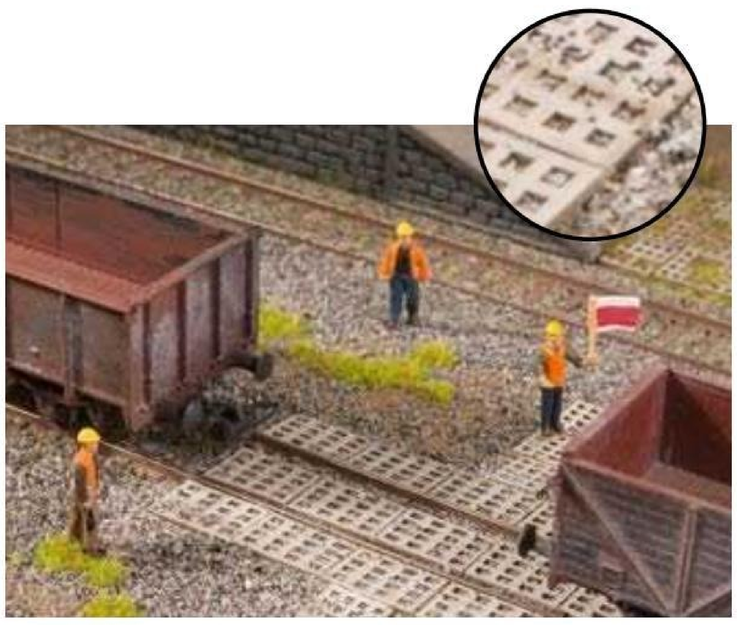
HO **14219** ***Kerbs***
16 pieces, total length 200 cm



HO **14221** ***Flagstones***
128 pieces, 0.1 cm high
(diverse assorted) 1.4 cm x 1.2 cm
2.3 cm x 1.2 cm 1.4 cm x 0.6 cm
3.5 cm x 1.1 cm

TT **14431** ***Flagstones***
128 pieces, 0.1 cm high
(diverse assorted) 1.0 cm x 0.9 cm
1.7 cm x 0.9 cm, 1.0 cm x 0.4 cm
2.5 cm x 0.8 cm

N **14631** ***Flagstones***
128 pieces, 0.1 cm high
(diverse assorted), 0.8 cm x 0.7 cm
1.3 cm x 0.7 cm, 0.8 cm x 0.3 cm
1.9 cm x 0.6 cm



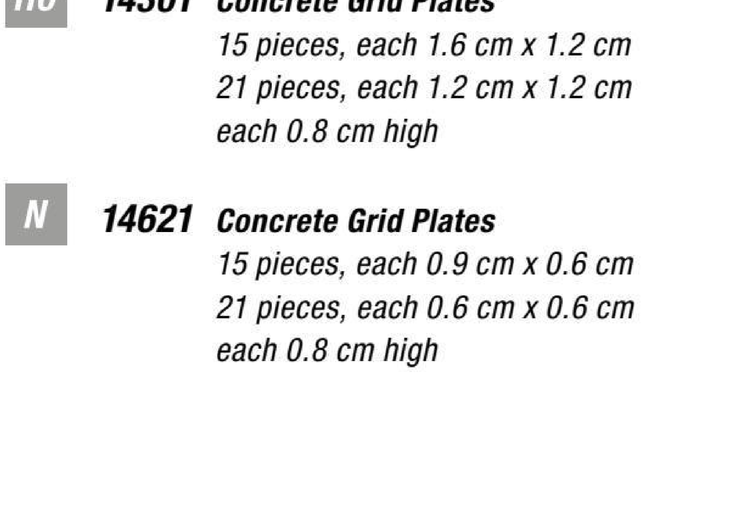
HO **14301** ***Concrete Grid Plates***
15 pieces, each 1.6 cm x 1.2 cm
21 pieces, each 1.2 cm x 1.2 cm
each 0.8 cm high

N **14621** ***Concrete Grid Plates***
15 pieces, each 0.9 cm x 0.6 cm
21 pieces, each 0.6 cm x 0.6 cm
each 0.8 cm high



HO **14387** ***Traffic Signs Set***
Contents: 252 Traffic Signs
with 30 Tubular Posts

Village and City



HO **14211** ***Gravestones***
10 pieces

N **14611** ***Gravestones***
10 pieces



HO **14233** ***Railing***
approx. 31 cm long
1.3 cm high

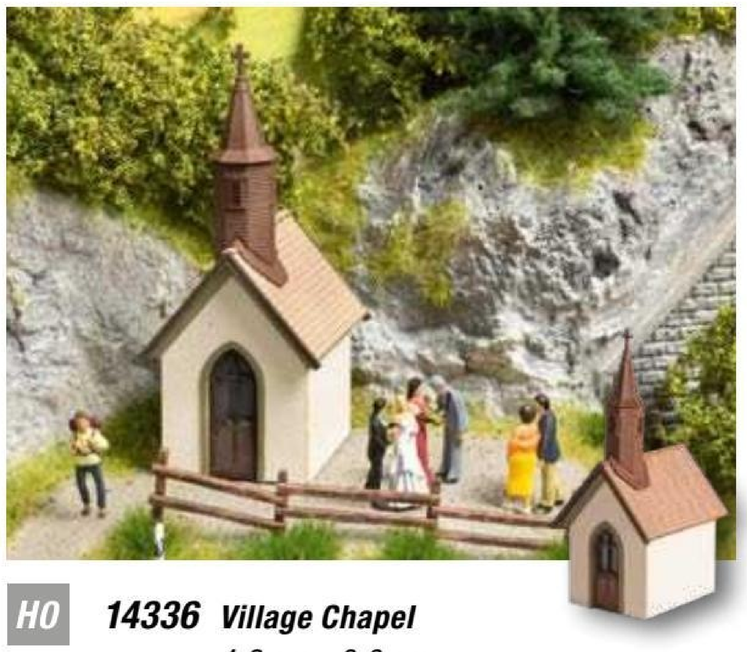
HO **14236** ***Coping Stones***
5 pieces made of structured hard foam
9.8 cm x 1 cm, 0.4 cm high



HO **14335** ***Bakery***
3.8 cm x 4.2 cm
3.2 cm high

TT **14488** ***Bakery***
2.8 cm x 3 cm
2.3 cm high

N **14688** ***Bakery***
2.1 cm x 2.3 cm
1.7 cm high



HO **14336** ***Village Chapel***
4.2 cm x 3.6 cm
8.1 cm high

N **14687** ***Village Chapel***
2.3 cm x 2 cm
4.5 cm high

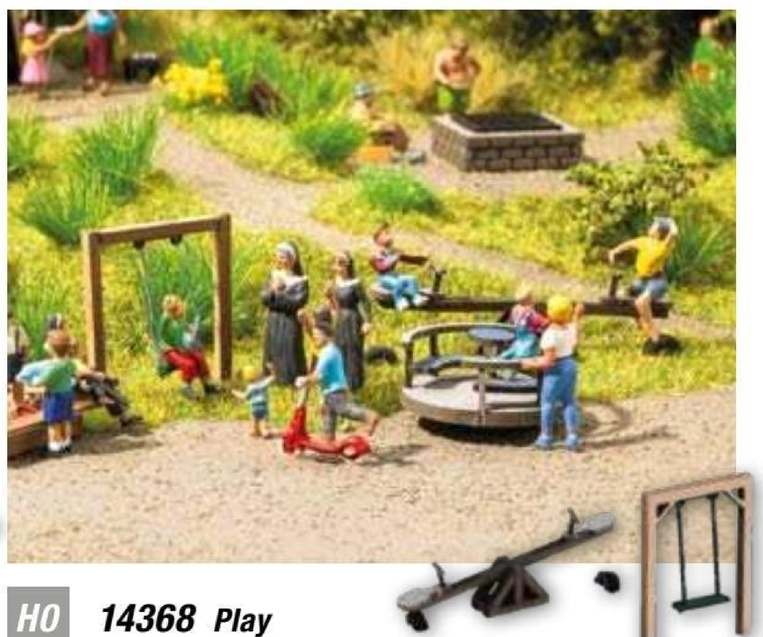


HO **14355** ***Carport***
6.5 cm x 3.5 cm
3.8 cm high



HO **14367** ***Adventure Playground***
11 cm x 3.7 cm
4.5 cm high

Note: *the Adventure Playground is a very delicate modelling kit for advanced hobbyists.*



HO **14368** ***Play Equipment***
3 pieces
Roundabout:
2.2 cm x 2.2 cm
1.1 cm high
Seesaw: 4.2 cm x 6 cm, 1.5 cm high
Swing: 2.1 cm x 0.2 cm, 2.3 cm high



HO **14370** ***Winepress***
6.2 cm x 6 cm
6.3 cm high

N **14670** ***Winepress***
3.3 cm x 3.3 cm
3.4 cm high



HO **14375** ***Well***
5 cm x 4.5 cm, 3.7 cm high

TT **14475** ***Well***
3.6 cm x 3.3 cm, 2.7 cm high

N **14675** ***Well***
2.7 cm x 2.4 cm, 2 cm high



HO **14378** ***Chicken Shed***
5.5 cm x 4.0 cm, 3.5 cm high

TT **14478** ***Chicken Shed***
4.1 cm x 3 cm, 2.4 cm high

N **14678** ***Chicken Shed***
3.2 cm x 2.2 cm, 1.9 cm high



HO **14379** ***Cattle Shelter***
6.2 cm x 4.2 cm, 3.0 cm high

TT **14479** ***Cattle Shelter***
4.5 cm x 3.1 cm, 2.2 cm high

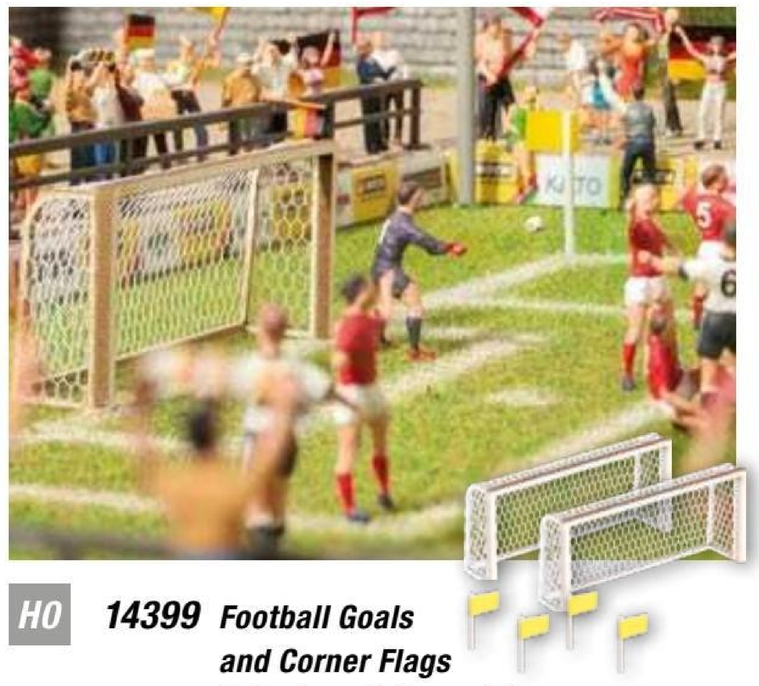
N **14679** ***Cattle Shelter***
3.5 cm x 2.4 cm, 1.8 cm high



H0 **14397** ***Sauna with View***
(without figures)
8.9 cm x 4.3 cm, 3.5 cm high



H0 **14398** ***Stand***
9.7 cm x 4.6 cm
4.4 cm high



H0 **14399** ***Football Goals and Corner Flags***
2 Goals each 5 cm x 1.2 cm
2.3 cm high
4 Corner Flags each 1.7 cm high

Water



H0 **14222** ***Small Footbridge***
6 cm x 2.2 cm
1.3 cm high

N **14620** ***Small Footbridge***
3.3 cm x 1.2 cm
0.8 cm high



H0 **14223** ***Footbridge***
9.5 cm x 1.8 cm
max. 3 cm high



H0 **14224** ***House Boat***
8 cm x 3.4 cm
3 cm high

TT **14437** ***House Boat***
5.8 cm x 2.5 cm
2.2 cm high

N **14637** ***House Boat***
4.4 cm x 1.8 cm
1.6 cm high



H0 **14260** ***Beach Bar***
7.6 cm x 5 cm
4.9 cm high



H0 **14261** ***Dressing Room***
Single Cabin:
2.5 cm x 2.5 cm, 3.5 cm high
Double Cabin:
4.2 cm x 2.5 cm, 3.5 cm high



H0 **14346** ***Duck House with Duck***
1.8 cm x 1.7 cm, 1.3 cm high

Garden



HO **14227** ***Lawn Stones***
2 Plates each with 126 Lawn Stones
0.7 cm x 0.5 cm, 0.1 cm high



HO **14229** ***Pergola***
5 elements
each approx. 2.5 cm wide
3.2 cm high



HO **14230** ***Timber Fence***
42 cm
1.5 cm high



HO **14357** ***Green House***
4.2 cm x 2.4 cm
2.6 cm high



HO **14358** ***Cold Frames***
2 pieces
4 and 2.6 cm x 1.6 cm
1 cm high



HO **14359** ***Outhouse***
2 pieces, 1.8 cm x 2 cm, 2.7 cm high

TT **14436** ***Outhouse***
2 pieces, 1.3 cm x 1.5 cm, 2 cm high

N **14636** ***Outhouse***
2 pieces, 1 cm x 1.1 cm, 1.5 cm high



HO **14025** ***Cold Frames with Lettuce***
1 piece, 4 cm x 1.6 cm
1 piece, 2.6 cm x 1.6 cm



HO **14361** ***Garden Plot Shed***
5.4 cm x 5.2 cm
3.3 cm high

TT **14435** ***Garden Plot Shed***
3.9 cm x 3.8 cm
2.4 cm high

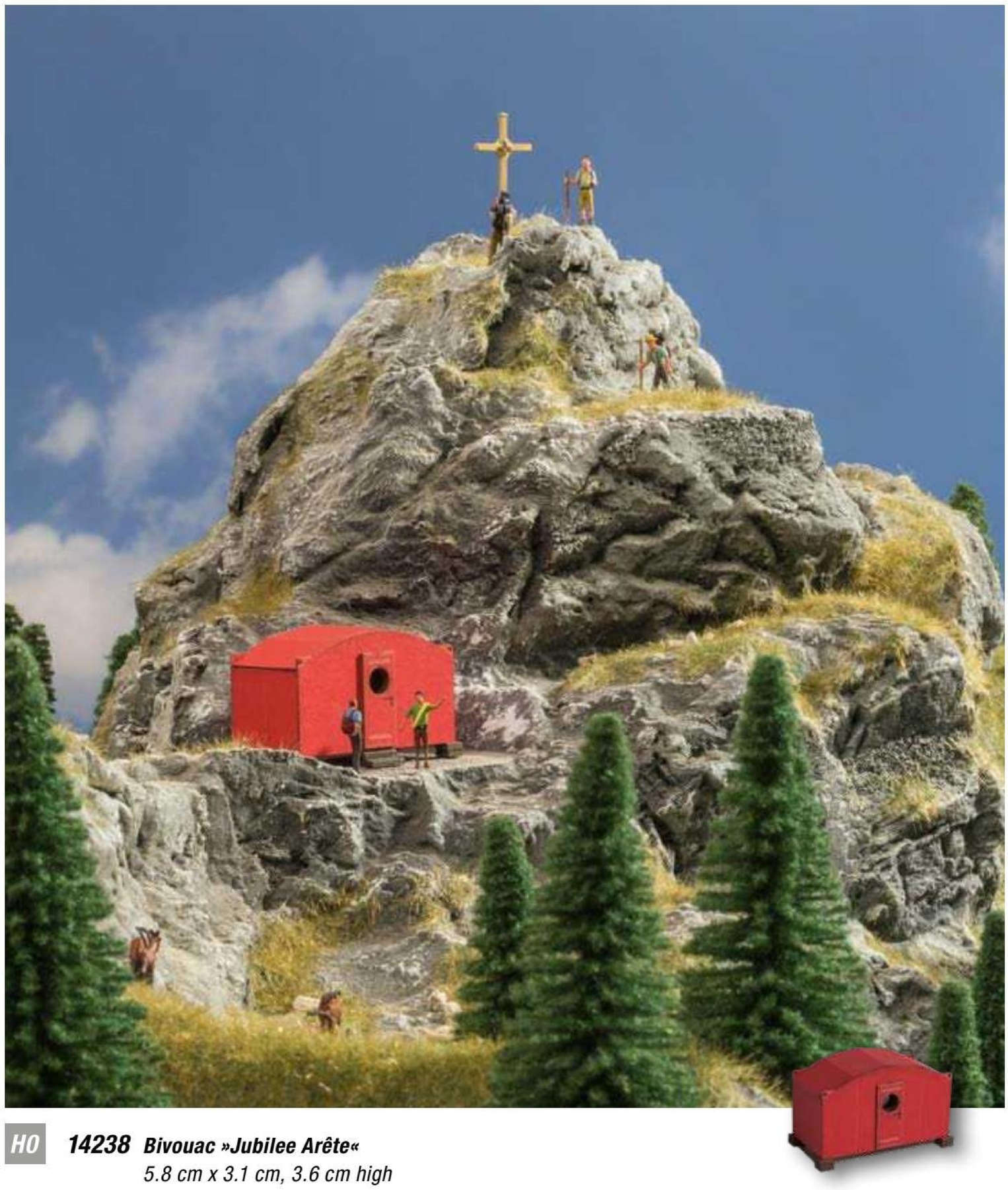
N **14635** ***Garden Plot Shed***
2.9 cm x 2.8 cm
1.8 cm high



HO **14364** ***Kennels***
3 pieces
Kennel 1: 2 cm x 1.9 cm, 0.9 cm high
Kennel 2: 1.4 cm x 1.3 cm, 1 cm high
Kennel 3: 1.3 cm x 1.2 cm, 0.9 cm high

1 G 0 HO TT N Z

Forest, Meadow and Mountains





H0 **14238** ***Bivouac »Jubilee Arête«***
5.8 cm x 3.1 cm, 3.6 cm high

N **14694** ***Bivouac »Jubilee Arête«***
3.1 cm x 1.7 cm, 1.9 cm high



H0 **14250** ***Hay Racks***
44 pieces (diverse assorted)
0.8 cm x 0.7 cm, 1.7 cm high
2.5 cm x 2.5 cm, 2 cm high



H0 **14239** ***Avalanche Barrier***
5 elements
variable setup
max. length approx. 7.9 cm



H0 **14250** ***Drying Frame***
with 8 Racks
6.1 cm x 2.6 cm, 3.2 cm high



HO **14338** ***Refuge***
»Babenstuber Hut«
4.6 cm x 3.7 cm
3.2 cm high



... Just like the original: the »Babenstuber Hut« acts as emergency shelter for mountaineers below the summit of the Ellmauer Halt in the Wilder Kaiser mountains. The model can, however, also be used as a refuge or barbecue hut. Incidentally, we have spared no effort and surveyed the original on site at 2,300 metres altitude.



HO **14341** ***Raised Hide***
3 cm x 3 cm, 5.4 cm high

TT **14433** ***Raised Hide***
2.1 cm x 2.3 cm, 4 cm high

N **14633** ***Raised Hide***
1.6 cm x 2.1 cm, 3 cm high



HO **14342** ***Forest Lodge***
6.5 cm x 5.1 cm, 4 cm high

TT **14434** ***Forest Lodge***
4.7 cm x 3.7 cm, 2.8 cm high

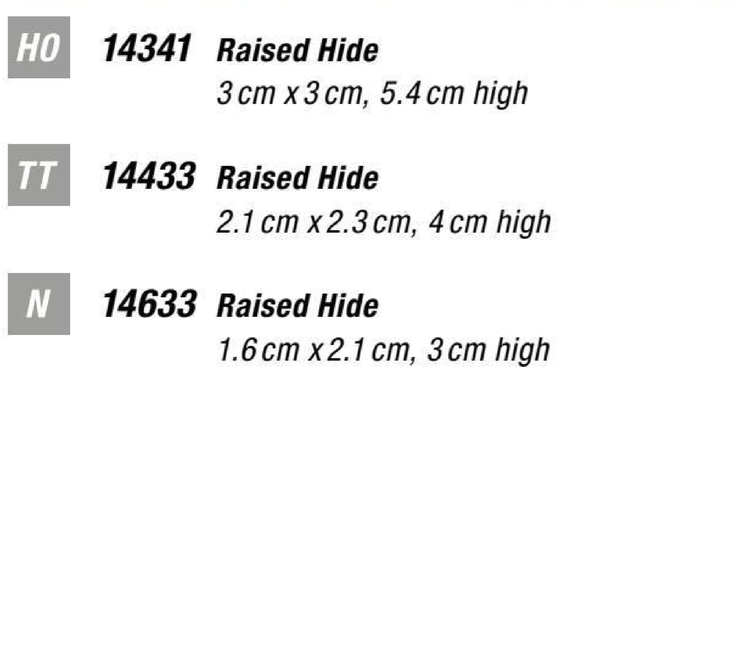
N **14634** ***Forest Lodge***
3.5 cm x 2.8 cm, 2.2 cm high



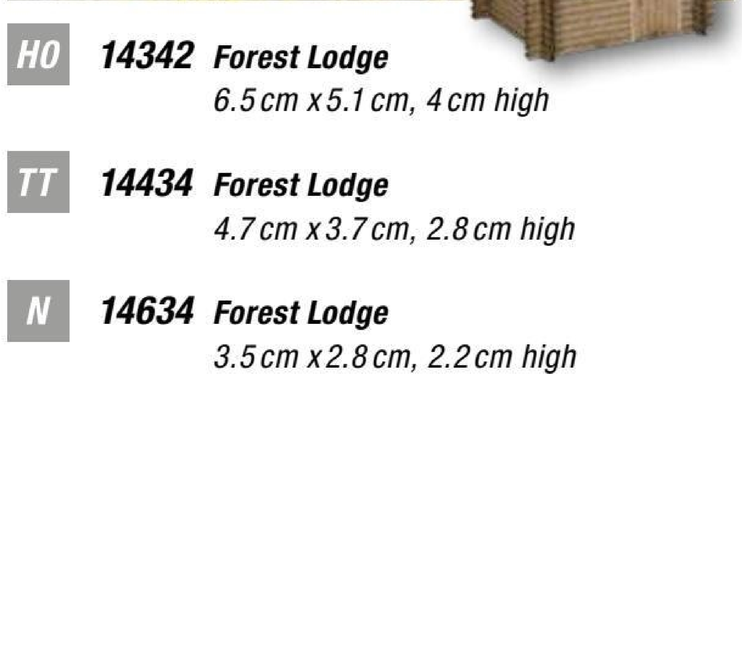
HO **14366** ***Resting Place***
1 Bench with Roof 3.6 cm x 3.9 cm
3.7 cm high, 1 Bench without Roof
3.3 cm x 2.2 cm, 0.9 cm high

TT **14474** ***Resting Place***
1 Bench with Roof 2.6 cm x 2.8 cm,
2.7 cm high, 1 Bench without Roof
2.4 cm x 1.6 cm, 0.7 cm high

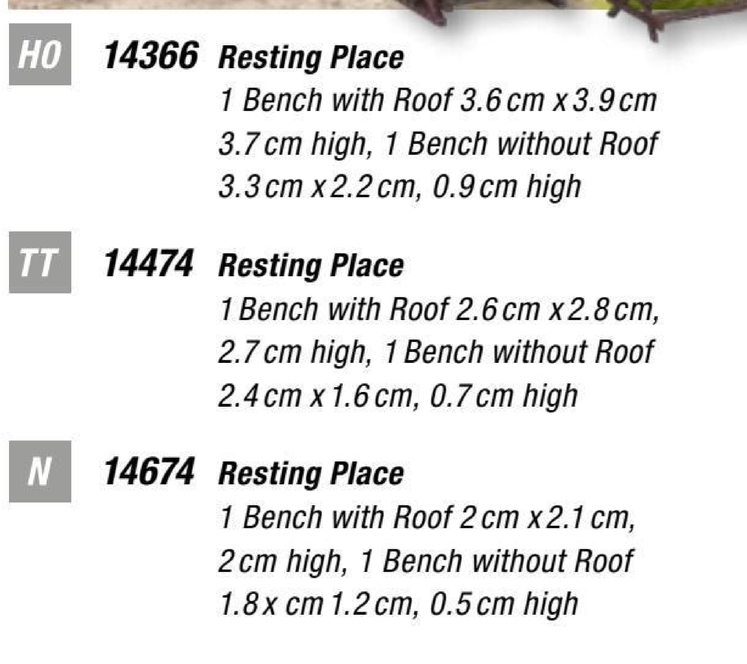
N **14674** ***Resting Place***
1 Bench with Roof 2 cm x 2.1 cm,
2 cm high, 1 Bench without Roof
1.8 x cm 1.2 cm, 0.5 cm high



HO **14339** ***Mountain Shelter***
6.5 cm x 6 cm
4.2 cm high



HO **14343** ***Cratch***
2 pieces
2.8 cm x 1.4 cm, 2.4 cm high



HO **14369** ***Barbecue Place with Swings***
6.8 cm x 5.9 cm
2.7 cm high

1 G 0 HO TT N Z

Christmas Laser-Cut minis Kits







H0 **14391** ***Christmas Market Entry Arch***
7.6 cm x 1 cm,
approx. 7.9 cm high



N **14681** ***Christmas Market Entry Arch***
4.3 cm x 0.6 cm, 4.5 high

H0 **14392** ***Christmas Market Stall***
8 cm x 5 cm, 3.5 cm high

TT **14482** ***Christmas Market Stall***
6 cm x 4 cm, 3 cm high

N **14682** ***Christmas Market Stall***
4.5 cm x 3 cm, 2 cm high



H0 **14393** ***Mulled Wine Stall***
5 cm x 5 cm, 4 cm high

TT **14483** ***Mulled Wine Stall***
4 cm x 4 cm, 3 cm high

N **14683** ***Mulled Wine Stall***
3 cm x 3 cm, 2.5 cm high



H0 **14394**
Christmas Market Manger
with Figures in Wood Look
7.5 cm x 3.5 cm, 3.5 cm high
incl. 8 Figures



H0 **14395** ***Christmas Market Pyramid***
4.5 cm x 4.5 cm, 9 cm high

Decoration Test Set »Laser-Cut«

Convince yourself of the quality of NOCH's Laser-Cut products:



H0 **67190** ***Decoration Test Set »Laser-Cut«***
Laser-Cut Kit »Cabin«
1 Tree
2 Figures
1 Hard Foam Base-Plate
Laser-Cut Plants
Grass
Lake Film
Laser-Cut Adhesive



61104 ***Laser-Cut Adhesive***
30 g

Info Tip:
Laser-Cut Adhesive –
easy to apply in exact doses

NOCH Laser-Cut Adhesive is perfect for building high-grade model Laser-Cut Kits. The adhesive is very easy to apply in exact doses thanks to its tip. Even the smallest parts can therefore be stuck together cleanly. When glueing larger surfaces together. It is recommended that the adhesive is spread with a paintbrush. Its special formula ensures a strong, long-lasting bond.



Made in Germany

Fascinatingly Realistic!

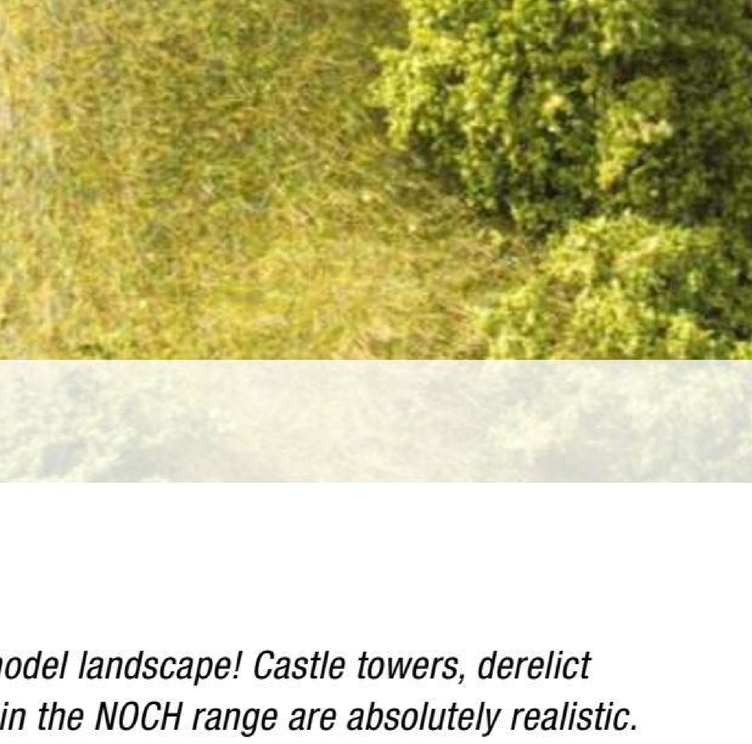
Structured Hard Foam Castle Ruins

NOCH Castle Ruins are true eye-catchers in every model landscape! Castle towers, derelict fortifications, castle courtyards: all mediaeval walls in the NOCH range are absolutely realistic.

Super realistic!



HO TT **58600** *Castle Ruin*
18 cm x 14 cm, 12 cm high



HO **58605** *Castle Ruin*
20 cm x 16.3 cm, 16.5 cm high



Combination option: ref. 58600 and 58605 Castle Ruins can be made into a large castle.

1 G 0 HO TT N Z



HO TT N **58609** ***Castle Ruin***
15.5 cm x 10 cm, 12 cm high



HO TT N **58602** ***Castle Ruin***
16 cm x 13 cm, 10 cm high



HO **58611** ***Chapel Ruin***
10.5 cm x 6.7 cm, 6.7 cm high



N **58612** ***Cemetery***
16.5 cm x 11.5 cm, 4.0 cm high



Background Info:



In cooperation with:

Modellbau Luft

Anyone who thinks of plaster models thinks of Modellbau Luft. Manfred Luft is an artist with plaster, who always provides high-quality models with gusto. For 28 years, his studio has been producing small buildings series, custom-made models and master patterns for companies and end consumers. Crooked huts, old cottages, decaying castles and stalactite caves are mainly crafted by hand.

By now, there are four models in the NOCH range that bear his hallmark: two H0 Castle Ruins (refs. 58600 and 58605) as well as the two products Castle Ruin (ref. 58609) and the Creepy Graveyard (ref. 58585).

Visit the Modellbau Luft website and let yourself be inspired by the variety of models made by this extraordinary artist.

Further info about Modellbau Luft can be found at www.modellbauluft.de

Populate Your Entire Little World!

Nothing animates a model scene as much as model figures. You'll find a huge selection of different figures in the NOCH range. To give you a quick introduction to the large assortment of NOCH Figures, you'll find a small overview on the page to the right.

***Note:** you ll find Z, 0 and 1 gauge figures in the chapter »Special Gauges« (from page 300) in this catalogue.*

1 G 0 HO TT N Z

Figures and Decorations

Figures Sets and Themed Figures Sets – from page 246

• Here, you'll find the classic Figures Sets, the economic XL Figures Sets, the Mega Economy Sets and the popular Figures Advent Calendars.

Unpainted Figures – from page 267

• Design your own figures in whatever colours you like.

Sound Scenes and Deco Scenes – from page 280

• The perfect combination of figures and accessories to fit many subjects.

Accessories – from page 287

• Accessory Sets, Ornamental Plants, Deco Minis and Fences

Individual Figures – from page 296

• Do you want to put together your own favourite figures? Here, you'll find a selection of individual figures.

Working Life



HO **15021** ***Fire Brigade***
(black protective clothes)

N **36021** ***Fire Brigade***
(black protective clothes)



HO **15022** ***Fire Brigade***
(orange protective clothes)

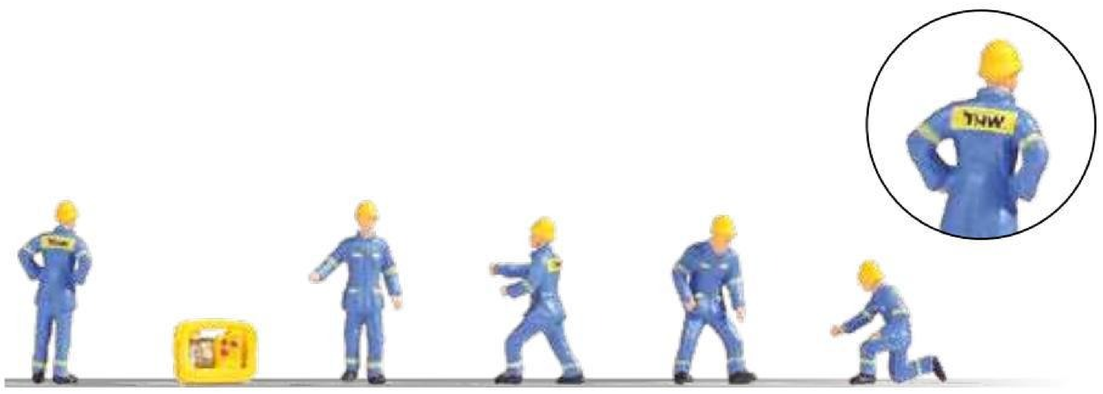
N **36022** ***Fire Brigade***
(orange protective clothes)



HO **15023** ***French Fire Brigade***



HO **15024** ***Fire Brigade Netherlands***



HO **15025** ***THW Technical Aid Agency***



HO **15029** ***City Cleaning***

TT **45029** ***City Cleaning***

N **36029** ***City Cleaning***



H0 **16770** ***Fork-lift Truck***



H0 **15038** ***Warehousemen***

TT **45038** ***Warehousemen***

N **36038** ***Warehousemen***



H0 **15042** ***Miners***



H0 **15051** ***Carpenters***



H0 **15052** ***Chimney Sweepers***



H0 **15053** ***Bakers***



H0 **15054** ***Bricklayers***



H0 **15055** ***Bricklayers***

TT **45055** ***Bricklayers***

N **36055** ***Bricklayers***



H0 **15056** ***Painters***



H0 **15057** ***Construction Workers***



HO **15060** Hunters and Lumberjacks



HO **15061** Forest Workers

TT **45061** Forest Workers

N **36061** Forest Workers



HO **15070** Service Staff

TT **45070** Service Staff

N **36070** Service Staff



HO **15094** Paramedics

N **36094** Paramedics





HO **15096** Gangsters & Policemen



HO **15108** Auto Mechanics

TT **45108** Auto Mechanics



HO **15110** Construction Workers

TT **45110** Construction Workers

N **36110** Construction Workers



HO **15116** Caretakers

TT **45116** Caretakers

N **36116** Caretakers



HO **15111** Workers & Tools



1 G 0 HO TT N Z

Postmen and Police Officers



H0 **15088** ***German Postmen***



H0 **15076** ***Police Officers GDR***

TT **45076** ***Police Officers GDR***



H0 **15077** ***Policemen of the Netherlands***



H0 **15090** ***German Police Officers***

N **36090** ***German Police Officers***





H0 **15091** ***Police Officers*** *(blue uniform)*

N **36091** ***Police Officers*** *(blue uniform)*

Zombies & Vampires



H0 **15800** ***Zombies***



H0 **15801** ***Vampires***



H0 **15802** ***Hunchback & Beautiful Girl***





At the Railway Station



HO **15218** Passengers

N **36218** Passengers





HO **15219** Passengers



HO **15220** Passengers

TT **45220** Passengers

N **36220** Passengers *(9 Figures)*



HO **15224** Passengers



HO **15225** Passengers



HO **15226** Business Travellers

N **36226** Business Travellers



H0 **15240** ***Passengers*** *(without Benches)*

N **36240** ***Passengers*** *(without Benches)*



H0 **15241** ***Passengers*** *(without Legs, without Benches)*



H0 **15242** ***Passengers*** *(without Benches)*

TT **45242** ***Passengers*** *(without Benches)*

N **36242** ***Passengers*** *(without Benches)*



H0 **15244** ***Lorry Drivers and Co-Drivers*** *(without Legs)*



H0 **15245** ***Farewell***

N **36245** ***Farewell***



H0 **15250** ***Sitting Passengers***
(without Legs, without Benches)



H0 **15275** ***Shunters***

TT **45275** ***Shunters***

N **36275** ***Shunters***



H0 **15276** ***Railway Construction Group***

TT **45276** ***Railway Construction Group***

N **36276** ***Railway Construction Group***



H0 **15277** ***Track Workers***

TT **45277** ***Track Workers***

N **36277** ***Track Workers***





HO **15278** ***Sitting Workers*** *(without Benches)*



HO **15279** ***Shunters Epoch III & IV***

TT **45279** ***Shunters Epoch III & IV***

N **36279** ***Shunters Epoch III & IV***



HO **15280** ***Railroad Staff***

TT **45280** ***Railroad Staff***

N **36280** ***Railroad Staff*** *(9 Figures)*



HO **15281** ***Engine Drivers Steam Loco***

N **36281** ***Engine Drivers Steam Loco***



HO **15282** ***Engine Driver & Shunters, Epoch III***

TT **45282** ***Engine Driver & Shunters, Epoch III***

N **36282** ***Engine Driver & Shunters, Epoch III***



HO **15283** ***Engine Drivers Electric Loco*** *(without Legs, without Benches)*



HO **15265** ***German Railway Officials***

TT **45265** ***German Railway Officials***



HO **15266** ***Swiss Railway Officials***



HO **15267** ***Austrian Railway Officials***





People in all Situations



H0 **15400** **Nuns** *(without Bench)*



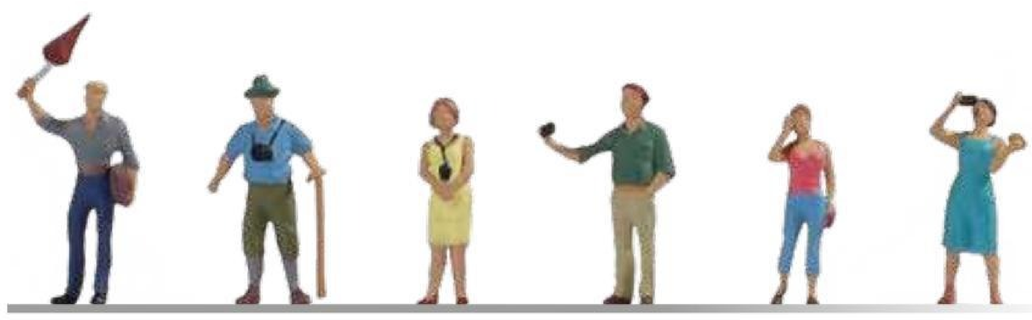
H0 **15401** **Monks** *(without Bench)*



H0 **Priest and Altar Servers**



H0 **15470** **Market**



H0 **15472** **Travel Group**



H0 **15478** **Pedestrians**

N **36478** **Pedestrians**



H0 **15479** **Pedestrians**

TT **45479** **Pedestrians**

N **36479** **Pedestrians**



H0 **15480** **Pedestrians**



HO **15481** ***Pedestrians***





HO **15510** ***Lovers***

N **36510** ***Lovers***



HO **15511** ***Same-Sex Couples***



HO **15518** ***Shopping***



HO **15520** ***Pedestrians***



HO **15530** ***Sitting People*** *(with one Bench)*

TT **45530** ***Sitting People*** *(with one Bench)*

N **36530** ***Sitting People*** *(with one Bench)*



HO **15532** ***Sitting People*** *(without Benches)*

TT **45532** ***Sitting People*** *(without Benches)*

N **36532** ***Sitting People*** *(without Benches)*



HO **15533** ***Sitting People*** *(without Benches)*



TT **45535** ***Sitting People*** *(without Benches)*



HO **15536** ***Sitting People*** *(without Benches)*



H0 **15540** ***Sitting People*** *(without Benches)*

N **36540** ***Sitting People*** *(without Benches)*



H0 **15551** ***Senior Citizens***



H0 **15558** ***Group of Regulars***



H0 **15560** ***Toilet Stories***

TT **45560** ***Toilet Stories***

N **36560** ***Toilet Stories***



H0 **15565** ***City Scenes***



H0 **15563** ***Street Musicians*** *(without Bench)*



H0 **15570** ***Watering the Flowers***

Tip: *this Figures Set can also be placed by windows and on balconies.*



H0 **15571** ***Photographers***

N **36571** ***Photographers***



H0 **15573** ***Camera Crew***



H0 **15574** ***People with Cell Phones*** *(without Bench)*



HO **15575** ***People reading***



HO **15577** ***Churchgoers***



HO **15578** ***People in traditional costume***



HO **15579** ***Alphorn Players***



HO **15580** ***Music band***

N **36580** ***Music band***



HO **15589** ***Grandparents & Grandchildren***



HO **15590** ***Parents & Children***

TT **45590** ***Parents & Children***

N **36590** ***Parents & Children***





HO **15592** ***Parents & Children***





HO **15595** ***Washday***



Country Life



HO **15613** Harvesters



HO **15614** Wine Growers

N **36614** Wine Growers



HO **15617** Farmers



HO **15618** Mountain Farmers



HO **15619** Hay Harvest



HO **15628** Tractor Drivers *(without Benches)*

Example of use





HO **15629** Farmers

TT **45629** Farmers

N **36629** Farmers



HO **16750** Two Wheel Tractor

TT **46750** Two Wheel Tractor

N **37750** Two Wheel Tractor



HO **16756** Tractor Fahr



HO **15630** Riders

TT **45630** Riders

N **36630** Riders



HO **15632** Horse Care



HO **15634** Stable Work

N **36634** Stable Work







HO **15635** Pony Riding

Enjoying a Ride

Carriages and Coaches

Carriages, horse and ox carts were the most common means of transport only a few decades ago. Such scenes can therefore be found on many model landscapes. Extend your authentic fleet of vehicles with a couple of really impressive models.



N **37701** Brewery Carriage



HO **16706** Wedding Carriage



HO **16714** Hearse Coach

1 G 0 HO TT N Z



Animals



HO **15711** **Farm Animals** *(12 Figures)*

TT **45711** **Farm Animals** *(10 Figures)*

N **36711** **Farm Animals** *(10 Figures)*



HO **15712** **Pigs**

N **36712** **Pigs**



HO **15713** **Farm Animals**

N **36713** **Farm Animals**



TT **45715** **Dogs & Cats**





HO **15717** **Dogs**

N **36717** **Dogs**



HO **15719** **Dogs**



HO **15721** **Cows, black-white**

TT **45721** **Cows, black-white**

N **36721** **Cows, black-white** *(9 Figures)*



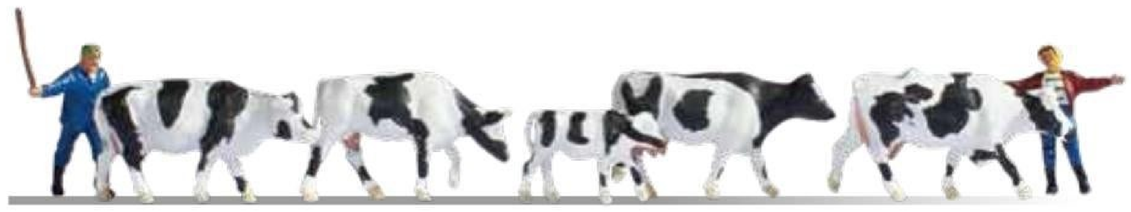
N **36722** **Cows, dark-brown** *(9 Figures)*

Colours, combinations and forms are subject to change without prior notice.



HO **15723** **Cows, brown-white**

N **36723** **Cows, brown-white** *(9 Figures)*



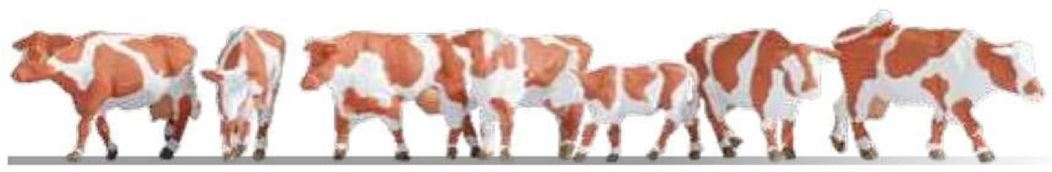
HO **15724** **Drover and Cows**



HO **15725** **Cows, black-white**



HO **16658** **Cows at Water Trough**



HO **15726** **Cows, brown-white**



HO **15727** **Cows, brown**



HO **15730** **Deer**

TT **45730** **Deer**

N **36730** **Deer** *(9 Figures)*



HO **15731** **Hunting**

TT **45731** **Hunting**



HO **15732** **Deer**





HO **15740** **Roe Deer**

1 G 0 HO TT N Z





H0 **15742** **Alpine Animals**



H0 **15745** **Forest Animals** *(12 Figures)*

TT **45745** **Forest Animals** *(9 Figures)*

N **36745** **Forest Animals** *(9 Figures)*





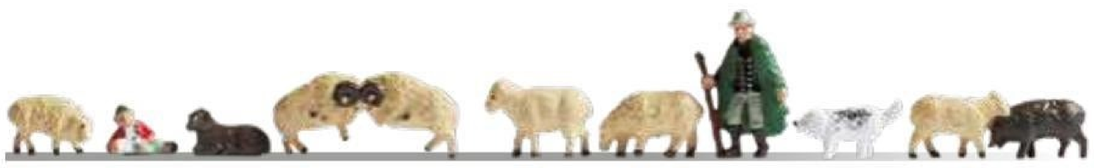
H0 **15748** **Sheep and Shepherd**

TT **45748** **Sheep and Shepherd**

N **36748** **Sheep and Shepherd**



H0 **15749** **Sheep**





TT **45750** **Shepherd and Sheep**

N **36750** **Shepherd and Sheep**



H0 **15752** **Goats**



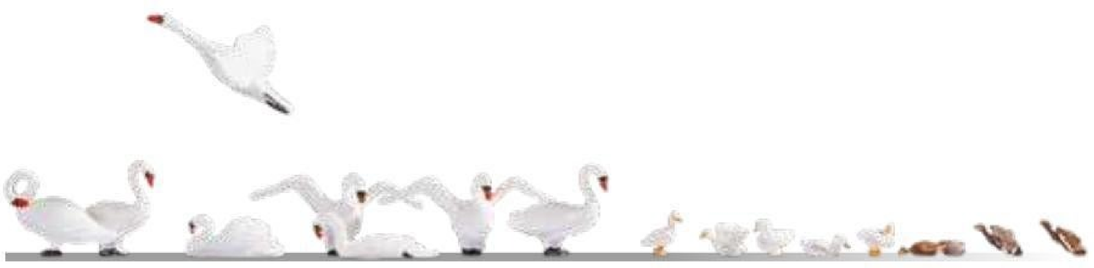
H0 **15761** **Horses**

TT **45761** **Horses**

N **36761** **Horses**



H0 **15772** **Chicken and Geese**





H0 **15774** **Swans and Ducks**



H0 **15775** **Birds**



Games, Hobbies and Leisure Time



HO **15810** Playing Children



HO **15809** Children

TT **45809** Children

N **36809** Children





HO **15815** Children

N **36815** Children



HO **15832** Beer Garden



HO **15833** At the Coffee Shop





HO **15834** Beverage Bar



HO **15838** Restaurant



HO **16732** Ice Cream Trailer

1 G 0 HO TT N Z



HO **15839** Music Band

N **36839** Music Band



HO **15841** Bathers

TT **45841** Bathers

N **36841** Bathers



HO **15842** Bathers

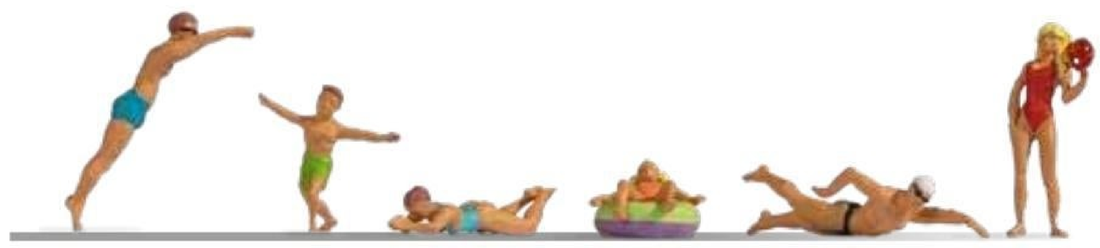


HO **15843** Nudists

N **36843** Nudists



HO **15844** Nudists



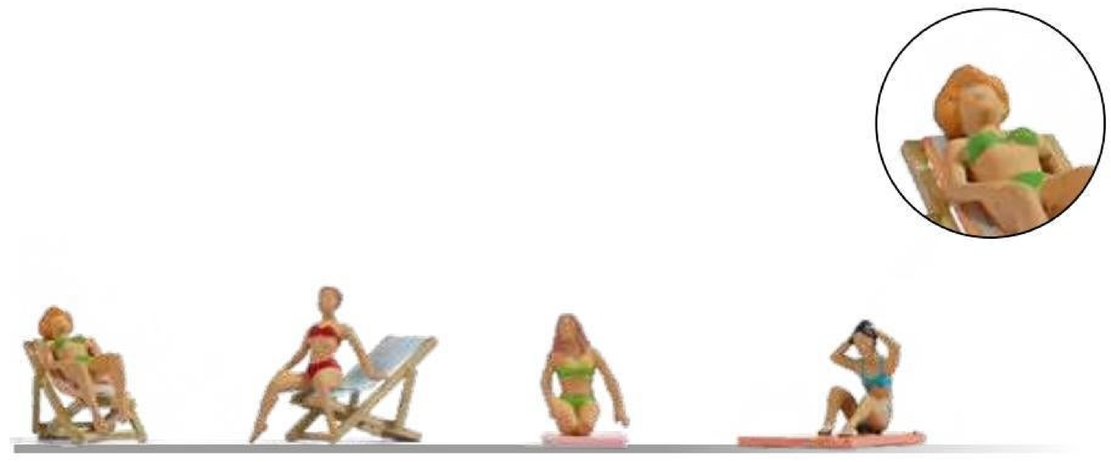
HO **15849** Bathers

TT **45849** Bathers

N **36849** Bathers



HO **15850** Bathers



HO **15851** Sunbathers

TT **45851** Sunbathers

N **36851** Sunbathers



HO **15853** Surfers



HO **15854** Water Sports



HO **15860** Wedding



HO **15861** Love Story



HO **15870** Wanderers

N **36870** Wanderers



HO **15871** Mountaineers

N **36871** Mountaineers

TT **45871** Mountaineers



HO **15876** Camping

TT **45876** Camping

N **36876** Camping



HO **15879** Scouts



HO **15561** Pee Break

TT **45561** Pee Break

N **36561** Pee Break





HO **15593** Barbecue Party

TT **45593** Barbecue Party

N **36593** Barbecue Party



HO **15965** Football Team

TT **45965** Football Team

N **36965** Football Team



HO **15966** Fans



Note: *H0 football players have shirt numbers.*



H0 **15979** **Football Team**

TT **45967** **Football Team**

N **36967** **Football Team**



H0 **15989** **Referees and Trainers**



H0 **15872** **Wanderers**



H0 **15873** **Wanderers**



H0 **15874** **Mountain Hikers with Cross**

TT **45874** **Mountain Hikers with Cross**

N **36874** **Mountain Hikers with Cross**



H0 **15880** **Tennis Players**



H0 **15885** **Golfers**



H0 **15886** **Paragliders**



H0 **15887** **Modellers**



H0 **15892** **Fishing**



H0 **15893** ***Fishing***



H0 **15897** ***Bicycle Racers***



H0 **15899** ***Mountainbikers***

H0 **15898** ***Cyclists***

TT **45898** ***Cyclists***

N **36898** ***Cyclists***



H0 **15904** ***Motorcyclists***

TT **45904** ***Motorcyclists***

N **36904** ***Motorcyclists***



H0 **15905** ***Motorcyclists***

TT **45905** ***Motorcyclists***

N **36905** ***Motorcyclists***



H0 **15910** ***Scooter Drivers***

N **36910** ***Scooter Drivers***



H0 **15911** ***Convertible Drivers*** *(without Legs, without Benches)*

Example of use





Perfect Sales Support for our Dealers

71194 ***Figures Counter Display***
112 hooks for maximum 560 Figures Sets;
diameter approx. 45 cm, height approx. 110 cm

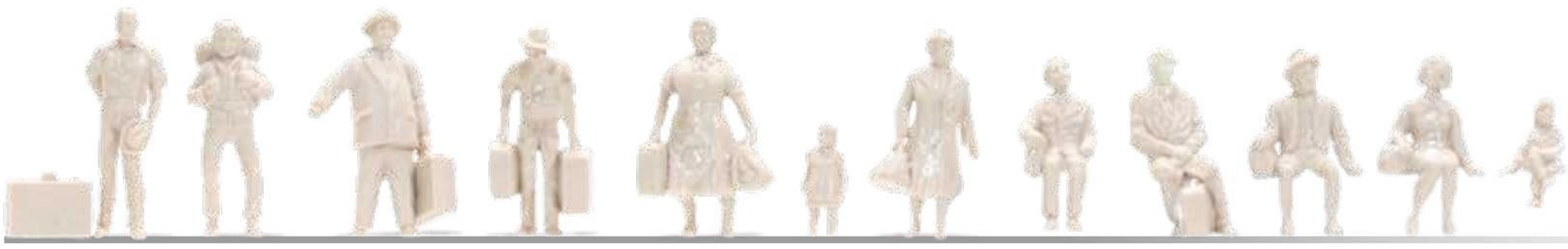
71195 ***Figures Floor Display***
152 hooks for maximum 760 Figures Sets;
diameter approx. 45 cm, height approx. 187 cm

Bring Colour into Play!

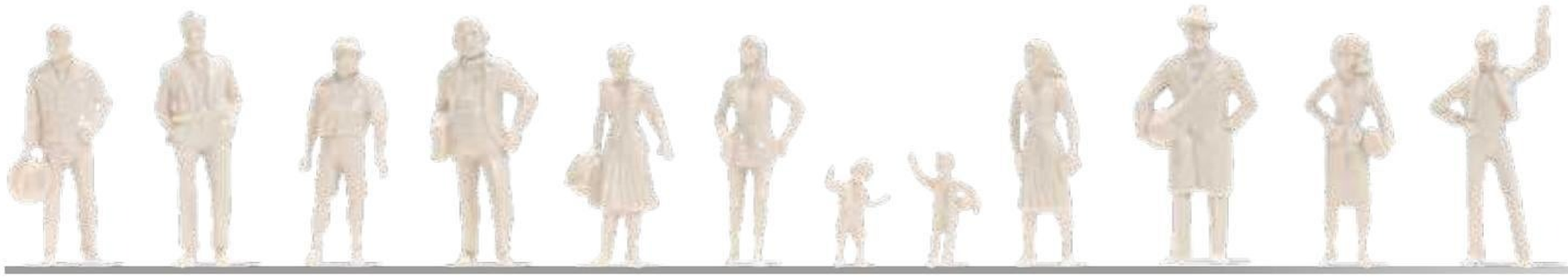
Unpainted Figures

Easily paint your figures yourself. We offer selected, unpainted NOCH Figures in favourable economy packs. The figures can simply be painted with commercial synthetic paints directly on the sprue.

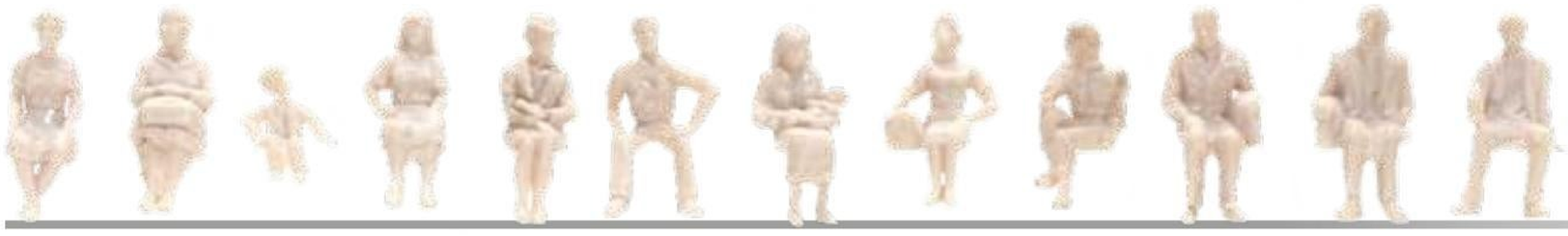
Highlights:
- Budget bulk packs
- Easy to paint on the sprue
- Figures in one piece no assembly required



»Passengers« Sprue



»Pedestrians« Sprue



»Sitting People« Sprue



H0 ***14985 Unpainted Figures***
72 pieces

TT ***44985 Unpainted Figures***
72 pieces

N ***35985 Unpainted Figures***
72 pieces

Contents:
- *2 sprues, each with 12 »Passengers« figures*
- *2 Sprues, each with 12 »Pedestrians« figures*
- *2 Sprues, each with 12 »Sitting People« figures*

Boats

The small, beautiful H0 and N crewed boats are a highlight of the NOCH range. Liven up your model waters with these lovely, realistic models. Come aboard!

Note: *the boats do not float.*





H0 **16824** ***Sailing Boat***



H0 **16800** ***Rowing Boat***



H0 **16805** ***Canoe***

N **37805** ***Canoe***



H0 **16809** ***Kayaks***

N **37809** ***Kayaks***



H0 **16810** ***Pedal Boat***



H0 **16815** ***Dinghy***

N **37815** ***Dinghy***



H0 **16818** ***White Water Rafting***



H0 **16820** ***Motorboat***



H0 **16822** ***Fishing Boat***

N **37822** ***Fishing Boat***



»Sexy Scenes«

The »Sexy Scenes« are definitely the most exciting figures in our assortment. Each »Sexy Scenes« pack consists of a pair of model lovers and matching accessories, such as a bed, desk, etc.

Since these products are quite »exceptional,« we've decided not to show them here. Instead, you can see an illustration. The rest we leave to your imagination...



H0 **15951** **Lovers in Action (bed)**



H0 **15952** **Lovers in Action (armchair)**



H0 **15953** **Lovers in Action (desk)**



H0 **15956** **Lovers in Action (chair)**

N **36951** **Lovers in Action (bed)**



H0 **15960** **Lovers in Action (bed)**



H0 **15961** **Lovers in Action (bench)**

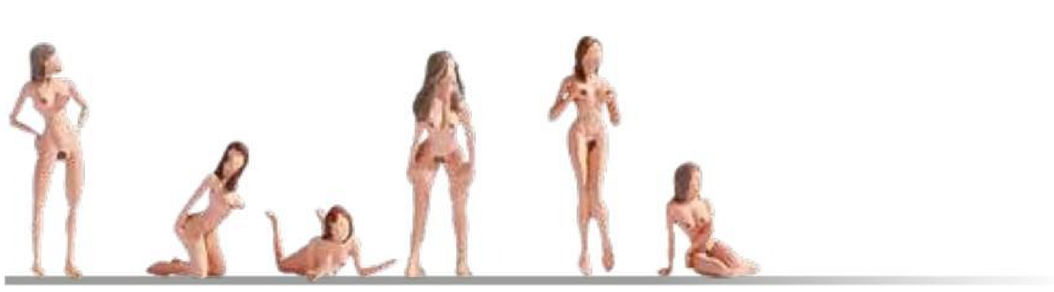


H0 **15962** **Lovers in Action (love seat)**





H0 **15957** **Sexy Ladies**



H0 **15958** **Nude Models**



H0 **15959** **Ladies of the Night**

N **36959** **Ladies of the Night**



Colours, combinations and forms are subject to change without prior notice.

In the Winter



HO **15616** Chopping Wood

TT **45616** Chopping Wood

N **36616** Chopping Wood



HO **15819** Children in Snow

TT **45819** Children in Snow

N **36819** Children in Snow



HO **15824** Ice Skaters

TT **45824** Ice Skaters

N **36824** Ice Skaters



HO **15826** Snowboarders



HO **15827** Skiers



HO **15828** Skiers

N **36828** Skiers



HO **15829** Skiers



HO **15920** Santa Claus and Angels



HO **15923** St Nicholas‘ Evening



HO **15924** Santa Claus with Sleigh



HO **15926** Christmas Market

N **36926** Christmas Market



HO **15927** Selling Christmas Trees

TT **45927** Selling Christmas Trees

N **36927** Selling Christmas Trees



HO **15928** Winter Work



HO **15930** Family Meier in Wintertime

1 G 0 HO TT N Z

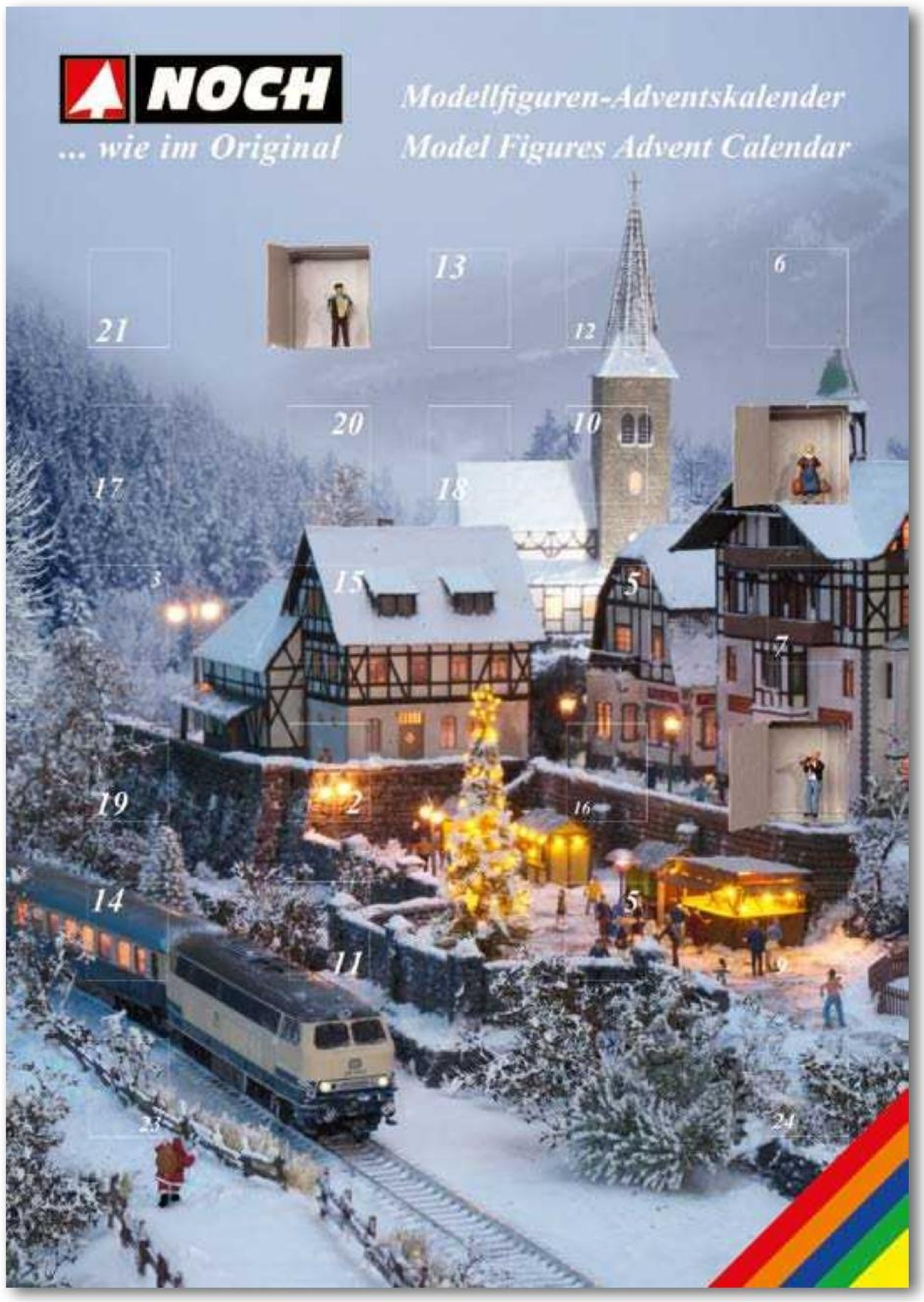




HO **15922** ***Manger Figures***

Model Figures Advent Calendar

Despite all the mince pies and chocolate, you can watch your figure with our Advent Calendar! Behind the doors are lovingly designed NOCH Figures waiting to be placed on your model landscape a great gift for every railway modeller! The Advent Calendar comes in A3 format.



HO **15993** ***Figures Advent Calendar***
24 figures

TT **45993** ***Figures Advent Calendar***
24 figures

N **36993** ***Figures Advent Calendar***
24 figures

New figures every year!



Paste the Temporary Glue on the figure and briefly allow to dry.



When the glue is transparent, stick the figure onto the desired spot.

Temporary Glue

NOCH Temporary Glue allows you to optimally fix small parts onto your landscape and take them off again!
NOCH Temporary Glue is water-soluble, dries out transparent and leaves no residue on the surface. That's why it is ideal for affixing figures, cars, houses and many more.



For a »change of scene«, simply take the figure off...



...and place it on another spot again.



61121 ***Temporary Glue***
30 g

Themed Figures Sets

A model landscape is and remains a small, intact world that we can create as we like. Completing our wide figures range, we have developed the product line: NOCH Themed Figures!

Each theme contains figures and extensive, finely detailed accessories that allow you to design your favourite scenes in your model world to your heart s content. All parts are intricately painted by hand and enhance every model landscape.







HO **16200** ***Themed Figures Set »Barbecue Party«***

Contents: 5 Figures, 1 Dog, 2 Kettle Barbecues
1 Gas Barbecue, 1 Barbecue Smoker
1 Beer Barrel, 1 Beer Table, 2 Beer Benches
2 Camping Chairs, 1 Camping Table
1 Beer Crate (Empty)





HO **16201** ***Themed Figures Set »Camping«***

Contents: 4 Figures, 1 Campfire
2 Rucksacks
1 Ridge Tent, 1 Igloo Tent
1 Camping Table
2 Camping Chairs (Unfolded)
1 Camping Chair (Folded)
2 Signposts, 1 Beer Crate
1 Stone Well, 1 Wooden Well







HO **16205** ***Themed Figures Set »Bathing«***

Contents: 6 Figures
1 Wicker Beach Chair
2 Deckchairs
2 Sunloungers
2 Parasols (Unfolded)
1 Parasol (Folded)



1 G 0 **HO** TT N Z







H0 **16210** ***Themed Figures Set »In the Mountains«***

Contents: 6 Figures, 1 Summit Cross, 1 Well
2 Wayside Crosses, 2 Hiking Signposts
1 Wooden Bench with Backrest
1 Table, 2 Benches
1 Hiking Information Board with Map





H0 **16215** ***Themed Figures Set »In the Garden«***

Contents: 6 Figures, 2 Garden Chairs
1 Kettle Barbecue
1 Wrought Iron Garden Bench
1 Wooden Bench, 1 Table, 1 Garden Chair
1 Wheelbarrow, 1 Folding Table (Square)
1 Watering Can, 1 Terracotta Tub (Round)
1 Terracotta Tub (Square)







H0 **16220** ***Themed Figures Set »Winter's Day«***

Contents: 6 Figures, 2 Bobsleighs
2 Wooden Sledges, 2 Snowmen
1 Snow Blower
1 Snow Shovel (Small)
1 Snow Shovel (Large)
1 Sleigh Shovel
1 Snowboard
1 Ski Stand with Skis



XL Figures Sets for Your Little World!

XL Figures Sets

Design your model landscape however you like with the XL Sets!





HO **16101** ***XL Figures Set »Travellers«***
24 Figures



HO **16109** ***XL Figures Set »At Work«***
24 Figures



HO **16121** ***XL Figures Set »At the Station«***
24 Figures



HO **16130** ***XL Figures Set »Sitting People«***
24 Figures (without Benches)

Perfect Sales Support for our Dealers

NOCH Figures Display Stands

The Figures Display Stands are ideal for presenting NOCH Figures in your specialist store. The sturdy, revolving Figures Counter Display for up to 560 figures sets is meant to sit on your shop counter.
The revolving Figures Floor Display holds a maximum of 760 figures sets. Thanks to its five castors, it can be used in your shop in particularly flexible ways. Two castors are lockable. For the Figures Floor Display, the bottom six rows are for large boxes; for the Figures Counter Display, the bottom five rows.



71194 ***Figures Counter Display***
112 hooks for maximum 560 Figures Sets;
diameter approx. 45 cm, height approx. 110 cm

71195 ***Figures Floor Display***
152 hooks for maximum 760 Figures Sets;
diameter approx. 45 cm, height approx. 187 cm

Populate Your Model World!

Mega Economy Figures Sets

Best value!

With the Mega Economy Figures Sets, you can bring train platforms, cities, carriages and the landscape to life for a favourable price.

Create your own little world with lovingly hand-painted figures there s no limit to your imagination.



H0 **16041** ***Mega Economy Set »At the Station«***
30 Figures



H0 **16043** ***Mega Economy Set »In the City«***
30 Figures



H0 **16045** ***Mega Economy Set »Sitting People«***
30 Figures, without Benches



H0 **16049** ***Mega Economy Set »Animals«***
36 Figures



H0 **16050** ***Mega Economy Set »Passengers«***
30 Figures, without Legs, without Benches





Join the Hustle and Bustle!

Mega Economy Figures Sets

It has never been easier nor more favourable to breathe life into your model scenes. Each set contains 60 elaborately hand-painted sitting or standing figures. The figures lend themselves perfectly to the brightening up of railway station or city scenes.

60 Figures at amazing prices!





HO **16070** ***Mega Economy Figures Set***
60 Figures, without Benches

TT **46070** ***Mega Economy Figures Set***
60 Figures, without Benches

N **37070** ***Mega Economy Figures Set***
60 Figures, without Benches



H0 **16071** ***Mega Economy Set »Sitting People«***
60 Figures, without Benches

TT **46071** ***Mega Economy Set »Sitting People«***
60 Figures, without Benches

N **37071** ***Mega Economy Set »Sitting People«***
60 Figures, without Benches





H0 **16072** ***Mega Economy Set »Sitting Passengers«***
60 figures (without legs, without benches)



Simply Painted for a Budget Price!

NOCH Hobby Figures

NOCH Hobby Figures are the first choice when it comes to populating reasonably-priced squares, platforms, parks, carriages, etc. The Hobby Figures are painted in a simpler way than the »normal« NOCH Figures which is reflected in the very favourable price. The figures are available for the common gauges of H0, TT and N.



The particularly reasonably-priced NOCH Hobby Figures can be recognised by their red packaging.



HO **18100** ***Pedestrians***

TT **47100** ***Pedestrians***

N **38100** ***Pedestrians***



HO **18101** ***Pedestrians***

TT **47101** ***Pedestrians***

N **38101** ***Pedestrians***



HO **18115** ***Passengers***

TT **47115** ***Passengers***

N **38115** ***Passengers***



HO **18116** ***Passengers*** *(without Benches)*

TT **47116** ***Passengers*** *(without Benches)*

N **38116** ***Passengers*** *(without Benches)*





HO **18130** ***Sitting People*** *(without Benches)*

TT **47130** ***Sitting People*** *(without Benches)*

N **38130** ***Sitting People*** *(without Benches)*





HO **18131** ***Sitting People*** *(without Benches)*

TT **47131** ***Sitting People*** *(without Benches)*

N **38131** ***Sitting People*** *(without Benches)*



HO **18000** ***Police Officers***





HO **18010** ***Railway Officials***



HO **18117** ***Passengers***



HO **18132** ***Sitting People*** *(without Benches)*



HO **18210** ***Shepherd and Sheep***



HO **18215** ***Horses***

1 G 0 H0 TT N Z

Hobby Figures Mega Economy Set

Best value!

It doesn't get more economic than this! Each Hobby Figures Mega Economy Set contains 60 hand-painted model railway figures. The painting of the Hobby Figures is less detailed compared to the normal NOCH Figures. These particularly economical figures are perfect for designing village or city squares.





H0 **18402** ***Mega Economy Set »Sitting People«***
60 Figures, without Benches

TT **47402** ***Mega Economy Set »Sitting People«***
60 Figures, without Benches

N **38402** ***Mega Economy Set »Sitting People«***
60 Figures, without Benches





H0 **18401** ***Mega Economy Figures Set***
60 Figures, without Benches

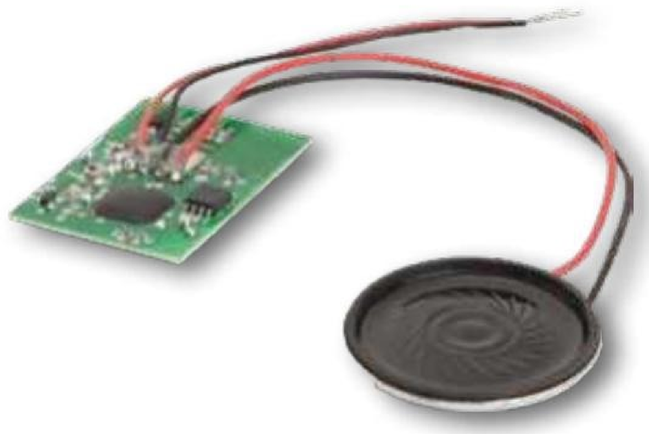
TT **47401** ***Mega Economy Figures Set***
60 Figures, without Benches

N **38401** ***Mega Economy Figures Set***
60 Figures, without Benches

Let‘s Make Some Sound!

Sound Scenes

Breathe some life into your model landscape! Due to the compact design of the electronics and loudspeakers, the sound in the NOCH Sound Scenes originates from the same place as in the real thing. The electronics, which come ready to be connected, can thus be installed in churches, or the building block for street musicians can be placed directly in a city building next to the band. You will be surprised how realistic a noise sounds when it's in the middle of the action. The connection is via a standard 16 V model railway transformer. The sound lasts approx. 20 seconds. Suitable for AC and DC power supply.





»Der Zug fährt ab!«



*The following typical platform noises and sounds are heard: train whistle, squeaking brakes, locomotive noises and the announcements »Beware of the approaching train!« and »This train will now depart!«. **Note:** announcements only in German.*

H0 ***12800 On the Platform***

TT ***12900 On the Platform***

N ***12950 On the Platform***



»Doogle de doo«



A typical barrel organ piece is heard.

H0 ***12820 Street Musicians***

TT ***12905 Street Musicians***

N ***12955 Street Musicians***



»Booooooooohhhh! ...«



Makes the sound of several alphorns playing.

H0 ***12821 Alphorn Blowers***



1 **G** **0** **H0** **TT** **N** **Z**





A telephone rings, the foreman calls his men and shortly afterwards the siren goes off.
Note: *announcements only in German.*

H0 **12842** ***Fire Brigade Operation***





Makes the sound of a chainsaw with a starter.

H0 **12843** ***Felling Trees***





The following typical farm noises and sounds are heard: cows mooing, birds tweeting, sheep baaing and hens clucking.

H0 **12850** ***On the Farm***

TT **12910** ***On the Farm***

N **12960** ***On the Farm***





The mooing of »happy cows« in a meadow is heard.

H0 **12851** ***Cow Pasture***

»Woof, woof, grrr ...«



Makes the sound of a guard dog barking.

HO **12852** **Dogs**



»Ding-Dong«



A typical church bell rings.

HO **12860** **At the Church**



»Dum dum da dum, dum dum da dum ...«



Plays the Wedding March.

HO **12861** **Wedding**



»Alle Jahre wieder ...«

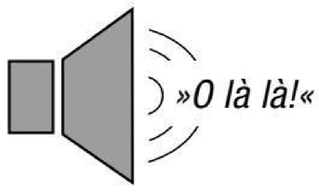


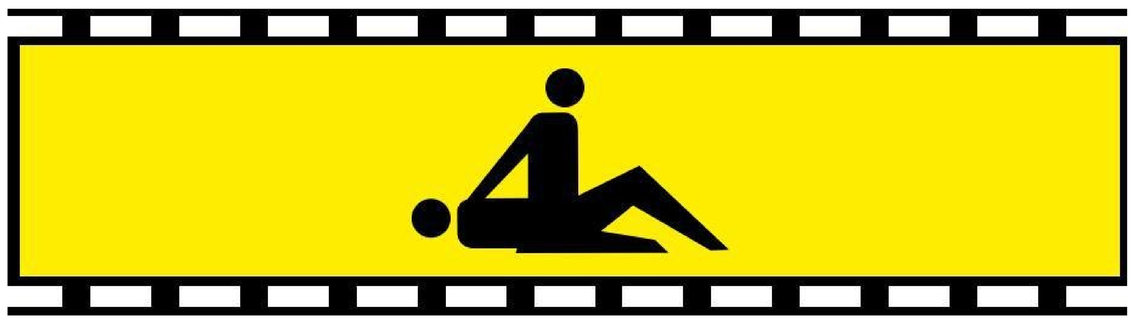
The melody of the traditional German Christmas carol »Alle Jahre wieder« is played by a brass band.

HO **12897** **Christmas**









A typical »sexy sound« is heard let yourself be surprised!

H0 **12899** ***Sexy Sounds***



Get Connected!

Telegraph Poles

To this day, telegraph (or telephone) poles characterise railway embankments and lines. They can still be found alongside the tracks and enable reliable communication over distances.
The poles are hand-painted and their level of detailing is captivating.
Enclosed with the product is a special 2 m-long, flexible cable.



H0 **13160** ***Telegraph Poles***
4 pieces incl. 2 m line

Small Scenes, Great Effects!

Deco Scenes

NOCH's Deco Scenes make your model landscape look even more realistic. Whether it's a building site, bus stop, allotment or forest, the Deco Scenes liven up every model landscape. Each set contains a small, ready-made laser-cut building as well as figures to match the theme.



Highlights

- *High-quality Laser-Cut Kits*
- *Completely pre-assembled, ready-to-use*
- *With elaborately hand-painted figures*





HO **12010** ***Construction Site***

1 G O **HO** TT N Z





HO **12011** *Track Construction*





HO **12015** *At the Bus Stop*





HO **12020** *On the Platform*





HO **12025** *At the Kiosk*





HO **12026** *At the Christmas Market*



HO **12035** *In the Garden Plot*





HO **12040** *On the Farm*





HO **12042** *Cattle Shelter*





HO **12045** *In the Forest*





HO **12046** *Forest Work*



1 G 0 HO TT N Z

Accessory Sets

If you value designing realistic theme-based scenes, you'll find a ton of ideas in the NOCH range: from children's playgrounds to furniture to different flowerpots. Each set contains a variety of hand-painted accessories on every theme.

Liven up your model landscape with the accessory sets from NOCH because it's often the little things that can have the biggest effect!







H0 **14800** ***Garden Tools***

Contents: Clothes Line, Carpet-Beating Stand, various Plant Tubs and Watering Cans Hedge Clippers, Hand Saw, Wheelbarrow, Shovel, Lawnmower, Garden Hose, Rake Spade, Hoe, Scythe and Broom





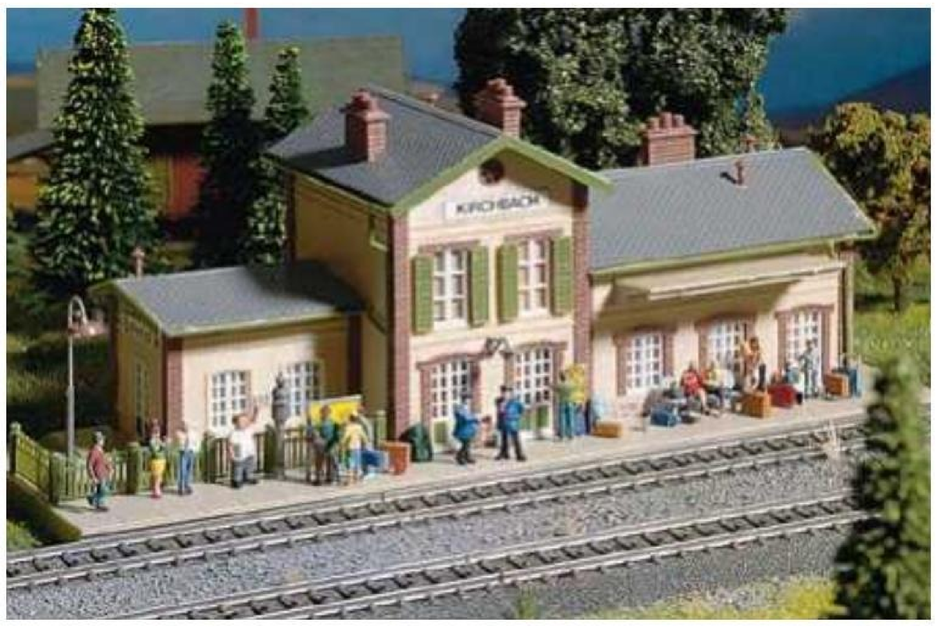
H0 **14805** ***Road Building Tools***

Contents: Mound of Sand, Jackhammer, Warning Signs, Cones, Lane Closure Signals Tamper, Pickaxe, Wheelbarrow, various Brooms and Shovels, Bucket



HO **14810** ***Train Station***

Contents: Noticeboard, Bench, various Suitcases, Backpacks, Bags, Luggage Trolley Baskets, Hand Luggage





HO **14814** ***Playground Accessories***

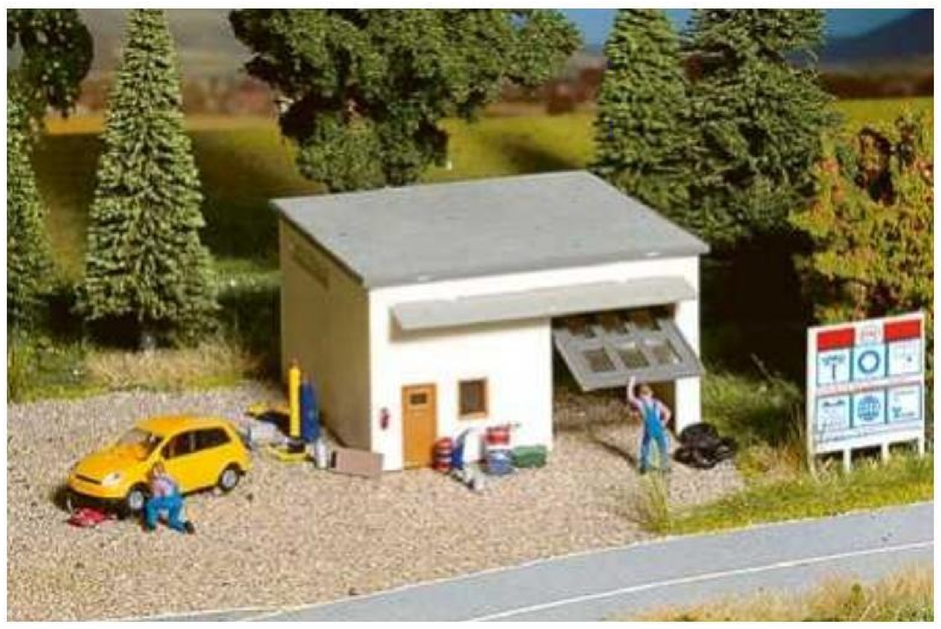
Contents: Table Tennis Table, Climbing Mushroom, Slide, Tent, Pram, Children s Tractor, Push Scooter and Bicycle





HO **14815** ***Auto Workshop***

Contents: Gas Bottles, Cart for Gas Bottles, Drum Pump, Hand Carts, Car Jack Bucket, Fire Extinguisher, Watering Can, Tool Kit, Toolboxes, Oil Drums Oxygen Cylinders, Wheel, Tyres, Sack Barrow, Roll Plate and Car Battery





HO **14817** ***Beer Garden Accessories***

Contents: 12 Beer Benches, 6 Beer Tables and 3 Parasols





HO **14822** ***Restaurant***

Contents: 8 Chairs, 5 Tables and 1 A-Board







HO **14824** ***Coffee Shop***

Contents: 8 Chairs, 4 Tables and 1 Ice Cream Counter





HO **14825** ***Waste Containers & Ashcans***

Contents: 2 Dustbins, various Rubbish Bins, Bottle Bank, Metal Recycling Bin and Skip





HO **14832** ***Furnitures***

Contents: Living Room Cabinet, Sofa, Television, Kidney-Shaped Table, 2 Armchairs Painting, Wardrobe, Bed, Dressing Table and Bedside Table

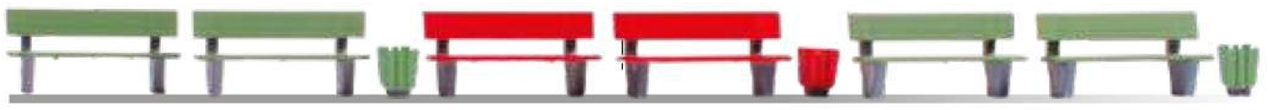




HO **14833** ***Furnitures***

Contents: Refrigerator, Kitchen Sideboard, Gas Stove, Electric Stove, Oven Washing Machine, Kitchen Cupboard, Dining Table and 3 Chairs





HO **14848** ***Benches***

Contents: 4 Green Benches, 2 Red Benches and 3 Wasterpaper Baskets

TT **46848** ***Benches***

Contents: 4 Green Benches, 2 Red Benches and 3 Wasterpaper Baskets

N **35848** ***Benches***

Contents: 4 Green Benches, 2 Red Benches and 3 Wasterpaper Baskets



HO **14849** ***Benches***
Contents: 6 Benches

TT **46849** ***Benches***
Contents: 6 Benches

N **35849** ***Benches***
Contents: 6 Benches



HO **14851** ***Benches***
Contents: 4 Benches, 1 Circular Bench



HO **14870** ***Christian Symbols***
Contents: 2 Roadside Shrines, 3 Crosses, 1 Statue



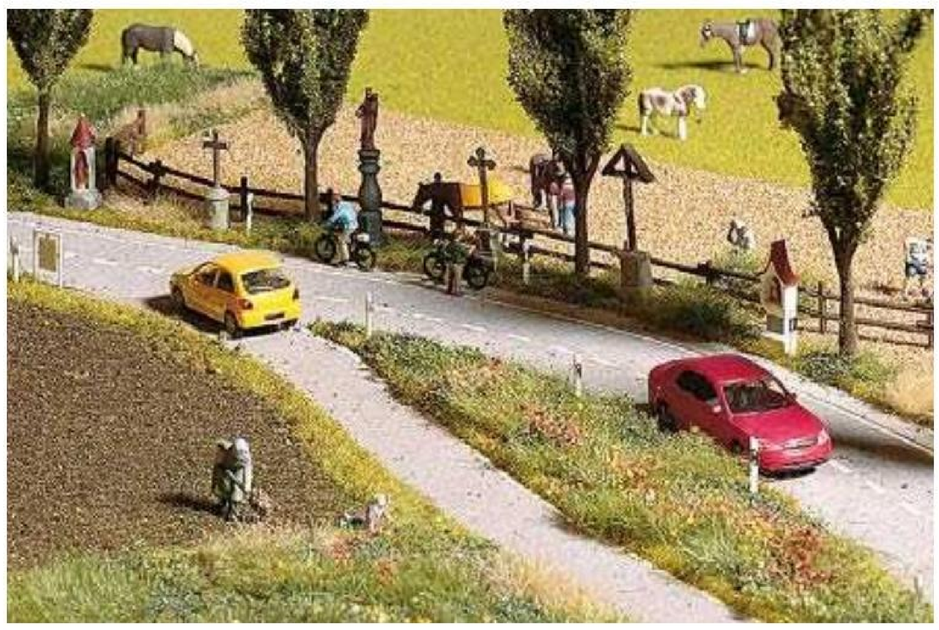
HO **14871** ***Gravestones***
Contents: 6 Gravestones



HO **14872** ***Tomb Monuments and Statues***
Contents: 5 Statues, 2 Tombs, 4 Pillars



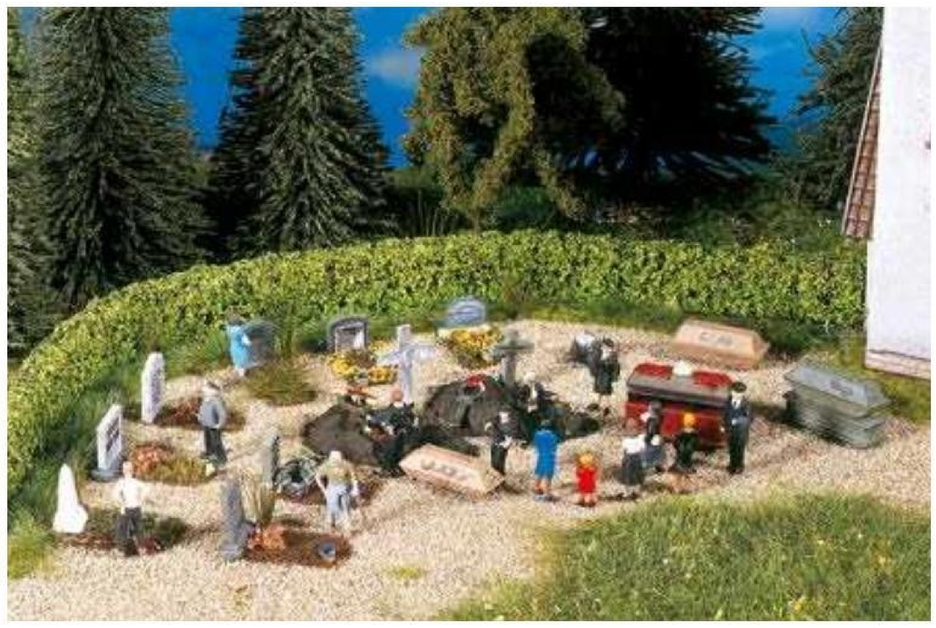








1 G 0 HO TT N Z





H0 **14874** ***Funeral Accessories***

Contents: Coffin Carriage with Coffin, adorned with Flowers
Sandstone Sarcophagus, 2 Coffins with Flowers





H0 **14885** ***Flowerpots***

Contents: 27 Flowerpots and Troughs





H0 **14890** ***Maypole***

21 cm high

Figures to Match:



H0 **15578** ***People in traditional costume***



H0 **15832** ***Beer Garden***



For the Perfect Decoration

Ornamental Plants

The elaborately hand-crafted ornamental plants are lovely decorative objects for parks, buildings, pedestrian zones, gardens and much more.





H0 **14012** ***Ornamental Plants in Pots***
9 flower pots

N **14080** ***Ornamental Plants in Pots***
(illustration similar) 9 flower pots



H0 **14021** ***Thuja***
6 pieces



H0 **14023** ***Mediterranean Plants***
3 pieces



H0 **14031** ***Flowers in Pots***
9 flower pots

N **14084** ***Flowers in Pots***
9 flower pots



H0 **14020** ***Ornamental Plants in Tubs***
3 flower pots



H0 **14022** ***Rose Arch***
4 pieces (1 x Rose Arch, 2 x Thuja, 1 x Rose)



H0 **14024** ***Palms***
3 pieces



N **14082** ***Ornamental Plants in Tubs***
9 flower tubs

1 G 0 H0 TT N Z

Gardening can be so easy!

Deco Minis

Deco Minis are prefabricated small vegetable plots at the size of 3 cm x 6 cm equipped with different plants. The Deco Minis are simply removed from their packaging and glued onto the model landscape.

The new Bed Edgings are practical and pretty. The set contains laser-cut items to border two attractive vegetable or flowerbeds.



H0 **13214** **Bed Edgings**
2 pieces, each 6.5 cm x 4 cm



H0 **13215** **Tomato Plants**
6 plants, 3 cm x 6 cm



H0 **13216** **Cauliflower**
16 plants, 3 cm x 6 cm



H0 **13217** **White Cabbage**
16 plants, 3 cm x 6 cm



H0 **13218** **Red Cabbage**
16 plants, 3 cm x 6 cm



H0 **13219** **Pumpkin**
8 plants, 3 cm x 6 cm



H0 **13220** **Cabbage Turnip**
12 plants, 3 cm x 6 cm



H0 **13221** **Beetroot**
12 plants, 3 cm x 6 cm



H0 **13222** **Leek**
12 plants, 3 cm x 6 cm



H0 **13223** **Rose Bed**
12 plants, 3 cm x 6 cm



H0 **13224** **Vines with Black Grapes**
2 rank frames, 3 cm x 6 cm



H0 **13225** **Tendril**
2 rank frames, 3 cm x 6 cm

Painted Fences

Super realistic!

With seven different replicas of wooden fences and a metal fence, you will find a nice selection of hand-painted NOCH fences. Thanks to their elaborate painting, the models look as detailed as the originals! You can put into effect a wide variety of fence shapes with these elements, which can be combined in multiple ways.

Depending on the type of fence, you can find straight pieces, garden gates, drives, crumbled fence parts and much more. Some of the most beautiful fence models that we have are also available for fans of TT and N gauges.





H0 **13010** ***Field Fence***
18 pieces, 1.2 cm high
in total approx. 100 cm long

N **33010** ***Field Fence***
18 pieces, 0.7 cm high
in total approx. 58 cm long





H0 **13015** ***Rail Fencing***
18 pieces, 1.4 cm high
in total approx. 97 cm long





H0 **13030** ***Field Fence***
12 pieces, 1.3 cm high
in total approx. 100 cm long

TT **43030** ***Field Fence***
12 pieces, 0.9 cm high
in total approx. 80 cm long

N **33030** ***Field Fence***
12 pieces, 0.7 cm high
in total approx. 60 cm long





H0 **13040** ***Field Fence***
13 pieces, 1.3 cm high
in total approx. 100 cm long





H0 **13060** ***Abandoned Fence***
24 pieces, 1.6 cm high
in total approx. 91 cm long

TT **43060** ***Abandoned Fence***
24 pieces, 0.9 cm high
in total approx. 65 cm long

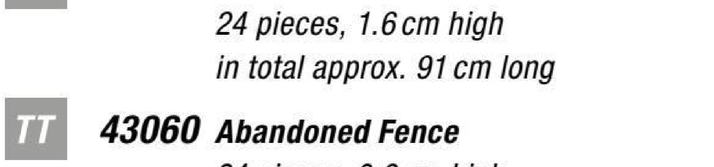




H0 **13070** ***Garden Fence***
22 pieces, 1.2 cm high
in total approx. 91 cm long

TT **43070** ***Garden Fence***
22 pieces, 0.9 cm high
in total approx. 71 cm long

N **33070** ***Garden Fence***
22 pieces, 0.7 cm high
in total approx. 55 cm long



H0 **13080** ***Garden Fence***
18 pieces, 1.3 cm high
in total approx. 97 cm long



H0 **13100** ***Residential Fence***
14 pieces, 3.1 cm high
in total approx. 84 cm long

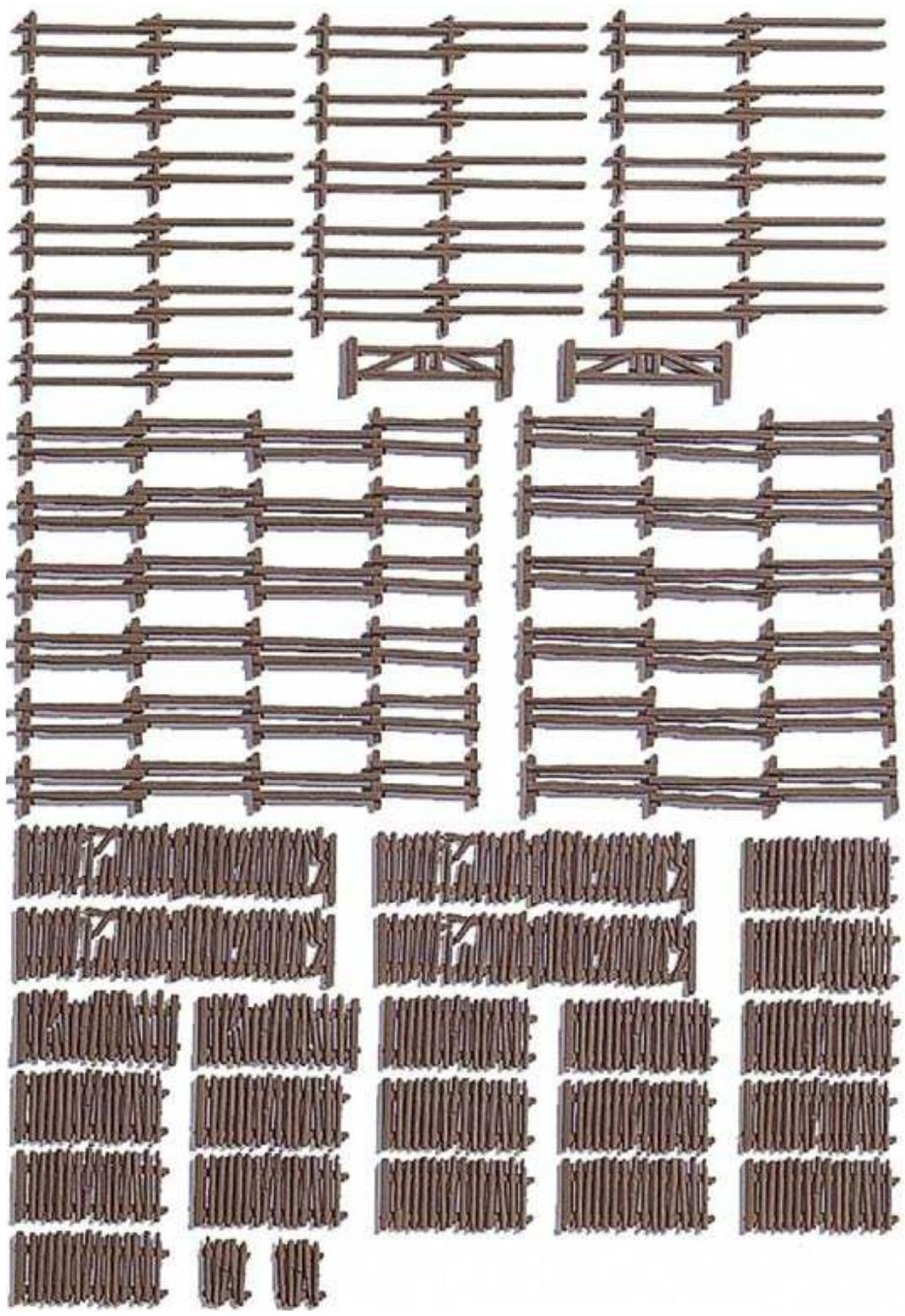


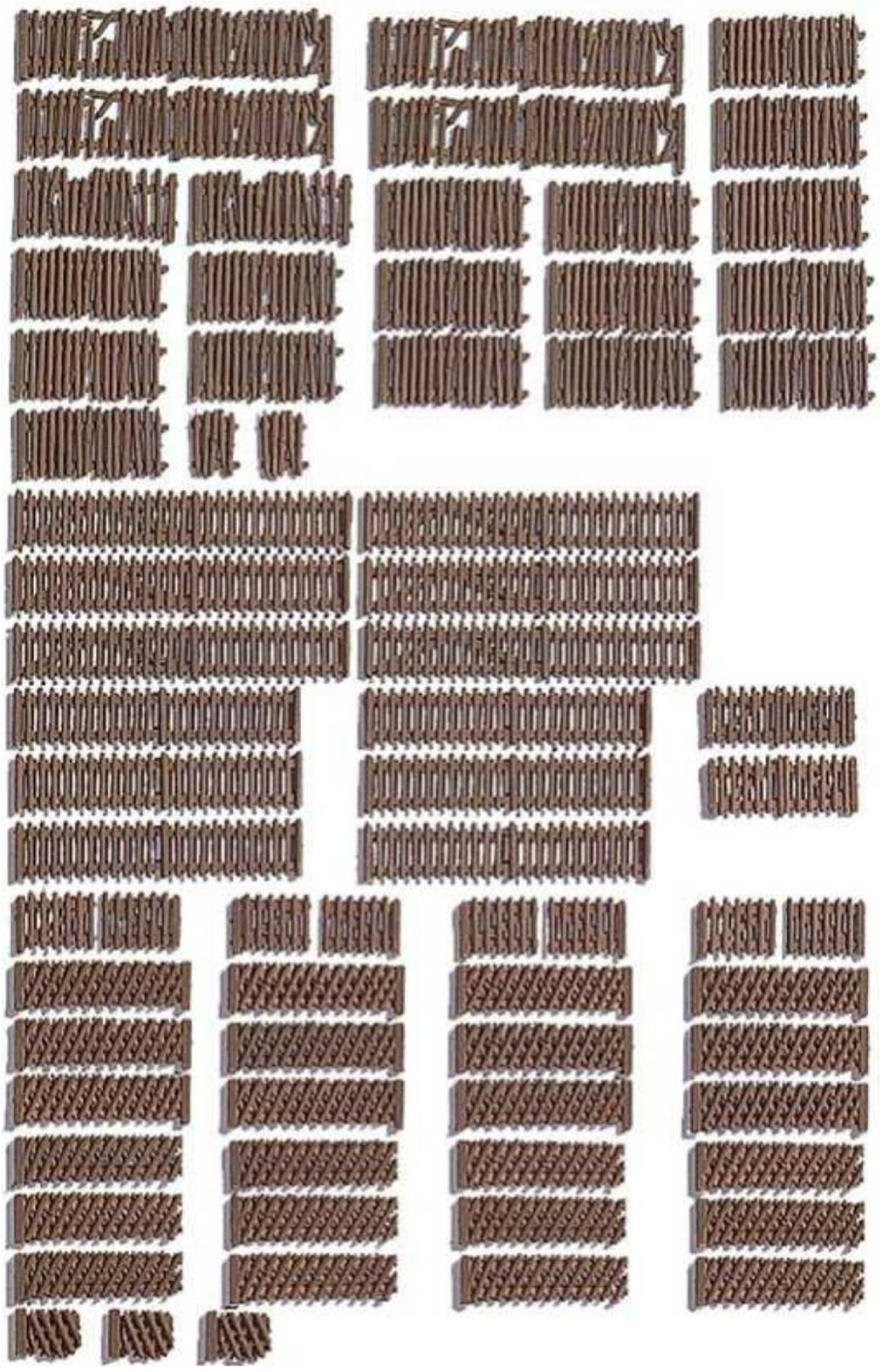
Fences Economy Packs

Best value!

The popular, high-quality NOCH Fences are also available unpainted in the cost-effective economy packs. Each H0 set contains fences with a total length of over 250 cm (TT set over 200 cm; N set over 150 cm). Equipping your model railway with realistic-looking model fences has never been so economic!







H0 **13095** **Country Fences**

TT **43095** **Country Fences**

N **33095** **Country Fences**

H0 **13096** **Garden Fences**

TT **43096** **Garden Fences**

N **33096** **Garden Fences**

Fences Economy Packs			
Ref.	**Description**	**Contents**	**Gauge**
13095	Country Fences	53 sections; total length approx. 290 cm	H0
43095	Country Fences	53 sections; total length approx. 220 cm	TT
33095	Country Fences	53 sections; total length approx. 170 cm	N

Fences Economy Packs			
Ref.	**Description**	**Contents**	**Gauge**
13096	Garden Fences	72 sections; total length approx. 270 cm	H0
43096	Garden Fences	72 sections; total length approx. 200 cm	TT
33096	Garden Fences	72 sections; total length approx. 150 cm	N

Colours, combinations and forms are subject to change without prior notice.

Over 500 Unique Figures

Also Available Individually!

Have you always dreamed of putting your model figures together individually? Figure by figure, without being tied to a set? This is now possible with the NOCH Individual Figures! Here, we show you a small selection from our large assortment of individual H0 Figures. You can find the complete range online at ***www.modellfiguren.de*** *(in German).*

You can choose single figures from this range and order them as the mood takes you. Just visit our online shop! You can either print out the PDF order form and hand it over to your NOCH dealer or buy directly online.

You can of course also select the desired figures on the following pages and order them from your NOCH dealer.
And to make shopping for your figures even more fun,
every 11th figure is free.

Info Tip:
How to order NOCH Individual Figures

Order the figures directly from your local NOCH dealer or online at www.modellfiguren.de.



H0 **1572101**
Cow
»Gerti«



H0 **1572102**
Cow
»Rosi«



H0 **1572103**
Cow
»Paula«



H0 **1572105**
Cow
»Linda«



H0 **1572106**
Cow
»Lea«



H0 **1571302**
Cow
»Rita«



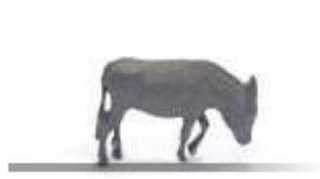
H0 **1571303**
Horse
»Quendy«



H0 **1571304**
Foal
»Randa«



H0 **1571305**
Horse
»Dante«



H0 **1571306**
Donkey
»Apollo«



H0 **1571307**
Pony
»Miss Dixie«



H0 **1571308**
Horse
»Gallardo«



H0 **1571309**
Ox
»Oskar«



H0 **1576102**
Horse
»Blue«



H0 **1576103**
Horse
»Amadeus«



H0 **1576104**
Pony
»Starlet«



H0 **1576105**
Horse
»Sissi«



H0 **1576106**
Horse
»Aurora«



H0 **1576107**
Horse
»Mousette«



H0 **1576108**
Horse
»Mississippi«



H0 **1576109**
Horse
»Luzi«



H0 **1589801**
Cyclists
»Benno«



H0 **1589802**
Cyclists
»Berni and Ralf«



H0 **1589803**
Cyclists
»Beria«



H0 **1556001**
Toilet Stories with *»Barin«*



H0 **1556002**
Toilet Stories with *»Joh«*



H0 **1556003**
Toilet Stories with *»Michaela«*



H0 **1556004**
Toilet Stories with *»Sarah and Drex«*



H0 **1557401**
Calling
»Lisa«



H0 **1557402**
Calling
»Vincent«

1 G 0 **H0** TT N Z



HO **1508201**
Traffic Policeman
»David«



HO **1508202**
Traffic Policeman
»Marcel«



HO **1508203**
Traffic Policeman
»Rudolf«



HO **1508204**
Traffic Policeman
»Otto«



HO **1508205**
Traffic Offender
»Hugo«



HO **1508206**
Traffic Policeman
»Hannes«



HO **1508301**
Traffic Policeman
»Timo«



HO **1508302**
Traffic Policeman
»Marco«



HO **1508303**
Traffic Policeman
»Florian«



HO **1508304**
Traffic Policeman
»Julius«



HO **1508305**
Traffic Offender
»Oscar«



HO **1508306**
Traffic Policeman
»Bernd«



HO **1508501**
Postman
»Herbert«



HO **1508502**
Postman
»Emil«



HO **1508503**
Postman
»Friedrich«



HO **1508504**
Postman
»Gabriel«



HO **1508505**
Postman
»Hubert«



HO **1588705**
Modeller
»Werner«



HO **1508801**
Postman
»Manfred«



HO **1508802**
Postman
»Leo«



HO **1508803**
Postman
»Ferdinand«



HO **1508804**
Postman
»Magnus«



HO **1508805**
Postman
»Urs«



HO **1509002**
Police Officer
»Liam«



HO **1509003**
Police Officer
»Eva«



HO **1509004**
Police Officer
»Karla«



HO **1509005**
Police Officer
»Dirk«



HO **1509006**
Police Officer
»Georg«



HO **1509007**
Police Officer
»Konstantin«



HO **1509102**
Police Officer
»Luis«



HO **1502901**
City Cleaner
»Gottlob«



HO **1502902**
City Cleaner
»Friedrich«



HO **1502903**
City Cleaner
»Beppo«



HO **1502904**
City Cleaner
»Benjamin«



HO **1502905**
City Cleaner
»Karl«



HO **1502906**
City Cleaner
»Walter«



HO **1510801**
Motor Mechanic
»Rolf«



HO **1510802**
Motor Mechanic
»Hans«



HO **1510803**
Motor Mechanic
»Arnold«



HO **1510804**
Motor Mechanic
»Markus«

HO **1510805**
Motor Mechanic
»Frank«

HO **1510806**
Motor Mechanic
»Alex«





HO **1511001**
Construction Worker
»Hans«



HO **1511002**
Construction Worker
»Otto«



HO **1511003**
Construction Worker
»Karl«



HO **1511004**
Construction Worker
»Egon«



HO **1511005**
Construction Worker
»Franz«



HO **1511006**
Construction Worker
»Klaus«



HO **1521801**
Passenger
»Anne«



HO **1521802**
Passenger
»Ewald«



HO **1521803**
Passenger
»Margret«



HO **1521805**
Passenger
»Tom«



HO **1521806**
Passenger
»Hans«



HO **1521901**
Passenger
»Käthe«



HO **1521902**
Passenger
»Pierre«



HO **1521903**
Passenger
»Lola«



HO **1521904**
Passenger
»Daniel«



HO **1521905**
Passenger
»Helga«



HO **1521906**
Passenger
»Lukas«



HO **1522001**
Passenger
»Sofia«



HO **1522002**
Passenger
»Peter«



HO **1522003**
Passenger
»Moni«



HO **1522004**
Passenger
»Martin«



HO **1522005**
Passenger
»Susi«



HO **1522006**
Passenger
»Rudi«



HO **1522501**
Passenger
»Hubert«



HO **1522502**
Passenger
»Mia«



HO **1522503**
Passenger
»Aaron«



HO **1522504**
Passenger
»Lena«



HO **1522505**
Passenger
»Joshua«



HO **1522506**
Passenger
»Vanessa«



HO **1522601**
Business Traveller
»Linus«



HO **1522602**
Business Traveller
»Robin«



HO **1522603**
Business Traveller
»Samuel«



HO **1522604**
Business Traveller
»Tim«



HO **1522605**
Business Traveller
»Christian«



HO **1522606**
Business Traveller
»Jonas«



HO **1522701**
Business Man
»Malte«

1 G 0 **HO** TT N Z



Info Tip:
How to order NOCH Individual Figures

Order the figures directly from your local NOCH dealer or online at www.modellfiguren.de.



HO **1522702**
Business Man
»Steffen«



HO **1522703**
Business Man
»Jens«



HO **1522704**
Business Woman
»Klara«



HO **1522705**
Business Man
»Lars«



HO **1522706**
Business Man
»Simon«



HO **1523301**
Young Voyager
»Joe«



HO **1523302**
Young Voyager
»Milena«



HO **1523303**
Young Voyager
»Janick«



HO **1523304**
Young Voyager
»Gordian«



HO **1523305**
Young Voyager
»Mary«



HO **1523306**
Young Voyager
»Jakob«



HO **1524001**
Passenger
»Peter«



HO **1524002**
Passenger
»Ralf«



HO **1524003**
Passenger
»Siglinde«



HO **1524005**
Passenger
»Leopold«



HO **1524006**
Passenger
»Josef«



HO **1524101**
Passenger
»Nils«



HO **1524102**
Passenger
»Susann«



HO **1524103**
Passenger
»Kay«



HO **1524104**
Passenger
»Saskia«



HO **1524105**
Passenger
»Irena«



HO **1524106**
Passenger
»Helmut«



HO **1524201**
Passenger
»Johnny«



HO **1524202**
Passenger
»Edith«



HO **1524203**
Passenger
»Viktor«



HO **1524204**
Passenger
»Gertrud«



HO **1524205**
Passenger
»Johann«



HO **1524206**
Passenger
»Erik«



HO **1524301**
Bus Driver
»Konstantin«



HO **1524303**
Passengers
»Conny & Nele«



HO **1524304**
Passenger
»Heinrich«



HO **1524305**
Passenger
»Jörg«



HO **1524306**
Passenger
»Simone«



HO **1524401**
Truck Driver
»Mateo«



HO **1524402**
Truck Driver
»Johannes«



HO **1524403**
Co-Driver
»Janis«

Note: *all figures on this double page are supplied without a bench.*

For Fans of a Special Railway Experience

Most NOCH products, such as water products, rock compound or flocking material, can be used for all gauges. However, you will also find many products in our range that have been specially developed for one size.

On the following pages, we ve put together all the items that are specially available for sizes Z, H0e, H0m, 0, 1 and G.

G 1 0 H0 TT N Z

Special Gauges

Z Gauge – from Page 302
- *Figures, Walls, Portals and Roads*

H0e, H0m Gauge – from Page 306
- *Bridges and Portals*

0 Gauge – from Page 308
- *Figures, Laser-Cut Kits and Walls*

1 Gauge – from Page 314
- *Figures*

G Gauge – from Page 315
- *Walls, Portals, Tunnel and Trees*

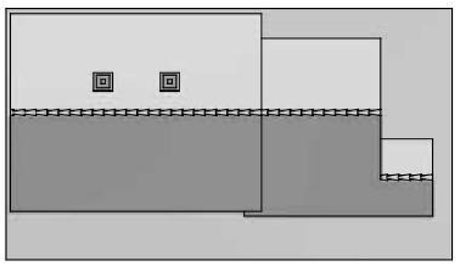
Z Gauge

Laser-Cut Kits

With a scale of 1:220, Z gauge is the smallest model railway that is manufactured in series. You ll find the items that are specially suited to Z gauge on the following pages. In addition, you ll find a large assortment of crafting and landscaping items in this catalogue that are suitable for Z gauge.

Here s a small selection:
· Ballast, page 134
· Grass Fibres (1.5 mm and 2.5 mm), from page 126
· Classic Trees, from page 190
· Hobby Trees, from page 198
· Illuminated Christmas Tree, page 156
· Preformed Layouts, from page 320
· Model Railway in a Briefcase, from page 352
· Z Gauge Advent Wreath, page 165

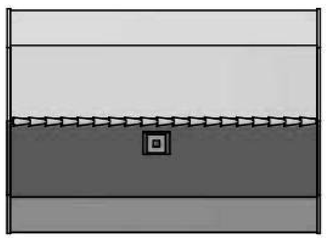
Our Japanese partner ROKUHAN is specialised in Z gauge. In the ROKUHAN chapter from page 398 in this catalogue, you'll find a large selection of interesting products for Z gauge.



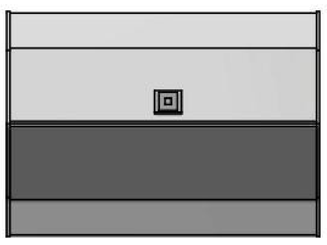
10.3 cm x 5.8 cm
4.5 cm high



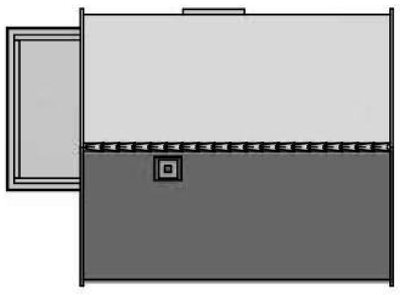
Z ***44305 Station »Zeil«***



Half-Timbered House
5.1 cm x 3.7 cm, 5 cm high



Country House
5.1 cm x 3.7 cm, 5 cm high



Great Farm
6.3 cm x 4.5 cm, 5.7 cm high

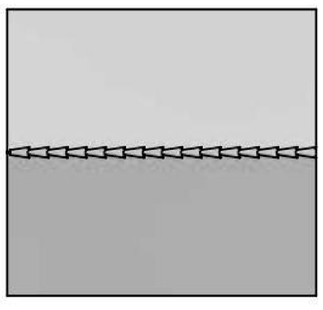


Z ***44310 Village Set, 3 pieces***
Contents: 2 Residential Buildings, 1 Great Farm

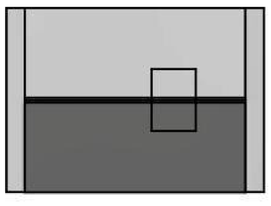


Note: *All Laser-Cut kits illustrated on this double page include a detailed construction manual and a suitable special Laser-Cut adhesive.*

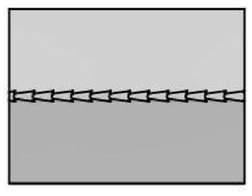




Field Barn
4.2 cm x 3.9 cm, 1.7 cm high



Chapel
3.5 cm x 2.5 cm, 3.8 cm high



Timber Barn
3.2 cm x 2.4 cm, 1.3 cm high



Z **44315** ***Small Buildings Set***
Contents: 2 Barns, 1 Chapel

Figures



Z **44200** ***German Railway Officials***







Z **44202** ***Pedestrians***



Z **44201** ***Travellers***



Z **44250** ***Cows, black-white***



Z **44203** ***Sitting People*** *(without Benches)*





Z **44252** ***Cows, brown***



Z **44251** ***Cows, brown-white***

Colours, combinations and forms are subject to change without prior notice.

»Stone Wall PROFI-plus« Hard Foam Series

Made in Germany

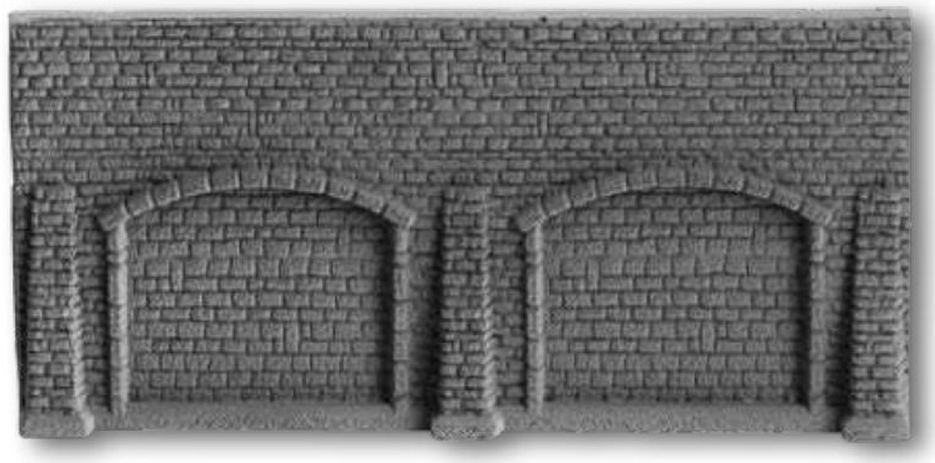
The »Stone Wall PROFI-plus« series is a highlight of any realistic display of walls and portals. The detailed surface structure, the three-dimensional design and the many small details like wall finishes, ledges or drainpipes, make every wall an eye-catcher on your layout.



Z **44810** ***Tunnel Portal***
single track
6.5 cm x 6 cm



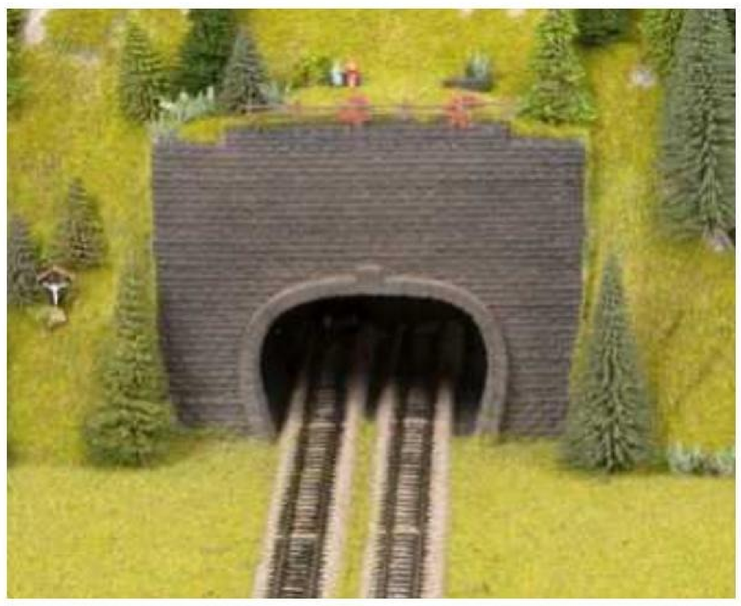
Z **44820** ***Tunnel Portal***
double track
8.5 cm x 6.5 cm



Z **44920** ***Arcade Wall***
13 cm x 7 cm

Hard Foam Scale Replacement Portals

Scale Replacement Portals serve to reduce the dimensions of tunnel entrances of larger gauges to those of smaller gauges. This is necessary, for example, when using a ready-made NOCH H0 terrain in TT or N gauge. All scale replacement portals are suitable for catenary operation.



Z **44800** ***Scale Replacement Portal,***
double track reduces the tunnel portal from N scale to Z scale 9 cm x 7 cm



Z **44790** ***Scale Replacement Portal,***
single track reduces the tunnel portal from N scale to Z scale 9 cm x 7 cm

Portals, Made of Plastic

These incredibly sturdy portals made through plastic injection moulding are ideal for placing visually-appealing portals in a model landscape for very little money.



Z **44420** ***Tunnel Portal***
single track
9 cm x 4 cm, 2 pieces



Z **44430** ***Tunnel Portal***
double track
12 cm x 4 cm, 2 pieces

Tunnel

A railway route without tunnel is like a loco without carriages! If you want to liven up your railway route in a very simple way, tunnels are the best solution. It is always fascinating to see a train disappear from one side and reappear on the other! NOCH Tunnels make this especially easy for you: they are hand-painted in natural colours, covered with grass, and usually additionally decorated. NOCH Tunnels are also ideal landscape pieces for first model landscapes.



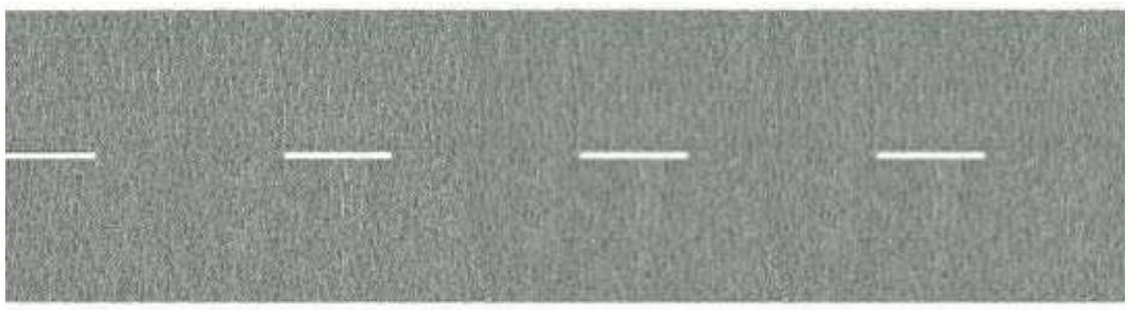
Z **44670** ***Tunnel***
single track, curved, 17 cm x 13 cm, 8 cm high
Headroom 3.2 cm, Suitable for R1 or R2

Road Crepe Paper

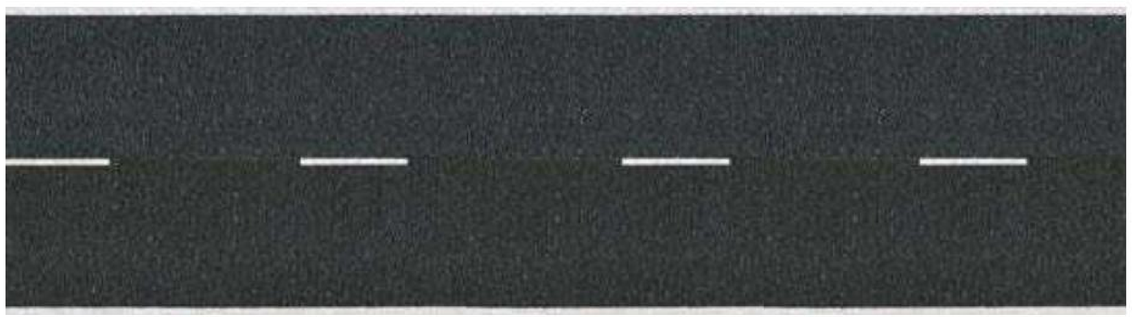
All roads lead to NOCH because, with NOCH Roads, Paths and Squares, you can easily create a true-to-life road network. The advantages of the material are convincing: NOCH Road Crepe Paper is self-adhesive, particularly stretchy, tear-resistant, and above all very easy to work with.

Highly flexible!

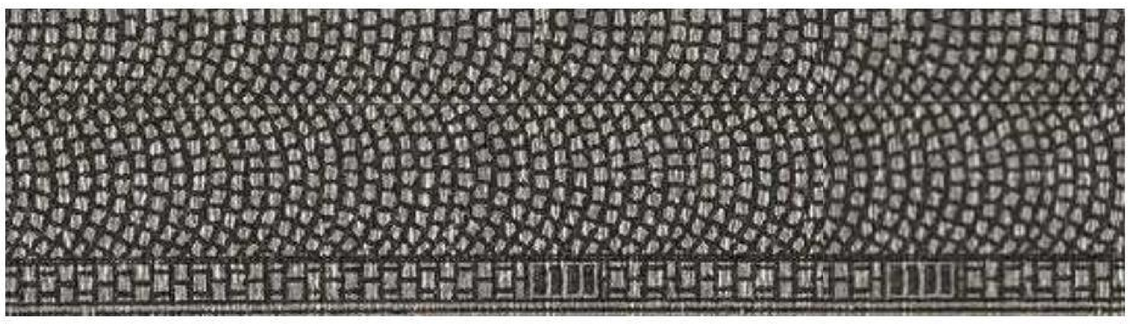
Bends in particular can be reproduced very easily and effectively with NOCH Road Crepe Paper.



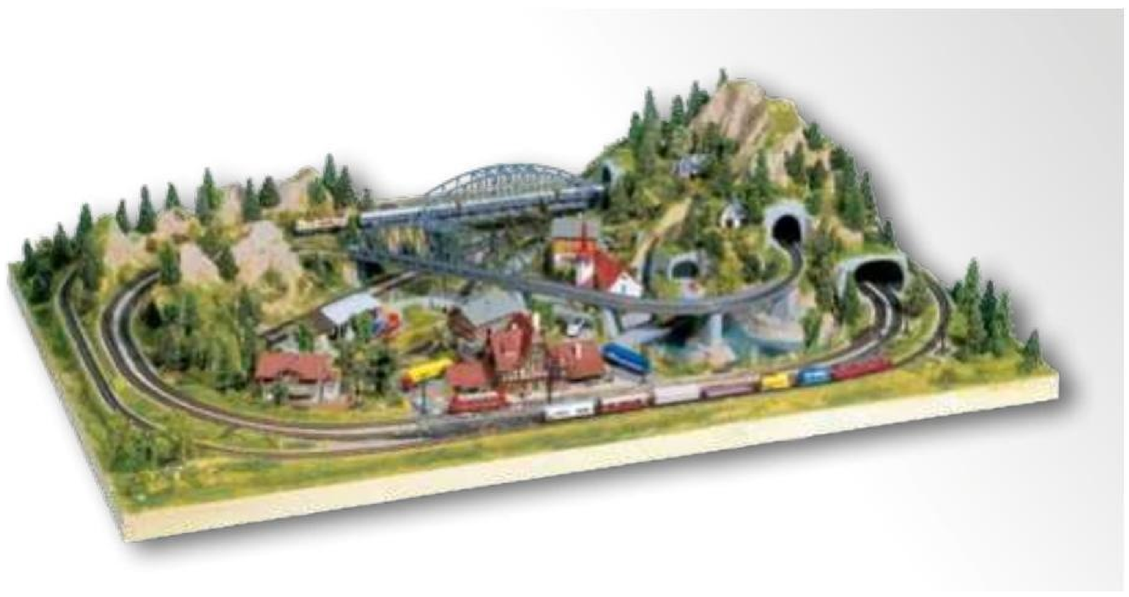
Z **44100** ***Country Road***
grey, 100 cm x 2.5 cm (1 roll, with broken center line)



Z **44150** ***Asphalt Road***
black, 100 cm x 2.5 cm (1 roll, with broken center line)



Z **44070** ***Cobblestone***
100 cm x 2.5 cm (1 roll)



»Cortina« Preformed Layout

The attractive 100 cm x 69 cm Cortina Preformed Layout was specially designed for Z gauge. Further information such as contents of the kit and expansion options can be found on page 319 of this catalogue.

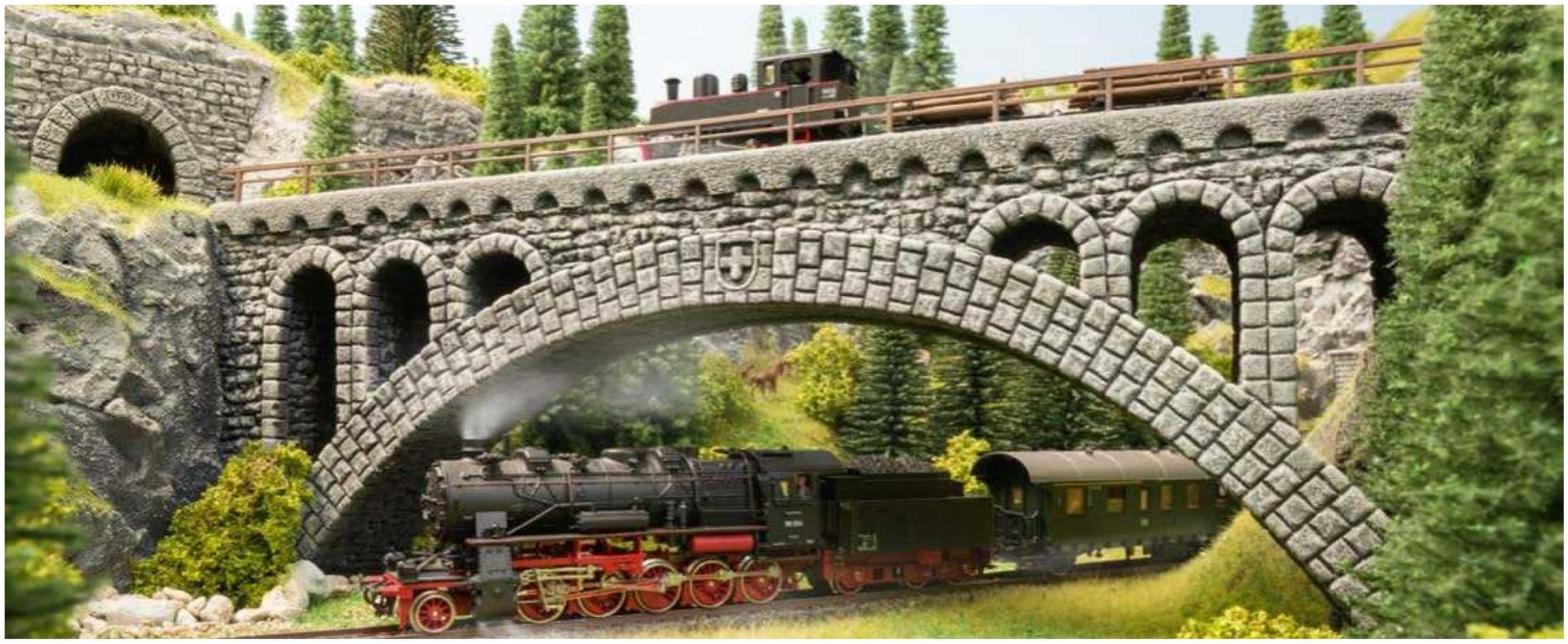
Z **85880** ***»Cortina« Preformed Layout***
100 cm x 69 cm, approx. 21 cm high, 2 railway circuits



Model Railway in a Briefcase

In the chapter »Model Railway in a Briefcase« from page 352, you'll find a large selection of Z gauge layouts in briefcases and the respective product details. Here you can see the Serfaus model.

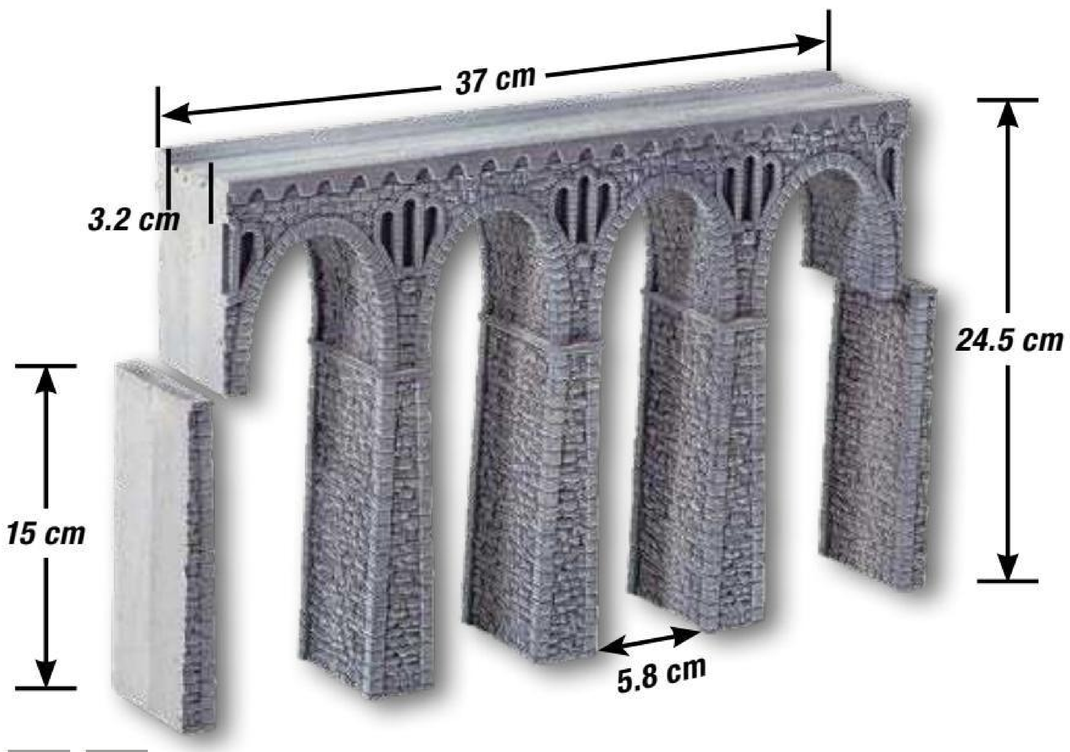
Z **88313** ***Briefcase Layout »Serfaus«***
with Märklin® mini-club Track



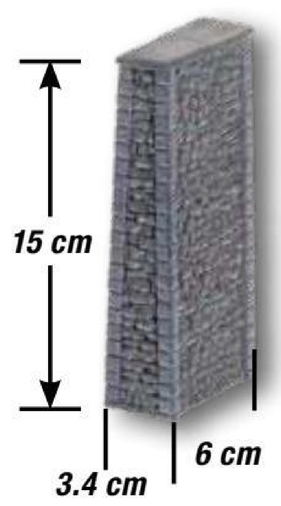
H0e and H0m Gauge

Whether »Öchsle« or »Glacier Express«, narrow-gauge railways have always inspired fascination. Many of them are still in regular use, including in museums.

To allow you to reproduce the corresponding routes, NOCH offers a complete range of narrow-gauge accessories.

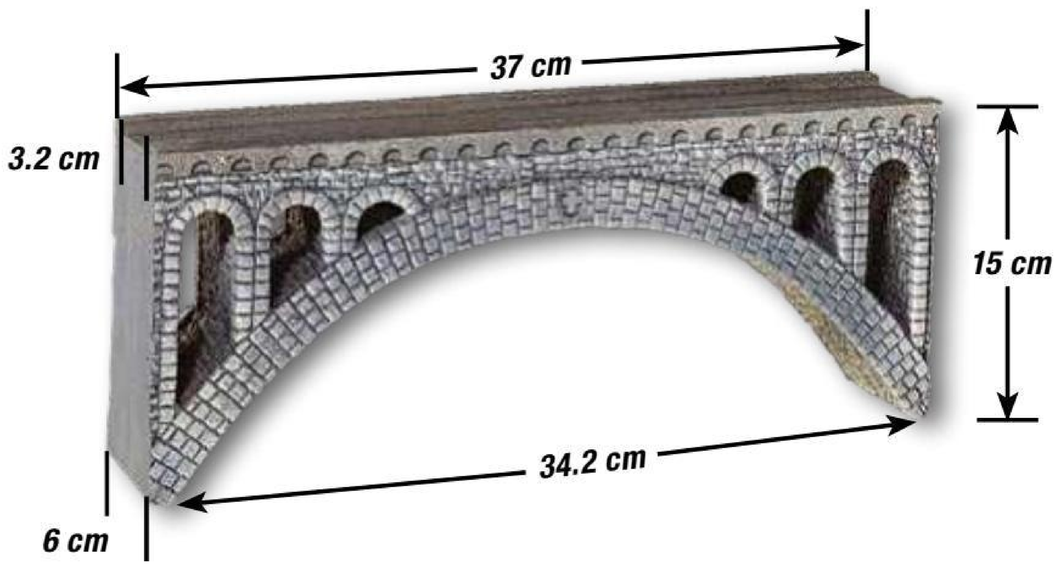


H0e H0m **58668** **Quarrystone Viaduct**
ready-made Structured Hard Foam Bridge Model



H0e H0m **58669** **Quarrystone Viaduct Bridge Pier**

The Quarrystone Viaduct is an imposing bridge construction made of NOCH Structured Hard Foam. The ready-made model is hand-painted in the factory, and can easily be adapted to the terrain with a saw and a craft knife. Several viaducts can be combined together to create longer bridges. In order to combine two bridges, one Bridge Pier (ref. 58669) is required.



H0e H0m **58671** **Rhône Viaduct**
ready-made Structured Hard Foam Bridge Model



H0e H0m **67038** **Steel Bridge**
with bridgeheads. This bridge is not combinable with other Laser-Cut bridges.

The Rhône Viaduct lends itself perfectly to bridging valleys and stretches of railway tracks or roads. It is also possible to combine it with the Quarrystone Viaduct (ref. 58668). Ready-made model, suitable for all H0e- and H0m-gauge track systems.

The Steel Bridge is very delicately designed and produced as a laser-cut kit. Its fascinating structures give the model unique charm. The bridgeheads are made of structured hard foam. Includes special adhesive.





H0e H0m **58026** ***Tunnel Portal***
Single Track, 23 cm x 12.7 cm

The Tunnel Portal is intended for the construction of single-track sections. The headroom is approx. 6.5 cm in the centre. Suitable for all H0e- and H0m-gauge track systems.



H0e H0m **58027** ***Tunnel Portal***
Double Track, 23 cm x 12.7 cm

The Tunnel Portal is intended for the construction of double-track sections. The headroom is approx. 8.5 cm in the centre. Suitable for all H0e- and H0m-gauge track systems.



H0 H0e H0m **58032** ***Interior Rock Tunnel Wall, straight***
2 pieces, 9.5 cm long

H0 H0e H0m **58033** ***Interior Rock Tunnel Wall, curved***
2 pieces, 9.5 cm long Suitable for all radii



The Interior Rock Tunnel Wall can be installed in tunnel tubes in 1:87 scale for H0, H0e and H0m. In this way, tunnel entrances become even more realistic. Their structure corresponds to the rough rock structure in many narrow-gauge railway tunnels, especially those found in Austria and Switzerland.

Note: *all the bridges and tunnels shown on this double page correspond to the stone structures of the »Quarrystone Wall« series for H0 gauge. So, you can, for example, use the walls series (ref. 58250, 58255) to install tunnels or add to bridges. The complete series can be found on page 67.*

0 Gauge

With its attractive 1:43 scale, 0 gauge is finding more and more fans. For this reason, we are gradually expanding our range for this fine gauge. Here we present the items that we have specially designed with 0 gauge in mind. You will find many other suitable items in the catalogue:

- *Grass Fibres (6 mm, 9 mm and 12 mm), from page 127*
- *Grass Tufts (6 mm and 9 mm), from page 138*
- *PROFI Trees, from page 178*
- *Classic Trees, from page 190*
- *Illuminated Christmas Tree, page 156*

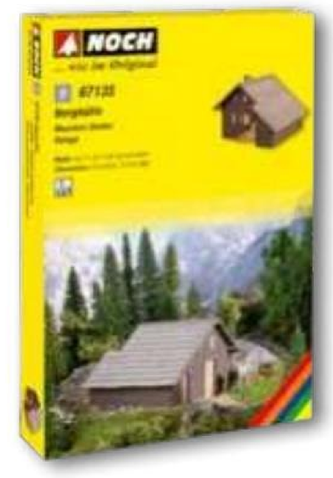
Of course, all of our crafting and landscaping products (water engineering, rock design, flocking and grass flocking, colour design, etc.) are also ideal for 0 gauge.

Laser-Cut Kits

The new modelling kits are not only for model railways; they can also be used with the new Figures (see page 308) to build forestry and agriculture dioramas. Matching model vehicles can be found e. g. in the Schuco range.

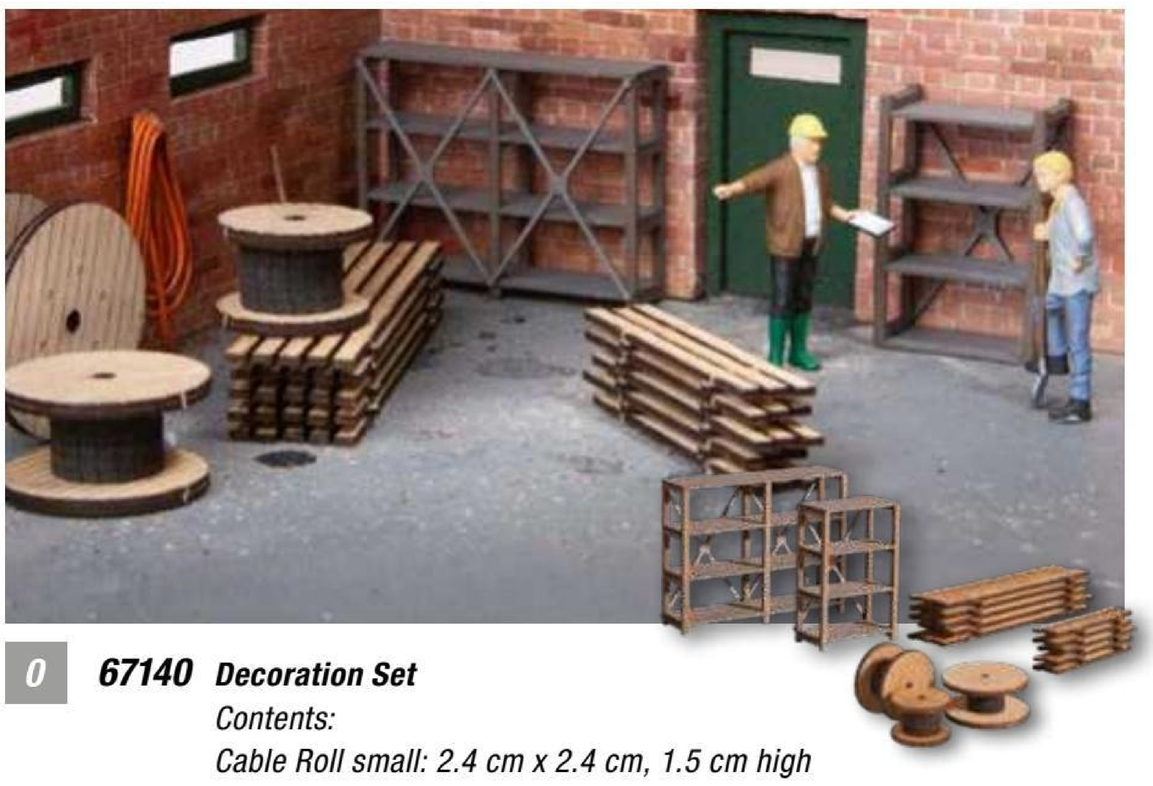
The Laser-Cut Kits are made of high-grade cardboard. By lasering it, it is aged naturally during the production process. This makes the models more realistic than plastic models.

Note: *all kits on this page come with detailed instructions and suitable special Laser-Cut Adhesive.*





0 **67136** ***Cattle Shelter***
11.9 cm x 8 cm
5.8 cm high



0 **67140** ***Decoration Set***
Contents:
Cable Roll small: 2.4 cm x 2.4 cm, 1.5 cm high
Cable Roll medium: 2.9 cm x 2.9 cm, 1.5 cm high
Cable Roll large: 3.5 cm x 3.5 cm, 1.5 cm high
Shelve small: 2.7 cm x 1.4 cm, 4.1 cm high
Shelve wide: 5.2 cm x 1.4 cm, 4.1 cm high
Wood Pile small: 5.4 cm x 1.4 cm, 1.4 cm high
Wood Pile large: 8.1 cm x 2.1 cm, 1.4 cm high



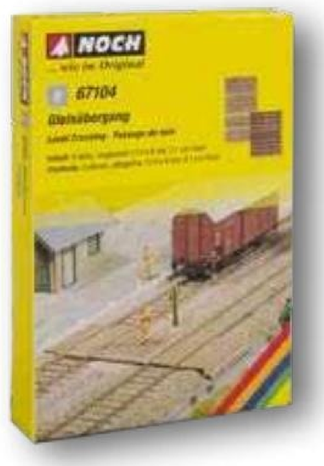
0 **67137** ***Raised Hide & Cratch***
Contents:
Raised Hide: 6 cm x 8.6 cm, 10.5 cm high
Cratch: 5.4 cm x 2.9 cm, 5 cm high

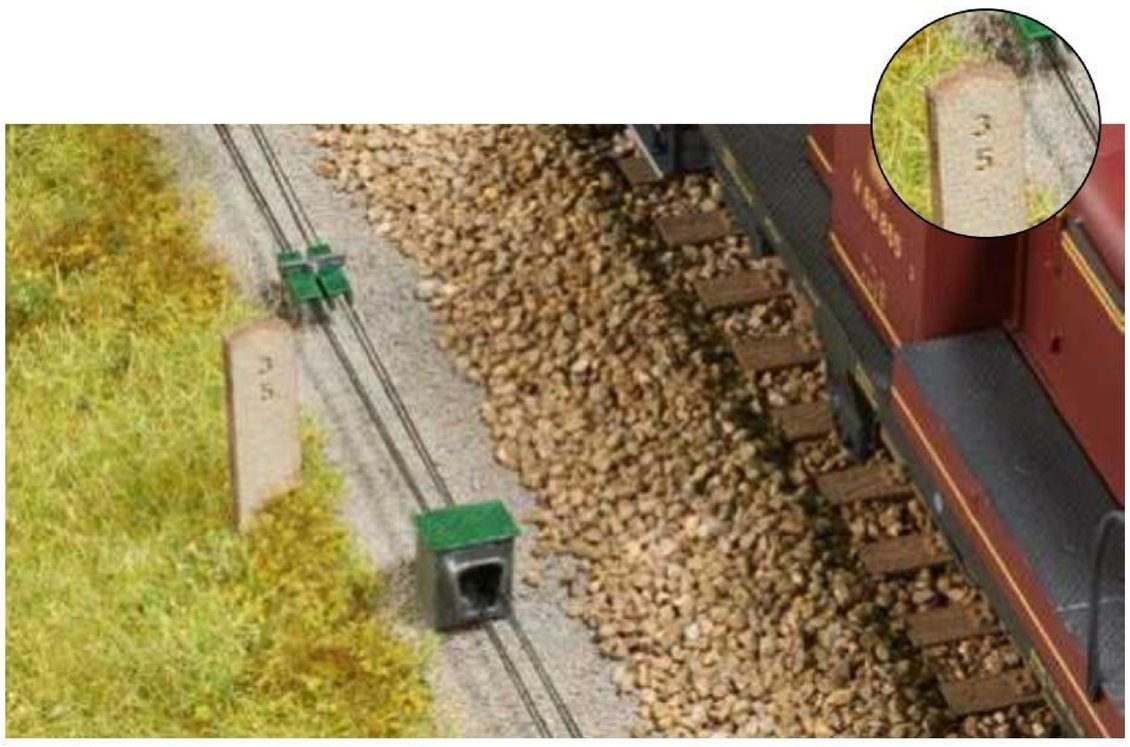


0 **67135** ***Mountain Shelter***
12.7 cm x 12.1 cm
8.9 cm high

Since 0 gauge is becoming increasingly popular, we would like to offer fans of this amazing scale a lot of design options with our Laser-Cut Kits. The Laser-Cut Kits are made of high-grade cardboard. By lasering it, it is aged naturally during the production process. This makes the models more realistic than plastic models.

***Note:** kits 67110 and 67111 come with detailed instructions and suitable special Laser-Cut Adhesive.*

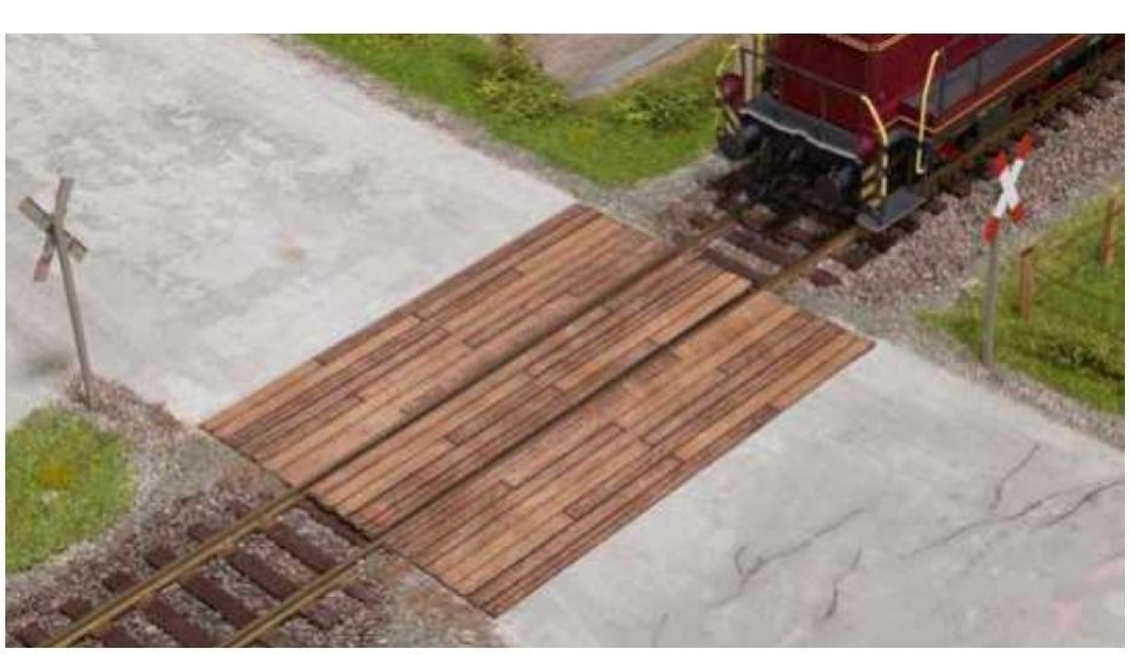




0 **67100** ***Milestones***
20 stones, each approx. 0.9 cm x 0.3 cm, 4 cm high



0 **67104** ***Level Crossing***
5 pieces, altogether 17.4 cm x 8 cm, 0.1 cm thick



0 **67105** ***Wooden Plank Crossing***
16 cm x 11.5 cm, 0.1 cm thick



0 **67110** ***Signal Box***
3.2 cm x 3.2 cm, 5.5 cm high



0 **67111** ***Small Track House***
12.4 cm x 9.1 cm, 8.9 cm high

Info Tip:
Matching Accessories

You ll find matching PROFI Ballast for 0 gauge on page 313.

Figures



0 **17800** Railway Officials



0 **17810** Engine Drivers Steam Locomotive



0 **17820** Shunters



0 **17830** Construction Workers



0 **17840** Farmers



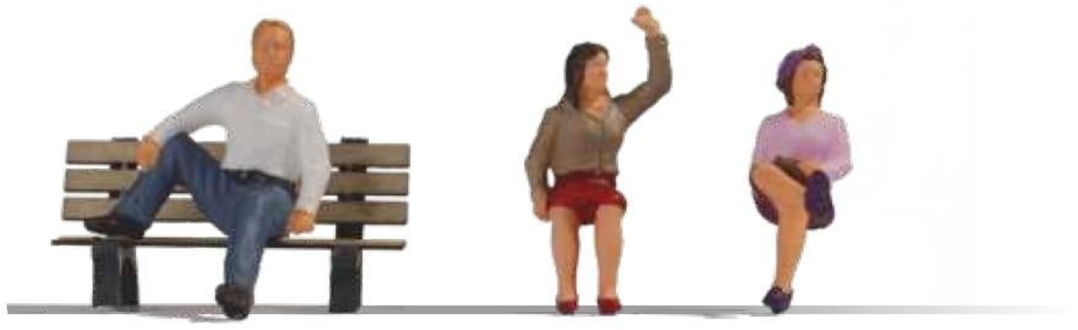
0 **17841** Tractor Drivers



0 **17842** Hunters



0 **17843** Lumberjacks



0 **17860** Sitting People



0 **17850** Passengers



0 **17870** ***Fishermen***





0 **17871** ***Cyclist***



0 **17872** ***Climbers***



0 **17880** ***Wedding***



0 **17900** ***Cows, black-white***



0 **17901** ***Shepherd and Sheep***



0 **17903** ***Farm Animals***



0 **17902** ***Deer***



0 **17921** ***Children in the Snow***

3D minis

The popular 3D minis have also found their way into 0 gauge. The unique detailing is complemented by high-quality painting and ageing by hand. Thus, the 3D minis can be used straightaway to enhance every 0 gauge diorama or model railway layout.



0 **13500** ***Turnout Tension Lever***
5.3 cm x 1 cm, 5 cm high



0 **13501** ***Signal Tension Lever***
7.8 cm x 1.0 cm, 5.8 cm high



0 **13510** ***Pulley Bracket Set***
Contents: 1 Pressing Roller Case: 1.1 cm x 1.2 cm, 1.2 cm high
2 Single Roller Supports: 1 cm x 0.5 cm, 1.6 cm high
2 Double Roller Supports: 1.1 cm x 0.8 cm, 1.6 cm high
1 m Wire Rope Hoist



0 **13520** ***Indusi Track Magnet***
5 pieces, 1.9 cm x 0.8 cm,
0.4 cm high



0 **13521** ***Intercom Set***
Contents: 3 Intercom for wall fastening:
0.5 cm x 0.4 cm, 1.8 cm high
2 Intercom on stand:
0.5 cm x 0.4 cm, 3.6 cm high



0 **13526** ***Wheel Blocks Set***
Contents: 1 Rack with 3 Shoe Drags
4 Single Shoe Drags: 1.6 cm x 0.3 cm, 0.5 cm high
Dimensions of Shoe Drag Rack: 2.4 cm x 0.5 cm, 4.6 cm high

PROFI Ballast

Track ballast plays a key role in shaping the image of a model railway. It is of particular importance in the large gauges, since realistic ballast contributes to perfect-looking track scenes on model layouts.
NOCH PROFI Ballast consists of real rocks that have been scaled down in size and it has the perfect colour balance. The grain size is 1 2 mm and it is available in three different colours.



Info Tip:
Additional application

This 0 gauge ballast can also be used as a coarse stone for H0, TT and N gauges. The same colours are available in the NOCH range as PROFI Ballast in H0/TT and N/Z with a finer grain size (see from page 42).



0 **09368** ***PROFI Ballast***
»Granite«
grey, 250 g



0 **09369** ***PROFI Ballast***
»Basaltic Rock«
dark grey, 250 g



0 **09370** ***PROFI Ballast***
»Gneiss«
reddish brown, 250 g

»Granite Wall« Hard Foam Series

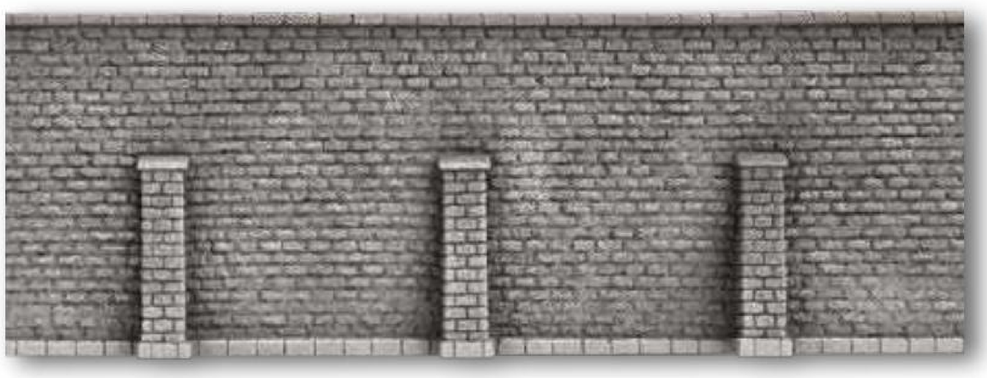
Our modelling artist has come up with something extra special for this stone wall: the roughly hewn granite stone is skilfully staged here. The filigree details, such as turrets, battlements and friezes, put the portals in the limelight of your model railway layout, making them absolute show stoppers.





0 H0 **58272** ***Wall***
33 cm x 12.5 cm

0 H0 **58273** ***Wall***
extra long, 66 cm x 12.5 cm



0 H0 **58274** ***Retaining Wall***
33 cm x 12.5 cm

0 H0 **58275** ***Retaining Wall***
extra long, 66 cm x 12.5 cm



0 H0 **58276** ***Arcade Wall***
33 cm x 12.5 cm

0 H0 **58277** ***Arcade Wall***
extra long, 66 cm x 12.5 cm



© Foto: Gerhard Peter



1 **17100** ***Railway Officials***

1 Gauge

Figures

With its 1:32 scale, 1 gauge is also referred to as the "Royal Track" because of its impressive size and the level of details to the models. Here are the 1 Gauge Figures. In the catalogue, you ll find many other products for landscaping and designing your 1 gauge layout.



1 **17110** ***Engine Drivers Steam Locomotive***



1 **17111** ***Shunters***



1 **17150** ***Passengers***



1 **17151** ***Sitting People***

G 1 0 HO TT N Z

G Gauge

G gauge, also known as LGB or Lehmann Großbahn, has a scale of 1:22.5 and is a large and perfectly playable model railway.

Walls, Roofs and Portals

Fans of large railways (LGB®, 1:22.5) can certainly also get their money's worth: the structured hard foam products are weatherproof and thus ideal for outdoor use.



G **67350** ***Tunnel Portal***
single track, 44 cm x 37 cm
headroom 25.5 cm
suitable for catenary operation



G **67360** ***Tunnel Portal***
double track, 64 cm x 37 cm
headroom 25.5 cm
suitable for catenary operation



delivery form ref. 67760



G **67760** ***Quarrystone Wall***
39 cm x 29 cm
The stone structure of the Quarrystone Wall corresponds to the portals ref. 67350 and 67360.



G **67700** ***Pan Tile Roof***
39 cm x 29 cm

Tunnel



G **67660** ***Tunnel***
single track, straight
38 cm x 32 cm, 30 cm high
Headroom approx. 23.5 cm

G Gauge

G and 0 Gauge Deciduous Trees

With our small but elegant range of realistic model trees, you can perfectly forest your large railway layout.
Note: *the trees are not suitable for outdoor use.*



G **68010** ***Birch Tree***
approx. 35 cm high



O G **68015** ***Deciduous Tree***
approx. 24 cm high



O G **68020** ***Fruit Tree***
green, approx. 30 cm high



O G **68022** ***Fruit Tree***
white blossom, approx. 30 cm high



G **68030** ***Deciduous Tree***
approx. 35 cm high

G **68032** ***Deciduous Tree***
approx. 40 cm high

G Gauge Fir Trees





G 68036 ***Fir Tree***
approx. 25 cm high



G 68037 ***Fir Tree***
approx. 30 cm high



G 68038 ***Fir Tree***
approx. 35 cm high



G 68039 ***Fir Tree***
approx. 40 cm high



G 68046 ***Snowy Fir Tree***
approx. 25 cm high



G 68047 ***Snowy Fir Tree***
approx. 30 cm high



G 68048 ***Snowy Fir Tree***
approx. 35 cm high



G 68049 ***Snowy Fir Tree***
approx. 40 cm high

Livening up Your Model Landscape

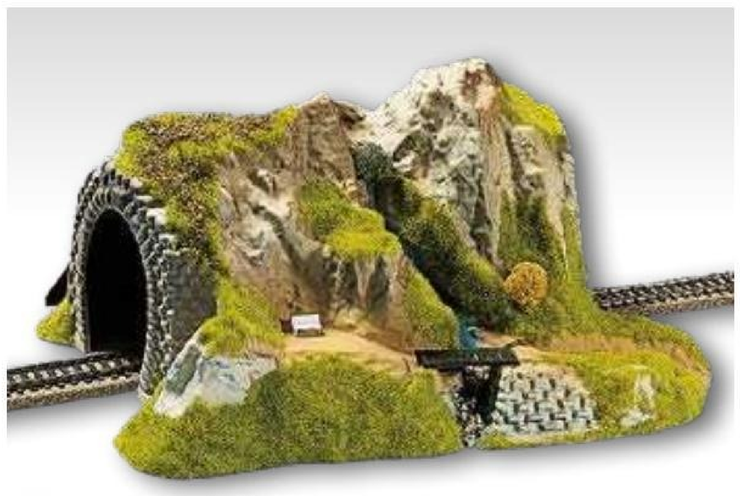
NOCH Tunnels

A railway route without tunnel is like a loco without carriages! If you want to liven up your railway route in a very simple way, tunnels are the best solution. It is always fascinating to see a train disappear from one side and reappear on the other! NOCH Tunnels make this especially easy for you: they are hand-painted in natural colours, covered with grass, and usually additionally decorated. NOCH Tunnels are also ideal landscape pieces for first model landscapes.

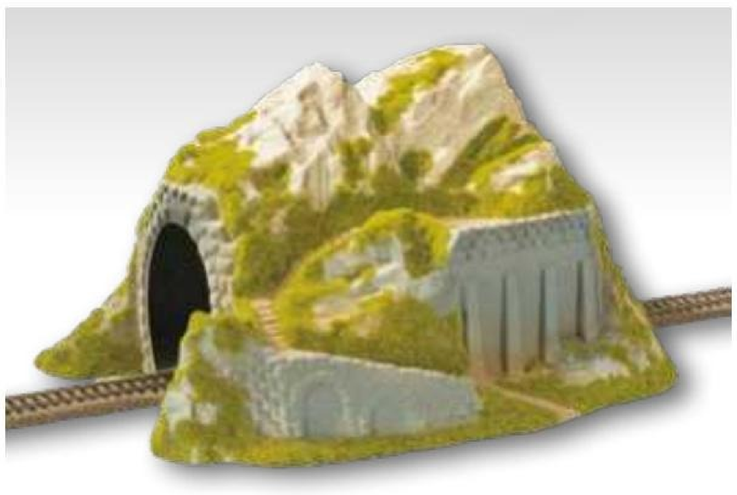
Ideal for beginners!



H0 **02120** ***Tunnel***
single track, straight
18 cm x 17 cm, 16 cm high
Headroom 9.3 cm



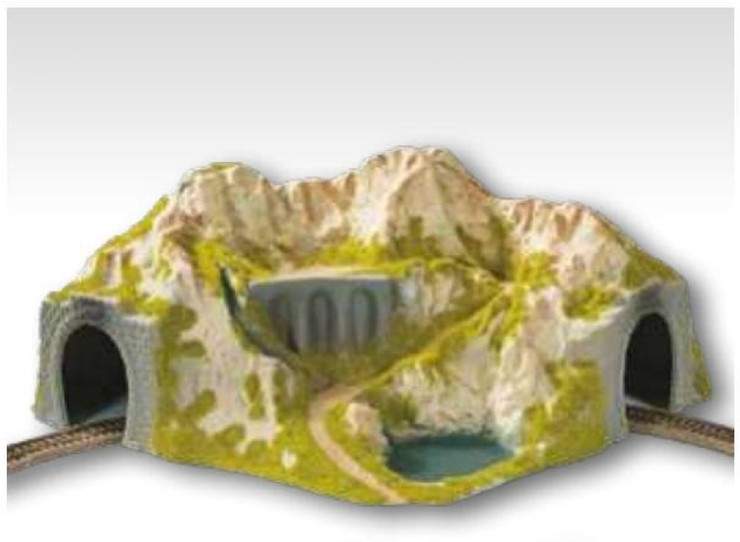
H0 **02200** ***Tunnel***
single track, straight
34 cm x 27 cm, 16 cm high
Headroom 9.3 cm



H0 **02221** ***Tunnel***
single track, straight
34 cm x 25 cm, 19 cm high
Headroom 9.3 cm



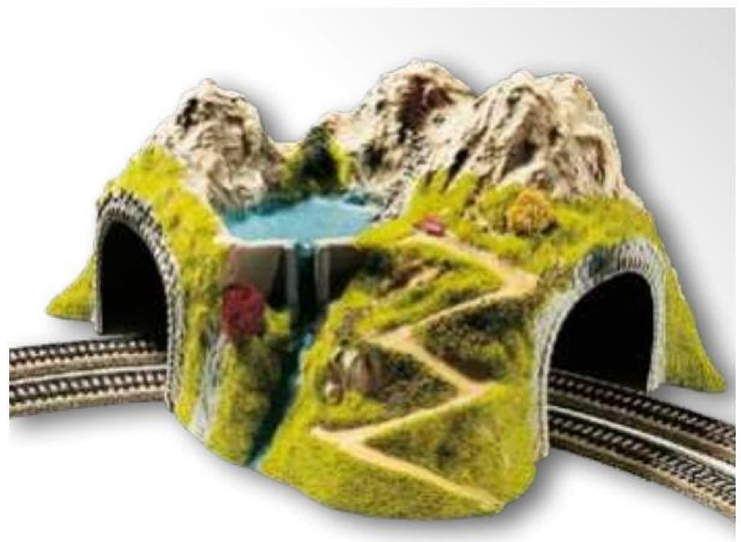
H0 **02430** ***Tunnel***
double track, straight
30 cm x 28 cm, 17 cm high
Headroom 9.3 cm



H0 **05130** ***Corner Tunnel***
single tack, curved
41 cm x 37 cm, 19 cm high
Headroom 9.3 cm
Suitable for R1 or R2



H0 **05170** ***Corner Tunnel***
single track, curved
41 cm x 37 cm, 22 cm high
Headroom 9.3 cm
Suitable for R1 or R2



H0 **05180** ***Corner Tunnel***
double track, curved
43 cm x 41 cm, 23 cm high
Headroom 9.3 cm
Suitable for R1 or R2



G **67660** ***Tunnel***
single track, straight
38 cm x 32 cm, 30 cm high
Headroom approx. 23.5 cm



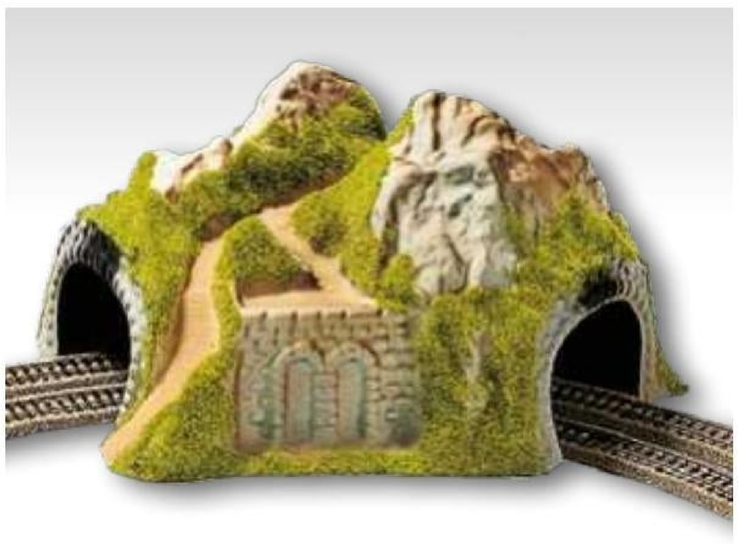
TT **48670** ***Tunnel***
single track, straight
31 cm x 18 cm, 14 cm high
Headroom 5.6 cm



N **34640** ***Tunnel***
single track, straight
18 cm x 16 cm, 10 cm high
Headroom 4.7 cm



N **34660** ***Corner Tunnel***
single track, curved
25 cm x 25 cm, 12 cm high
Headroom 4.7 cm
Suitable for R1 or R2



N **34730** ***Corner Tunnel***
double track, curved
23 cm x 22 cm, 12 cm high
Headroom 4.7 cm
Suitable for R1 or R2



Z **44670** ***Tunnel***
single track, curved
17 cm x 13 cm, 8 cm high
Headroom 3.2 cm
Suitable for R1 or R2

How the Layouts are supplied

NOCH Preformed Layouts can be set up in a short amount of time without any specialised knowledge. The »landscape«, a preformed plastic model that is mounted on a sturdy wooden frame, is realistically designed, painted and flocked with grass. Tunnel portals and mounting holes on the sides are bored and tunnel bases cut to size.
Many Layouts are supplied with a complete bridge kit. Track plans are also included. You can also download them all from www.noch.com

How to assemble the Layouts

On our YouTube channel, you ll find lots of tips and tricks on the topic »Preformed Layouts«. We ve compiled all the relevant videos in a playlist for you. The track plans help to reflect how the rails of various model railway brands are laid out and to convey information about how electrical connections are made. To get the most true-to-life decoration possible for your layout, we have put together a list of special accessories for you.
Of course, you can also equip the layout according to your own taste.

Options for expanding a Layout

Even if you want to extend your railway, that's no problem. Almost all NOCH Preformed Layouts correspond to special standardisation. This means that you can choose whichever extensions you like the most or combine several preformed layouts together.
Thus, you can expand to the left, right and front. If the finished layout is temporarily not in use, the »lightweight« layout can be effortlessly transported and stored upright.



The Easiest Way to Achieve Your Dream Layout

If you are dreaming of a model railway but have little time and space, or want to acquire the craftsmanship first, you do not have to miss out on having your own layout. NOCH offers a wide range of Preformed Layouts.

***Note:** various radii are installed on all NOCH Preformed Layouts. The smallest radius 1 is used in inner and outer circles, which can lead to problems when using longer trains and carriages. For example, it is possible that trains or carriages may scrape against bridge railings or tunnel portals. Please pay attention to the manufacturer's information regarding the minimum radius of your trains and waggons.*

G | 1 | 0 | HO | TT | N | Z

The track plans of all current NOCH Preformed Layouts for download at www.noch.com



Preformed Layouts

Assembling a Preformed Layout – from page 322

Preformed Layouts H0 and TT Gauge – from page 324

Expansion Options H0 and TT Gauge – from page 332

Preformed Layouts N and Z Gauge – from page 334

Expansion Options N and Z Gauge – from page 340

Accessories – from page 342
- *Aluminium Frame, PROFI Foam Train Service Tray, Cable Ties*

Assembling a Preformed Layout - Your Own Model Railway in 4 Steps!

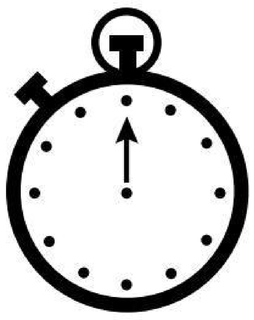
Using the example of our »Schönmühlen« layout (also see page 329), we show you how easily and quickly a NOCH Preformed Layout can be built. In just eight hours, a beautiful layout is created, which can be developed even more to your heart's content.

1



Step 1: off we go!

The Preformed Layout »Schönmühlen« is ready for assembly. The tunnel bases and bridge are included, as well as detailed instructions.

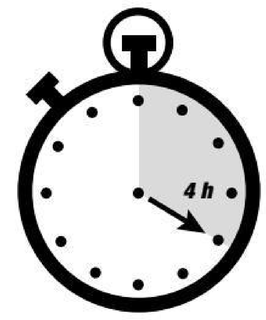


2



Step 2: laying tracks.

First, the tunnel bases are glued onto the preformed landscape from underneath. Then, the bridge is assembled and installed. The layout is now ready for tracks to be laid and connected up. The fun times can begin once this step has been completed. Finally, the roads and squares are inserted (see page 86 onwards). Time required: approx. 4 hours.

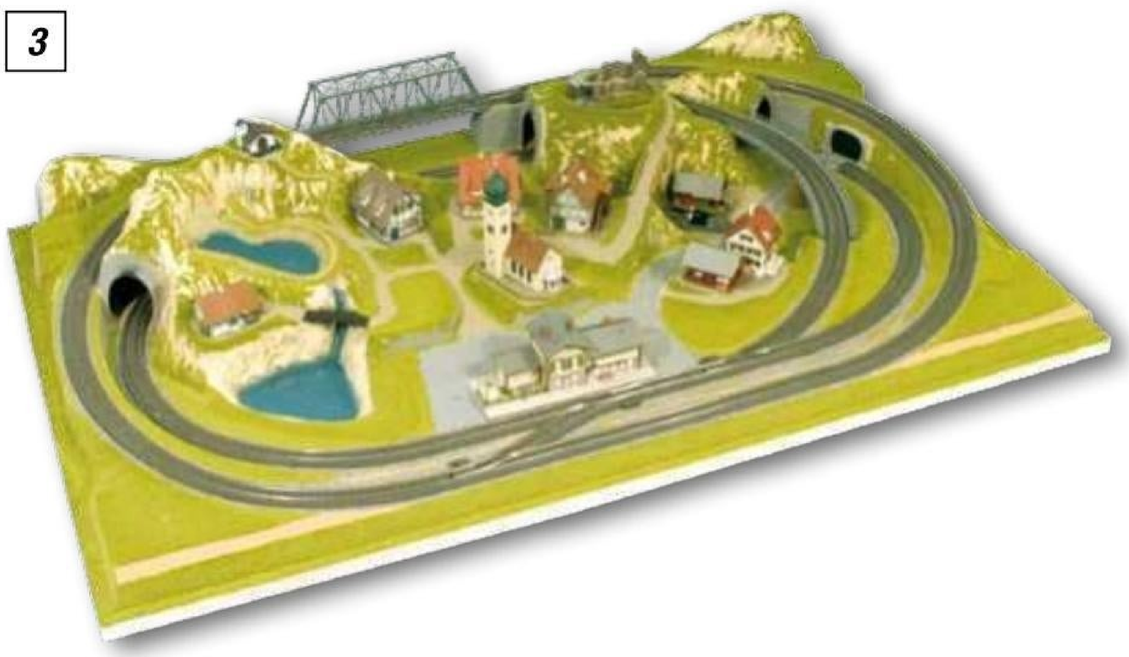


5



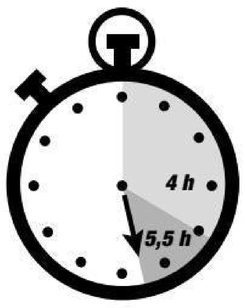
G 1 0 HO TT N Z

3



Step 3: glueing on houses.

Next, the buildings (see page 202 onwards) are stuck onto the layout and ballast (see page 42 onwards) is sprinkled over any remaining gaps.

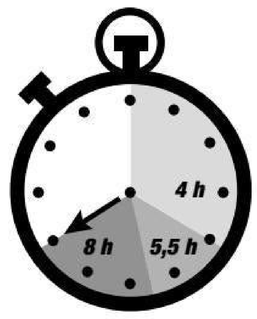


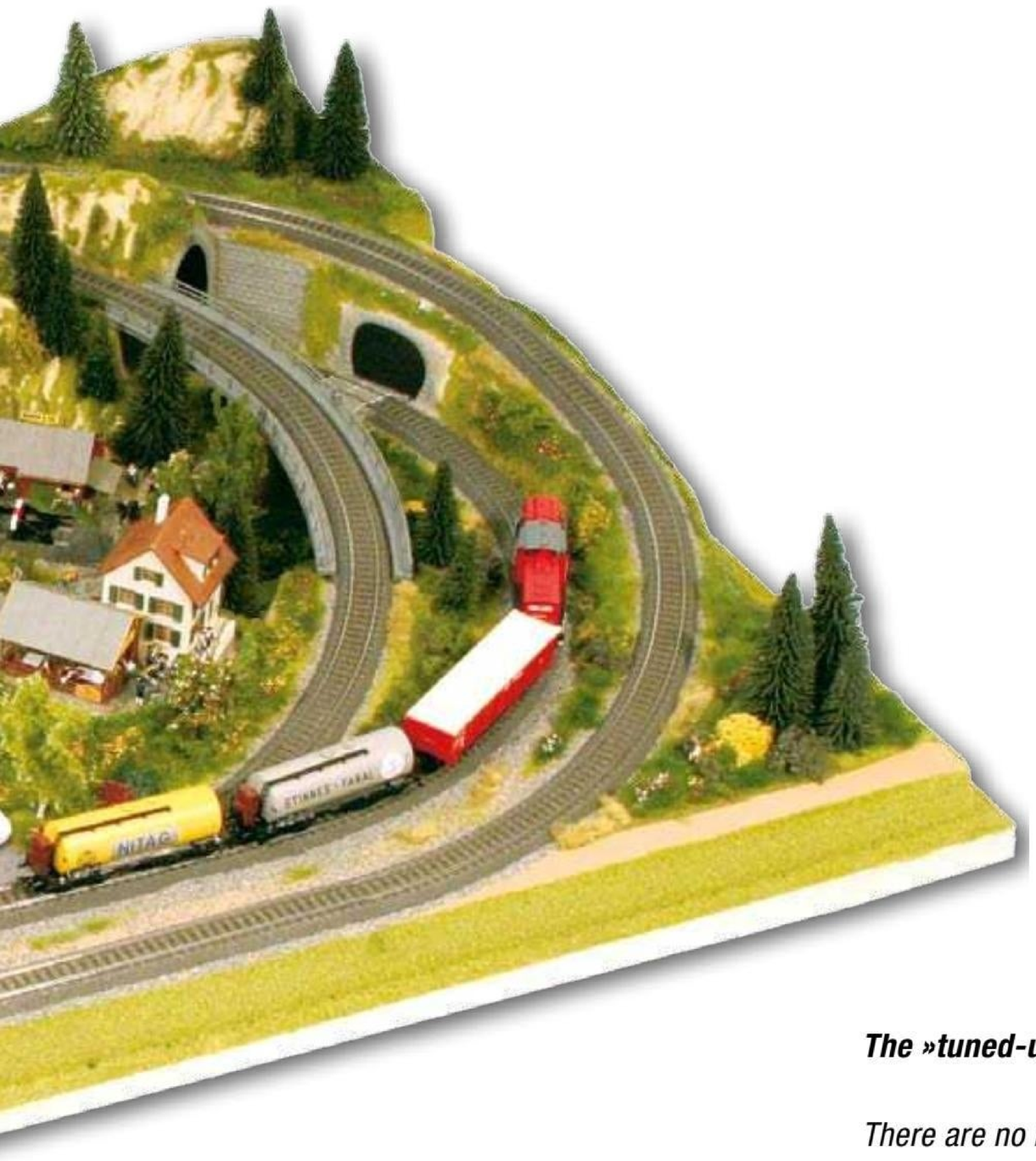
4



Step 4: adding plants & people.

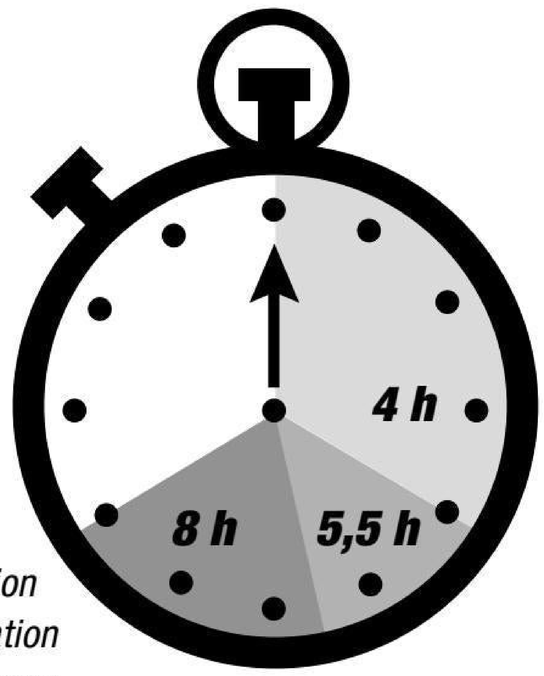
Trees and bushes (see page 174 onwards) and model railway figures, accessories and vehicles (see page 244 onwards) are now glued on.





The »tuned-up« layout

There are no bounds to your imagination and creativity in adding further decoration to the layout, of course. Here, you can see an attractively designed »Schönmühlen« preformed layout.





»Mühltal« Preformed Layout, built in H0

Mountain Idyll for the Home

»Mühltal« Preformed Layout

There's a lot going on in the Mühltal display: the trains run on two circuits and locos and carriages can be shunted along four sidings. The large curved bridge is an eye-catcher, and the double track tunnel section through the mountain landscape allows for realistic train operation. »Mühltal« is pure railway modelling pleasure: Alpine character and sophisticated technology everything the railway modeller needs.

Supplied:

- *Basic layout hand-painted and electrostatically flocked (Scatter Grass 2.5 mm, shade summer meadow)*
- *Mounted on sturdy wooden frame*
- *Pre-cut tunnel bases*
- *H0 bridge kit*
- *Track plans for all systems listed in the table*

Expansion options:
Illustrations and descriptions of the extensions can be found following the preformed layouts.

62200 ***Aluminium Frame***
200 cm x 100 cm + 20 cm (extendible up to 120 cm)
The ideal support system for the Preformed Layout »Mühltal«.
A detailed description of the system can be found on page 342.

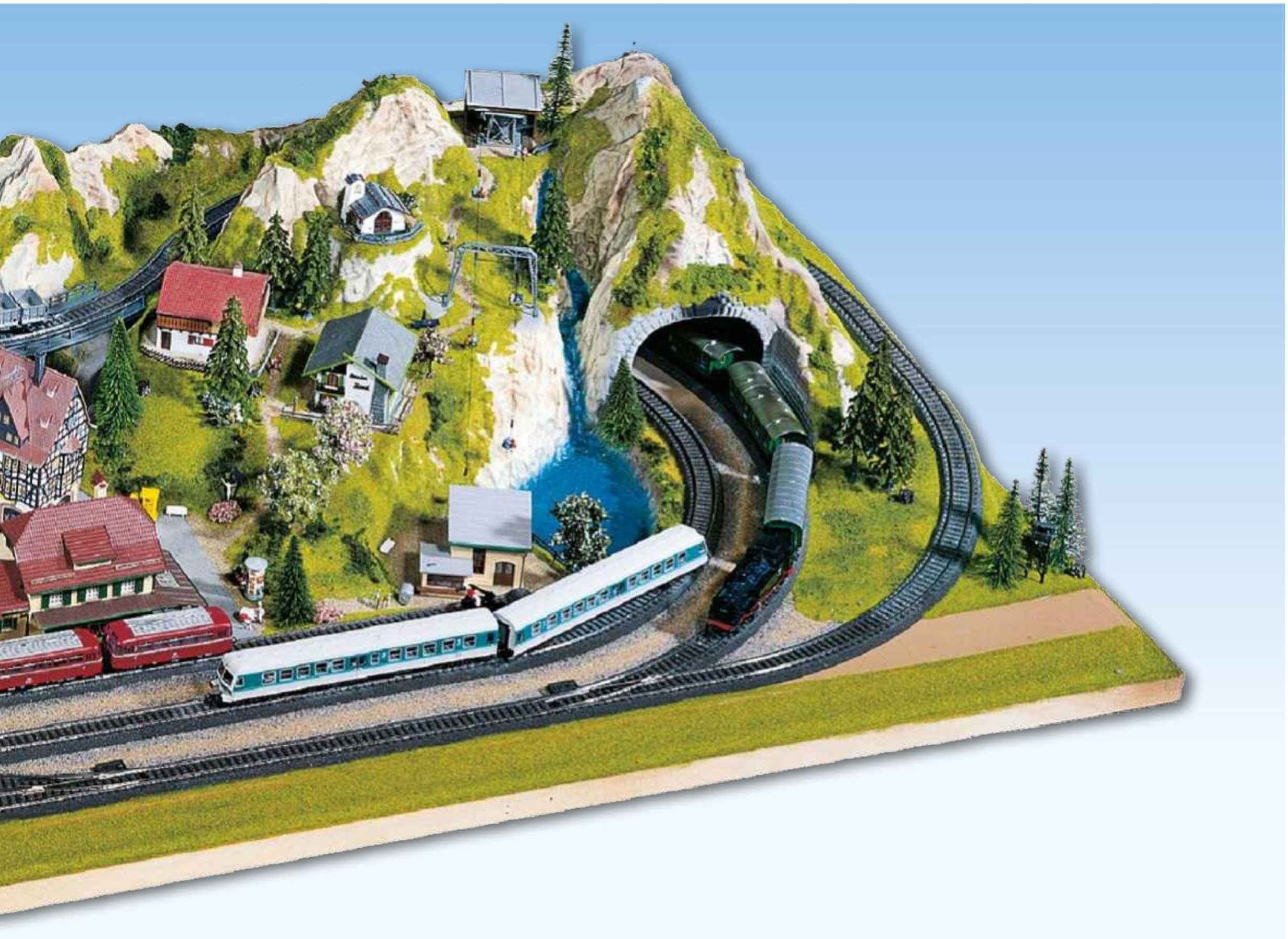
TT ***48800*** ***Scale Replacement***
double track, reduces the tunnel portal from H0 gauge to TT gauge
2 pieces, 14 cm x 10.5 cm

One set is required for assembling in TT gauge.

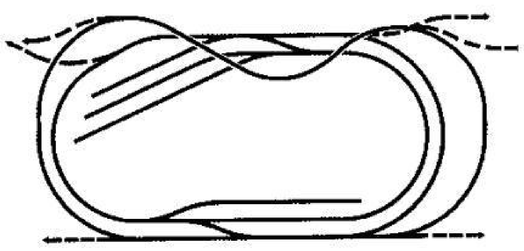
The H0 bridges can be used for assembling in TT gauge.

Note: *please also pay attention to the information on pages 320 and 321.*
The BRAWA funicular railway pictured on the layout is no longer available.

G 1 0 **H0** **TT** N Z



»Mühltal« Preformed Layout
200 cm x 100 cm, approx. 32 cm high **H0** **TT** **81660**
2 railway circuits
Assembly in H0 gauge: *Märklin® plastic/C track,* *Fleischmann® Modell/Profi track,* *Roco® Line, Roco® geoLine,* *TRIX® C track, PIKO A track*
Assembly in TT gauge: *TT Model track*



H0 track diagram with C track



Supplied basic layout



»Mittenwald« Preformed Layout, built in H0

Fun with Trains at the Foothills of the Alps

Bestseller!

»Mittenwald« Preformed Layout

The Preformed Layout »Mittenwald« is a top model in the NOCH range, which maintains its Alpine character through an impressive mountain mass on its right-hand side.

Supplied:

- *Basic layout hand-painted and electrostatically flocked (Scatter Grass 2.5 mm, shade summer meadow)*
- *Mounted on sturdy wooden frame*
- *Pre-cut tunnel bases*
- *H0 bridge kit*
- *Track plans for all systems listed in the table*

Expansion options:
Illustrations and descriptions of the extensions can be found following the preformed layouts. When expanding with extension (ref. 81970), one Foam Ramp (ref. 99360) is required.

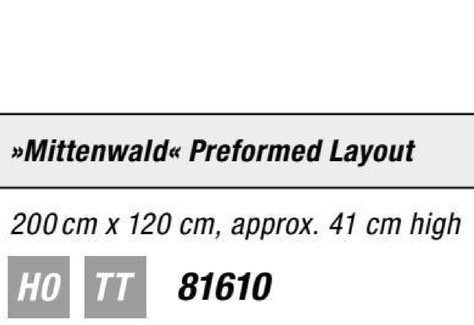
62200 Aluminium Frame
200 cm x 100 cm + 20 cm (extendible up to 120 cm)
The ideal support system for the Preformed Layout »Mittenwald«.
A detailed description of the system can be found on page 342.

TT ***48790 Scale Replacement***
single track, reduces the tunnel portal from H0 gauge to TT gauge
2 pieces, 14 cm x 10.5 cm

TT ***48800 Scale Replacement***
double track, reduces the tunnel portal from H0 gauge to TT gauge
2 pieces, 14 cm x 10.5 cm

For assembling in TT gauge, 4 x ref. 48790 and 1 x ref. 48800 are required.
Note: *please also pay attention to the information on pages 320 and 321.*

»Mittenwald« Preformed Layout
200 cm x 120 cm, approx. 41 cm high H0 TT ***81610***
2 railway circuits
Assembly in H0 gauge: *Märklin® metal / plastic / C track, Fleischmann® Modell / Profi track, Piko A track, Roco® Line, Roco® geoLine, TRIX® C track*
Assembly in TT gauge: *TT Model track*



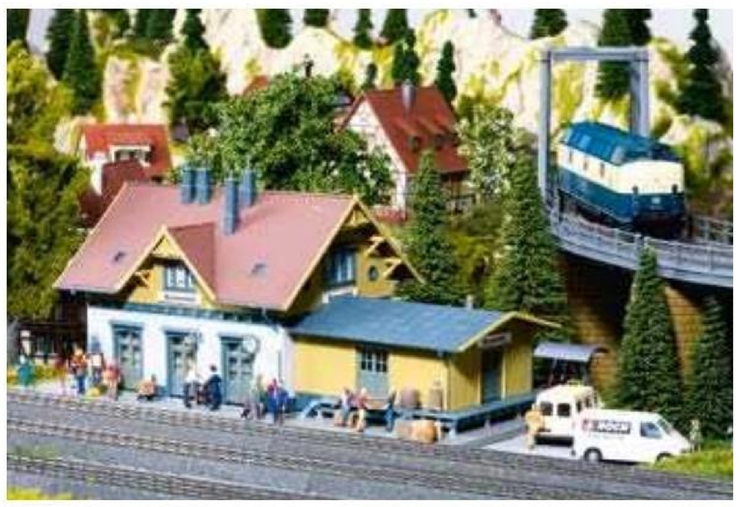
H0 Track diagram basic layout

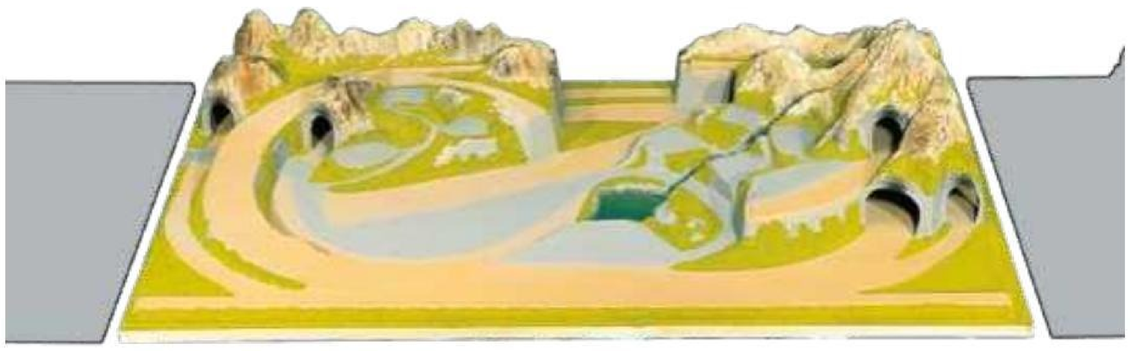
G 1 0 **H0** **TT** N Z











Supplied basic layout and extensions (with extensions shown in grey)

Realistic Background

To achieve an optimum 3D effect for your NOCH Preformed Layout, we recommend customised photo backgrounds from JoWi.
Please send an e-mail to jowi@modellbahn-hintergrund.de for further information. If you mention the keyword »NOCH Catalogue«, you will receive your JoWi background for a discounted price.

modellbahnHINTERGRUND JoWi

Colours, combinations and forms are subject to change without prior notice.



»Rosenheim« Preformed Layout, built in H0

It's so Easy to Get Your Own Model Railway Started

Bestseller!

»Rosenheim« Preformed Layout

The Preformed Layout »Rosenheim« offers pure railway modelling and playing pleasure on 160 cm x 100 cm.
The trains make their rounds on two railway circuits around a beautiful small town. Two long tunnels and an impressive bridge make for an interesting drive. A road leads round the centre of town and invites you to play. With a little craftsmanship, this road can also be fitted out with the (single lane) FALLER Car System. Thanks to the standardisation of the NOCH system, the Preformed Layout »Rosenheim« can also later be expanded at any time.

Together with the layout comes the track plans for all listed track systems and a detailed parts list for assembly.

Supplied:
- *Basic layout hand-painted and electrostatically flocked (Scatter Grass 2.5 mm, shade summer meadow)*
- *Mounted on sturdy wooden frame*
- *Pre-cut tunnel bases*
- *H0 bridge kit*
- *Track plans for all systems listed in the table*

Expansion options:
Illustrations and descriptions of the extensions can be found following the preformed layouts.

62160 Aluminium Frame
160 cm x 100 cm + 20 cm (extendible up to 120 cm)
The ideal support system for the Preformed Layout »Rosenheim«.
A detailed description of the system can be found on page 342.

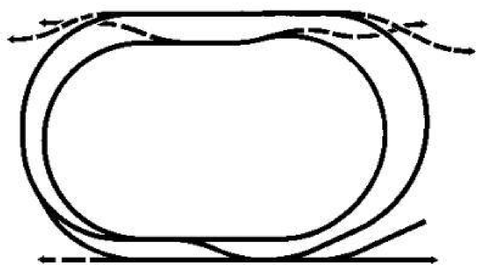
TT ***48790 Scale Replacement***
single track, reduces the tunnel portal from H0 gauge to TT gauge
2 pieces, 14 cm x 10.5 cm

Two sets are required for assembling in TT gauge.

Note: *please also pay attention to the information on pages 320 and 321.*
The BRAWA funicular railway pictured on the layout is no longer available.

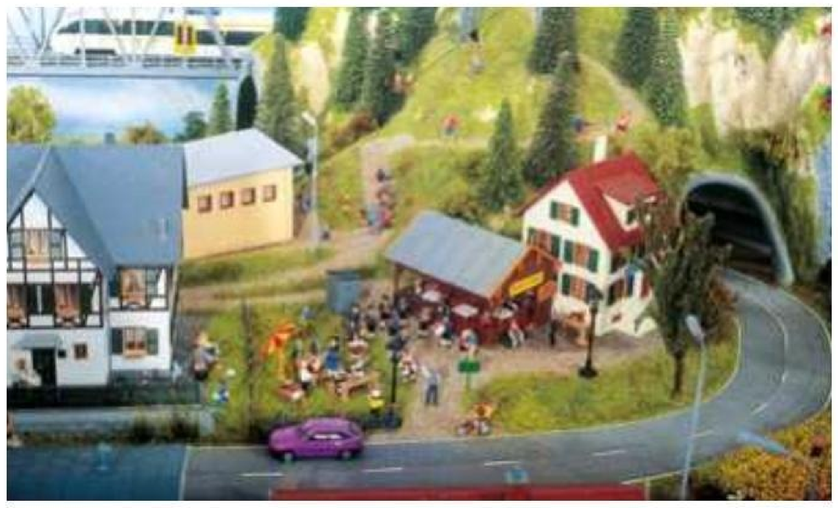
»Rosenheim« Preformed Layout
160 cm x 100 cm, approx. 23.5 cm high H0 TT ***81600***
2 railway circuits
Assembly in H0 gauge: *Märklin® plastic / C track, Fleischmann® Profi track, TRIX® C track, PIKO A track, Roco® geoLine*
Assembly in TT gauge: *TT Model track*

Supplied basic layout and extensions (extensions shown in grey)



H0 Track diagram basic layout



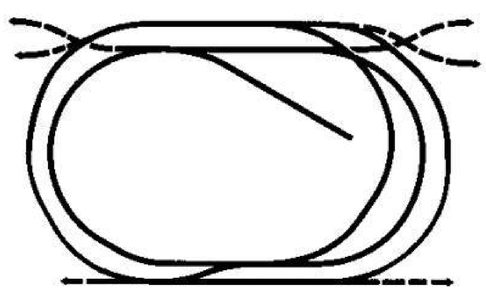


G 1 0 H0 TT N Z



»Schönmühlen« Preformed Layout, built in H0

»Schönmühlen« Preformed Layout
160 cm x 100 cm, approx. 25 cm high H0 TT **81710**
2 railway circuits
Assembly in H0 gauge: *Märklin® metal / plastic / C track* *Fleischmann® Modell / Profi track* *Piko A track, Roco® Line,* *Roco® geoLine, TRIX® C track*
Assembly in TT gauge: *TT Model track*



H0 Track diagram basic layout

Our Medium-Sized Highlands Railway

»Schönmühlen« Preformed Layout

»Schönmühlen« is a popular medium-sized layout with an interesting route that leads over two bridges and through two tunnels. Its special charm derives from a lovely small town with a church, railway station and goods shed, as well as a small lake and a country road with an open level crossing. However, the real eye-catcher is a functioning watermill, whose water wheel is operated by a hydrological cycle with a pump. In addition, two railway circuits, a siding and a passing loop allow for a varied train drive.

Expansion options:
Illustrations and descriptions of the extensions can be found following the preformed layouts.

Supplied:
- *Basic layout hand-painted and electrostatically flocked (Scatter Grass 2.5 mm, shade summer meadow)*
- *Mounted on sturdy wooden frame*
- *Pre-cut tunnel bases*
- *H0 bridge kit*
- *Track plans for all systems listed in the table*

***62160* Aluminium Frame**
160 cm x 100 cm + 20 cm (extendible up to 120 cm)
The ideal support system for the Preformed Layout »Schönmühlen«.
A detailed description of the system can be found on page 342.

TT ***48790* Scale Replacement**
single track, reduces the tunnel portal from H0 gauge to TT gauge
2 pieces, 14 cm x 10.5 cm
Two sets are required for assembling in TT gauge.

Note: *please also pay attention to the information on pages 320 and 321.*



Supplied basic layout and extensions (extensions shown in grey)



»Königsfeld« Preformed Layout, built in H0

Train Ride Through Central Franconia

»Königsfeld« Preformed Layout

The Preformed Layout »Königsfeld« presents an idyll in the best model railway format. The interesting guided track runs through a central mountainous region with many tourist attractions: a small mediaeval town with a church, a castle atop a mountain, a flowing brook with a lake, an old brick station with goods sheds and, last but not least, a tunnel and pretty, curved bridge.
Two railway circuits and a siding make for an interesting train drive.

Supplied:

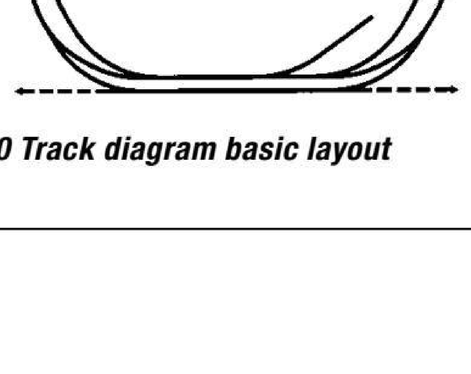
- *Basic layout hand-painted and electrostatically flocked (Scatter Grass 2.5 mm, shade summer meadow)*
- *Mounted on sturdy wooden frame*
- *Pre-cut tunnel bases*
- *H0 bridge kit*
- *Track plans for all systems listed in the table*

Expansion options:
Illustrations and descriptions of the extensions can be found following the preformed layouts.

62160 Aluminium Frame
160 cm x 100 cm + 20 cm (extendible up to 120 cm)
The ideal support system for the Preformed Layout »Königsfeld«.
A detailed description of the system can be found on page 342.

TT ***48790 Scale Replacement***
single track, reduces the tunnel portal from H0 gauge to TT gauge
2 pieces 14 cm x 10.5 cm
One set is required for assembling in TT gauge.
Note: *please also pay attention to the information on pages 320 and 321.*
The BRAWA funicular railway pictured on the layout is no longer available.

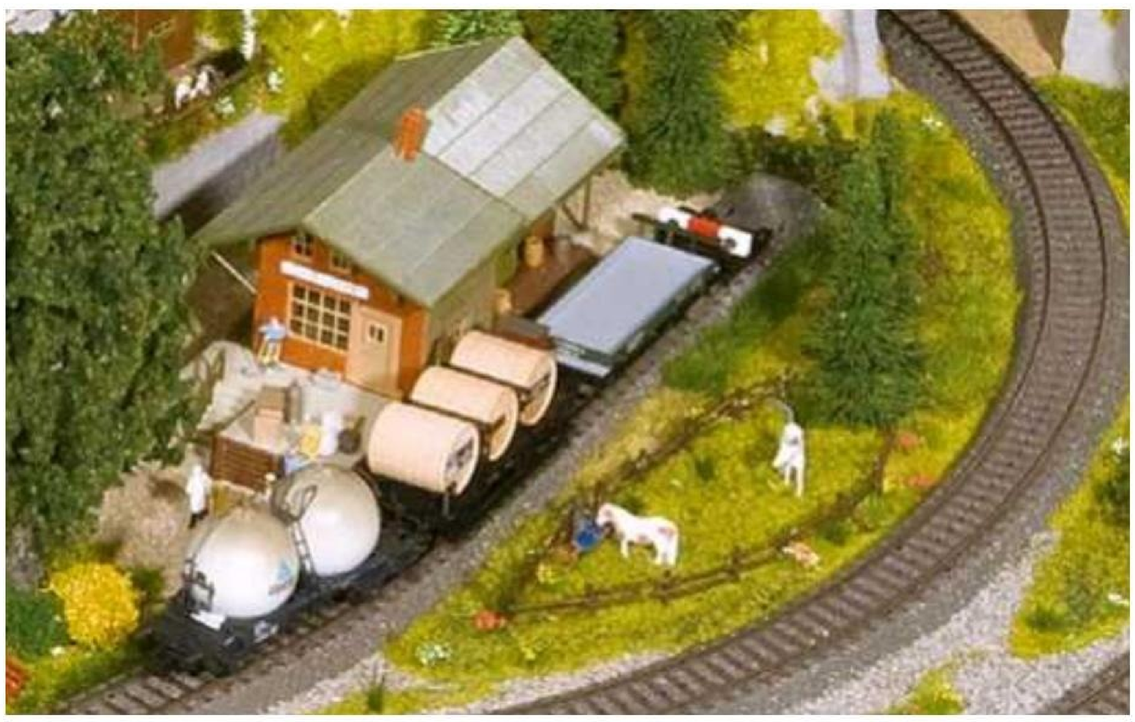
»Königsfeld« Preformed Layout
160 cm x 100 cm, approx. 24 cm high H0 TT ***81580***
2 railway circuits
Assembly in H0 gauge: *Märklin® metal/plastic/C track, Fleischmann® Modell/Profi track, Piko A track, Roco® Line, Roco® geoLine, TRIX® C track*
Assembly in TT gauge: *TT Model track*



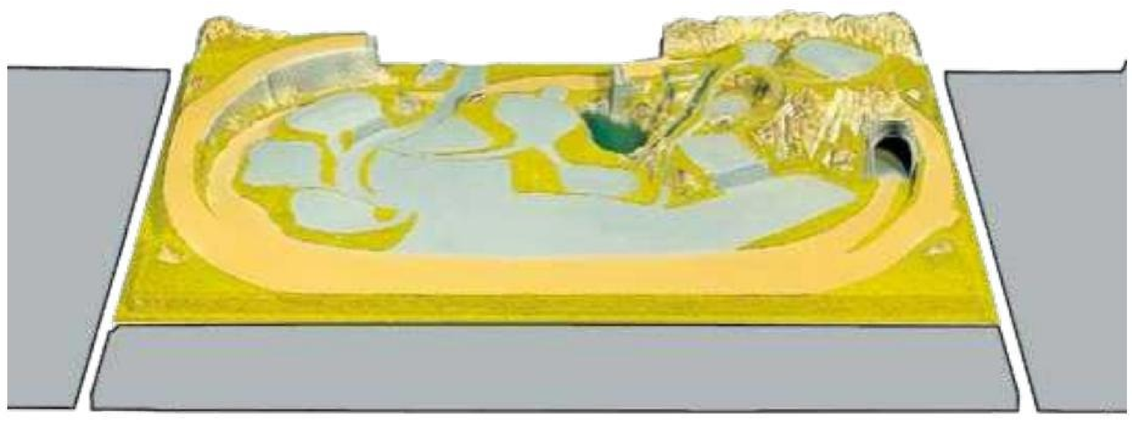
H0 Track diagram basic layout

G 1 0 H0 TT N Z

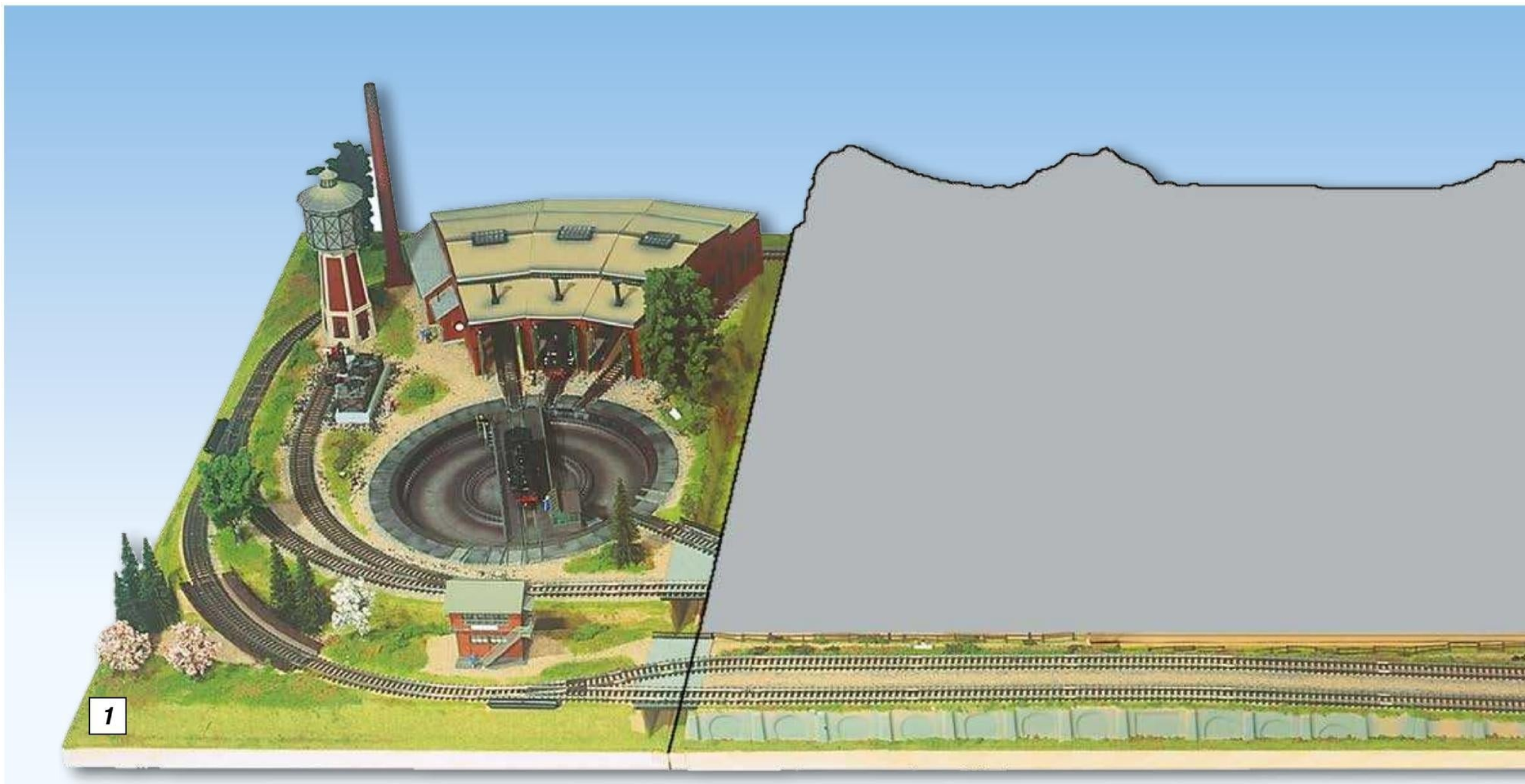








Supplied basic layout and extensions (extensions shown in grey)



1 H0 **81950** ***Left Extension Layout »Turntable«***
70 cm x 120 cm, can be shortened to 70 cm x 100 cm. Extension can be used either with a turntable or as an industrial area offering various shunting options.

Note: *if you shorten the extension ref. 81950 to the length of 100 cm, the aluminium frame must also be reduced to this size.*

62070 ***Aluminium Frame***
70 cm deep, 120 cm long
78 cm high

TT **48790** ***Scale Replacement***
single track, reduces the tunnel portal from H0 gauge to TT gauge
2 pieces, 14 cm x 10.5 cm

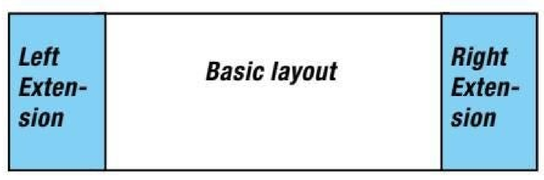
One set is required for assembling the basic layout in TT gauge.

2 H0 **81980**
Front Extension Layout
200 cm x 20 cm, shortable Extension with incline combines the left and right extension.

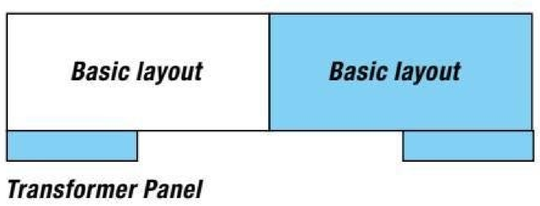
Expand with whatever you want, whenever you want!

You can expand your preformed layout at any time.
The preformed layouts and extensions rest on a sturdy wooden frame and are secured with the enclosed mounting straps.

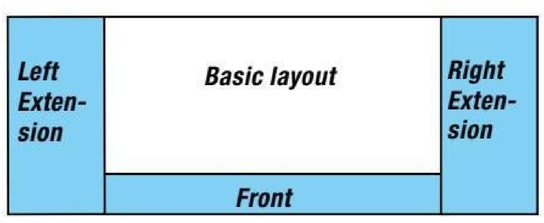
The transformer panel is screwed on at the front if the space for transformers and control consoles is insufficient. This item is described in more detail on page 342.



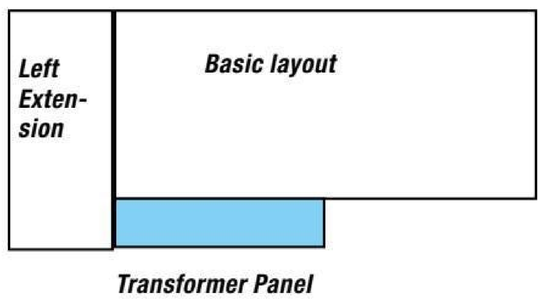
Some extensions deeper than 100 cm can be shortened to 100 cm in order to be added to a basic layout with this depth.



Basic layouts of the same depth can be placed directly next to one another. In this way, model railway layouts of different lengths arise, which can then be extended further with extensions. Transformer panels can be added as desired.



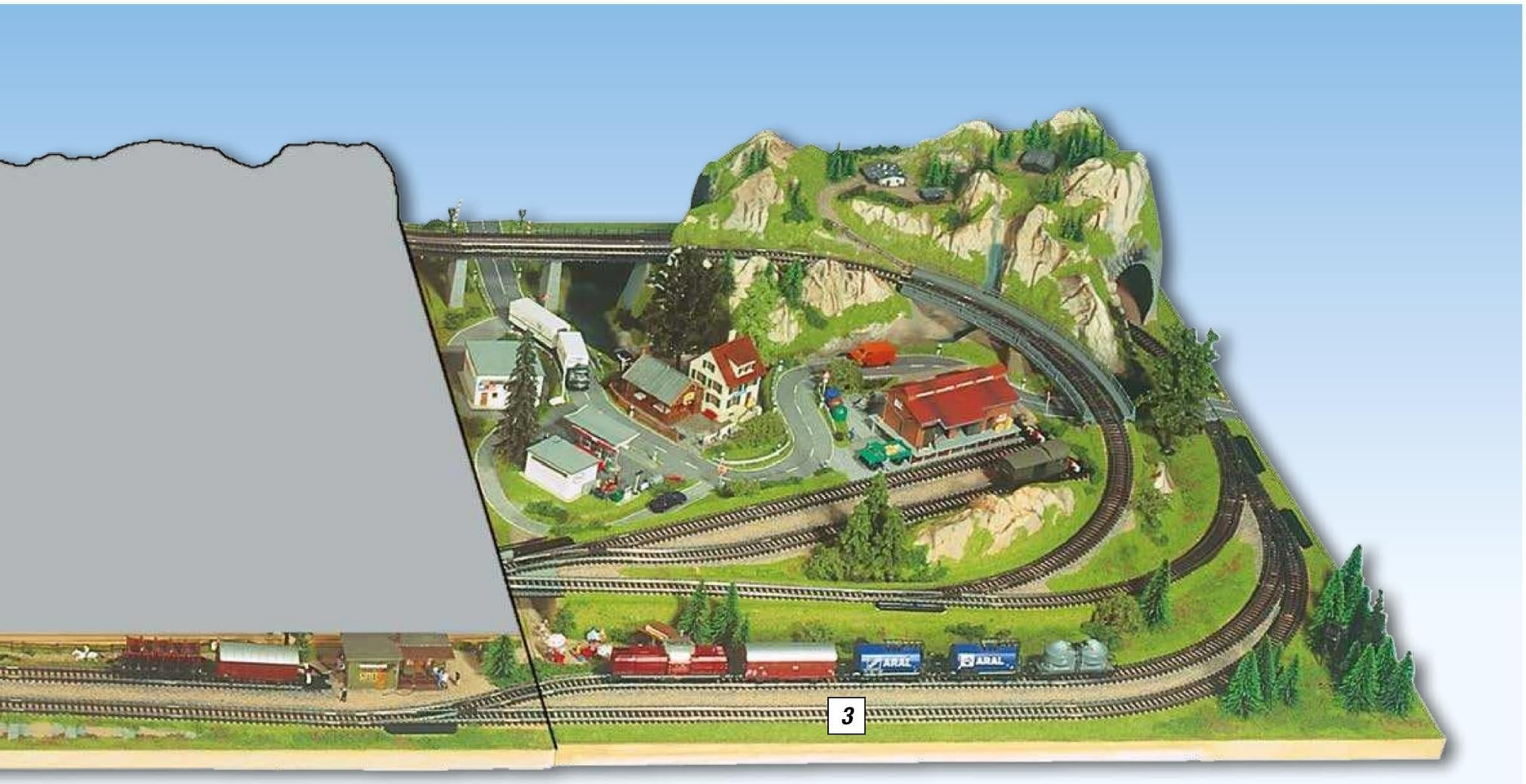
The total depth is 120 cm if the basic layout is expanded on both sides and on the front.
For basic layouts with a depth of only 100 cm, the Front Extension (ref. 81980) can be attached to the front.



A transformer panel can be mounted if, for example, a basic layout with a depth of 100 cm is extended with a non-shortened extension. The transformer panel is described on page 342.

This overview shows the numerous options for expanding the basic layout to the left, right, front and front with ready-made extension pieces.

Ref.	Basic layout	Size in cm	Left 81950	Right 81970	Front 81980
81580	»Königsfeld«	160 x 100	●	●	●
81600	»Rosenheim«	160 x 100	●	●	●
81610	»Mittenwald«	200 x 120	●	●	
81660	»Mühltal«	200 x 100	●	●	●
81710	»Schönmühlen«	160 x 100	●	●	●



3 **H0** **81970** ***Right Extension***

100 cm x 120 cm, approx. 26 cm high, can be shortened to 100 cm x 100 cm. Extension with a charming landscape scene, a long tunnel stretch as well as shunting options.

Note: *if you want to use the extension on a preformed layout with a depth of 120 cm, you will also need one Foam Ramp (ref. 99360).*

Supplied:

- *All extensions are hand-painted and electrostatically flocked (Scatter Grass 2.5 mm, shade summer meadow)*
- *Mounted on sturdy wooden frame*
- *Pre-cut tunnel bases*
- *H0 bridge kit (as required)*
- *Track plans and mounting straps*

Note: *please also pay attention to the information on pages 320 and 321.*

62100 ***Aluminium Frame***
120 cm x 100 cm, 78 cm high

TT ***48790*** ***Scale Replacement***
single track, reduces the tunnel portal from H0 gauge to TT gauge
2 pieces, 14 cm x 10.5 cm

Two sets are required for assembling in TT gauge.

Note: *if you shorten the extension ref. 81970 to the length of 100 cm, the aluminium frame must also be reduced to this size.*

Track plans (valid for all extensions)
Assembly in H0 gauge: *Märklin® metal/plastic/C track, Fleischmann® Modell/Profi track, Roco® Line, Roco® geoLine, TRIX® C track, PIKO A track*
Assembly in TT gauge: *Extensions are suitable for TT, track plans not available*

The extensions also fit discontinued layouts from our range, such as:

Ref.	***Basic layout***	***Size in cm***	***Left 81950***	***Right 81970***	***Front 81980***
80690	*»Grafenweiler«*	*150 x 100*	●	●	●
81500	*»Mindelheim«*	*220 x 120*	●	●	
81550	*»Salzburg«*	*200 x 120*	●	●	
81560	*»Eschenbach«*	*160 x 100*	●	●	●
81570	*»Röthenbach«*	*160 x 100*	●	●	●
81590	*»Steigerwald«*	*150 x 100*	●	●	●
81600	*»Waldburg«*	*140 x 100*	●	●	●
81604	*»Tannau«*	*160 x 100*	●	●	●
81620	*»Altmühl«*	*200 x 100*	●	●	●
81630	*»St. Peter«*	*160 x 100*	●	●	●
81640	*»Rheingau«*	*150 x 100*	●	●	●
81650	*»Badgastein«*	*150 x 100*	●	●	●
81660	*»Breisgau«*	*175 x 100*	●	●	●
81670	*»Arosa«*	*160 x 100*	●	●	●
81670	*»Seeblick«*	*160 x 100*	●	●	●
81680	*»Seeberg / Simmental«*	*150 x 100*	●	●	●

The extensions also fit discontinued layouts from our range, such as:

Ref.	***Basic layout***	***Size in cm***	***Left 81950***	***Right 81970***	***Front 81980***
81700	*»Lahnstein«*	*160 x 100*	●	●	●
81700	*»Münsterland«*	*140 x 100*	●	●	●
81710	*»Frankenalb«*	*150 x 100*	●	●	●
81710	*»Althausen«*	*150 x 100*	●	●	●
81720	*»Freiburg«*	*160 x 100*	●	●	●
81720	*»Kurpfalz«*	*150 x 100*	●	●	●
81730	*»Wildbad«*	*160 x 100*	●	●	●
81750	*»Wiesensteig«*	*140 x 100*	●	●	●
81750	*»Brauneck«*	*140 x 100*	●	●	●
81760	*»Odenwald«*	*150 x 100*	●	●	●
81760	*»Kirchberg«*	*150 x 100*	●	●	●
81770	*»Weilheim«*	*160 x 100*	●	●	●
81770	*»Schönblick«*	*140 x 100*	●	●	●
81780	*»Mühlhausen«*	*140 x 100*	●	●	●

Note: *all available track plans for current and previous preformed layouts can be found at www.noch.com.*



»Baden-Baden« Preformed Layout, built in N

Big Railway Station, Tall Bridges!

»Baden-Baden« Preformed Layout

»Baden-Baden« is a particularly attractive large model with a lot of possibilities for operating trains, and thus meets the demands of technically-advanced railway modellers.
A romantic spa town lies in this very realistic-looking lower mountainous region, whose main attraction is the impressive railway station with five through lines and two platforms. Alongside it are a railway rolling-stock division with six sidings and a double incline. Long trains can be placed without any difficulty on the particularly spacious route. Six tunnels, four staggered bridges and a mountain route with a branch line station make for an extremely realistic train drive. In addition, there is a fully functioning level crossing and a small lake with a flowing brook and weir.

N gauge and Z gauge:
Four railway circuits and seven sidings. When assembling in Z gauge, longer, doubled-headed trains (two locomotives) must be in operation along the mountain route.

Supplied:
- *Basic layout hand-painted and electrostatically flocked (Scatter Grass 2.5 mm, shade summer meadow)*
- *Mounted on sturdy wooden frame*
- *Pre-cut tunnel bases*
- *N/Z bridge kit*
- *Track plans for all systems listed in the table*

Expansion options:
Illustrations and descriptions of the extensions can be found following the preformed layouts.

62475 ***Aluminium Frame***
175 cm x 100 cm
The ideal support system for the NOCH »Baden-Baden« Preformed Layout.
A detailed description of the system can be found on page 342.

G 1 0 HO TT **N** **Z**



»Baden-Baden« Preformed Layout
175 cm x 100 cm, approx. 31 cm high   N Z **84830**
4 railway circuits
Assembly in N gauge: *Arnold®, Fleischmann® piccolo, Minitrix®*
Assembly in Z gauge: *Märklin® mini-club, ROKUHAN*

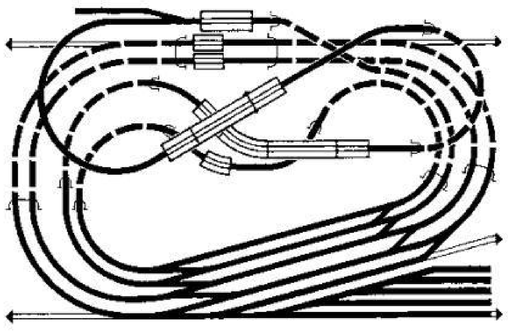


Z **44790** ***Scale Replacement***
single track, reduces the tunnel portal from N gauge to Z gauge, 9 cm x 7 cm

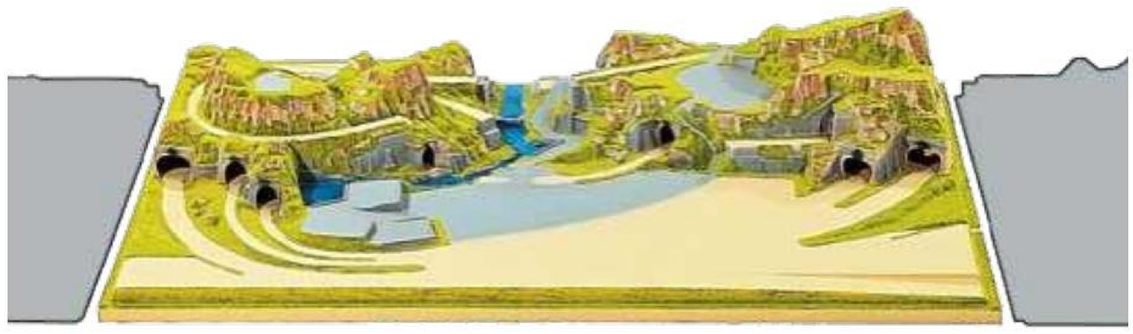
Z **44800** ***Scale Replacement***
double track, reduces the tunnel portal from N gauge to Z gauge, 9 cm x 7 cm

For assembling in Z gauge, 4 x ref. 44790 and 3 x ref. 44800 are required.

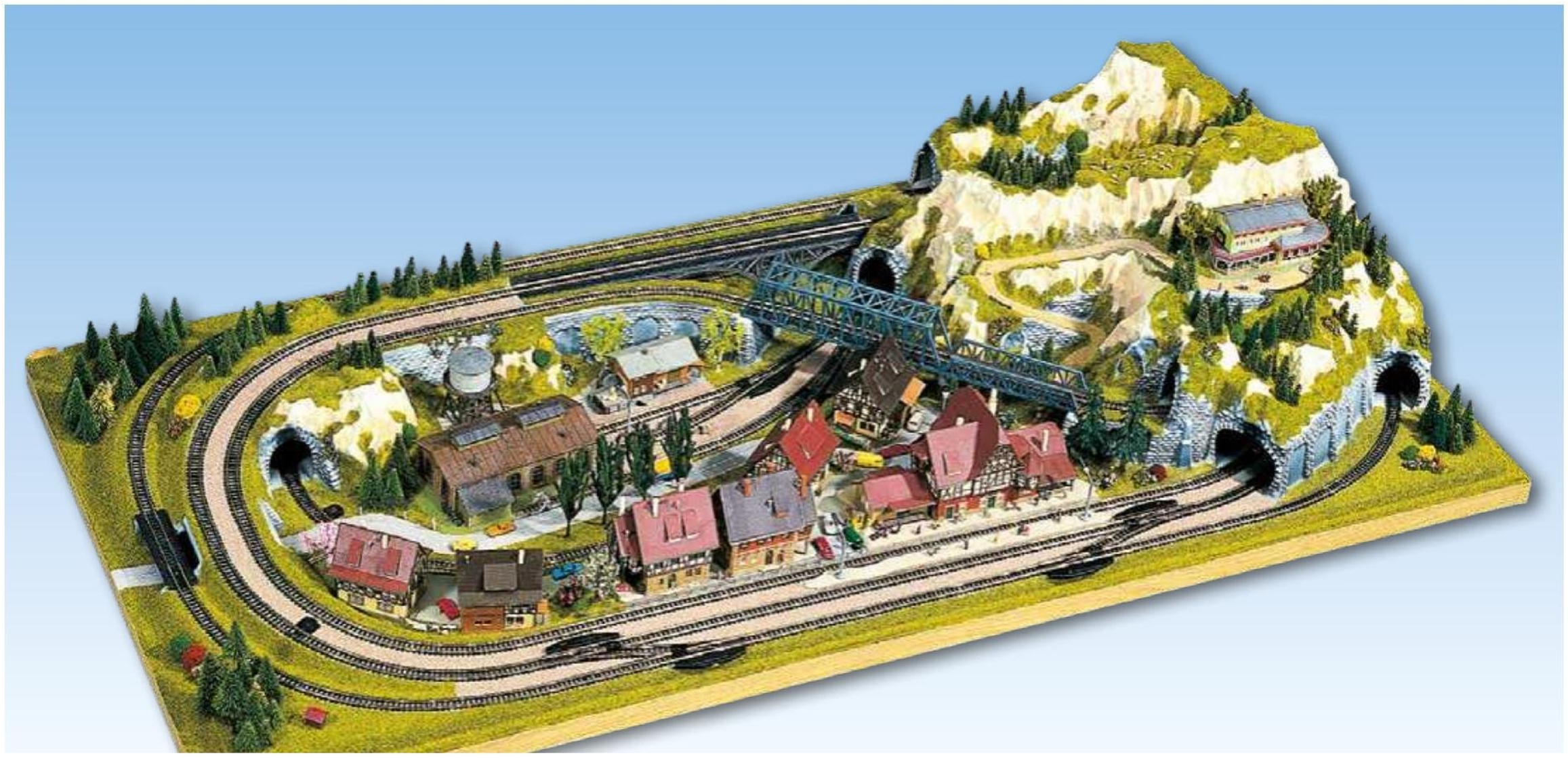
Note: *please also pay attention to the information on pages 320 and 321.*



N Track diagram basic layout



Supplied basic layout and extensions (extensions shown in grey)



»Staufen« Preformed Layout, built in N

A lot of Fun with Trains in N Gauge!

»Staufen« Preformed Layout

The beautifully reproduced lower mountainous landscape, with its spacious mountain guesthouse, gives the »Staufen« layout special charm. Also the timber-framed style of the station district, tightly packed against the rails, lets the imagination run free. The lavishly developed network of N-gauge railway track comprises an imposing station, some large bridges and three sidings.

Supplied:

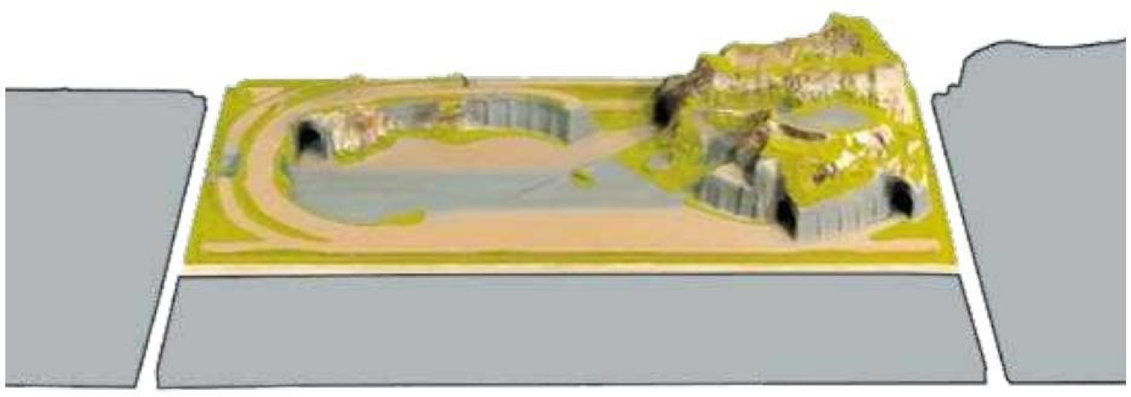
- *Basic layout hand-painted and electrostatically flocked (Scatter Grass 2.5 mm, shade summer meadow)*
- *Mounted on sturdy wooden frame*
- *Pre-cut tunnel bases*
- *Bridge kit*
- *Track plans for all systems listed in the table*

Expansion options:
Illustrations and descriptions of the extensions can be found following the preformed layouts.

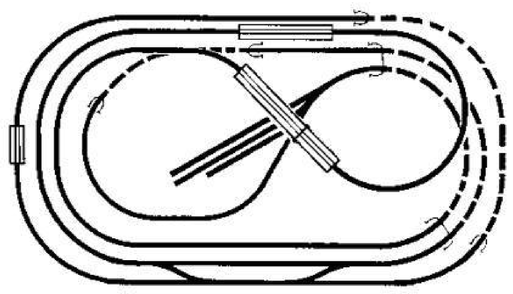
62440 Aluminium Frame
140 cm x 69 cm + 31 cm (extendible up to 100 cm)
The ideal support system for the NOCH »Staufen« Preformed Layout.
A detailed description of the system can be found on page 342.

Note: *please also pay attention to the information on pages 320 and 321.*

»Staufen« Preformed Layout
140 cm x 69 cm, approx. 27 cm high
N ***83870***
2 railway circuits
Assembly in N gauge: *Arnold®, Fleischmann® piccolo, Minitrix®*

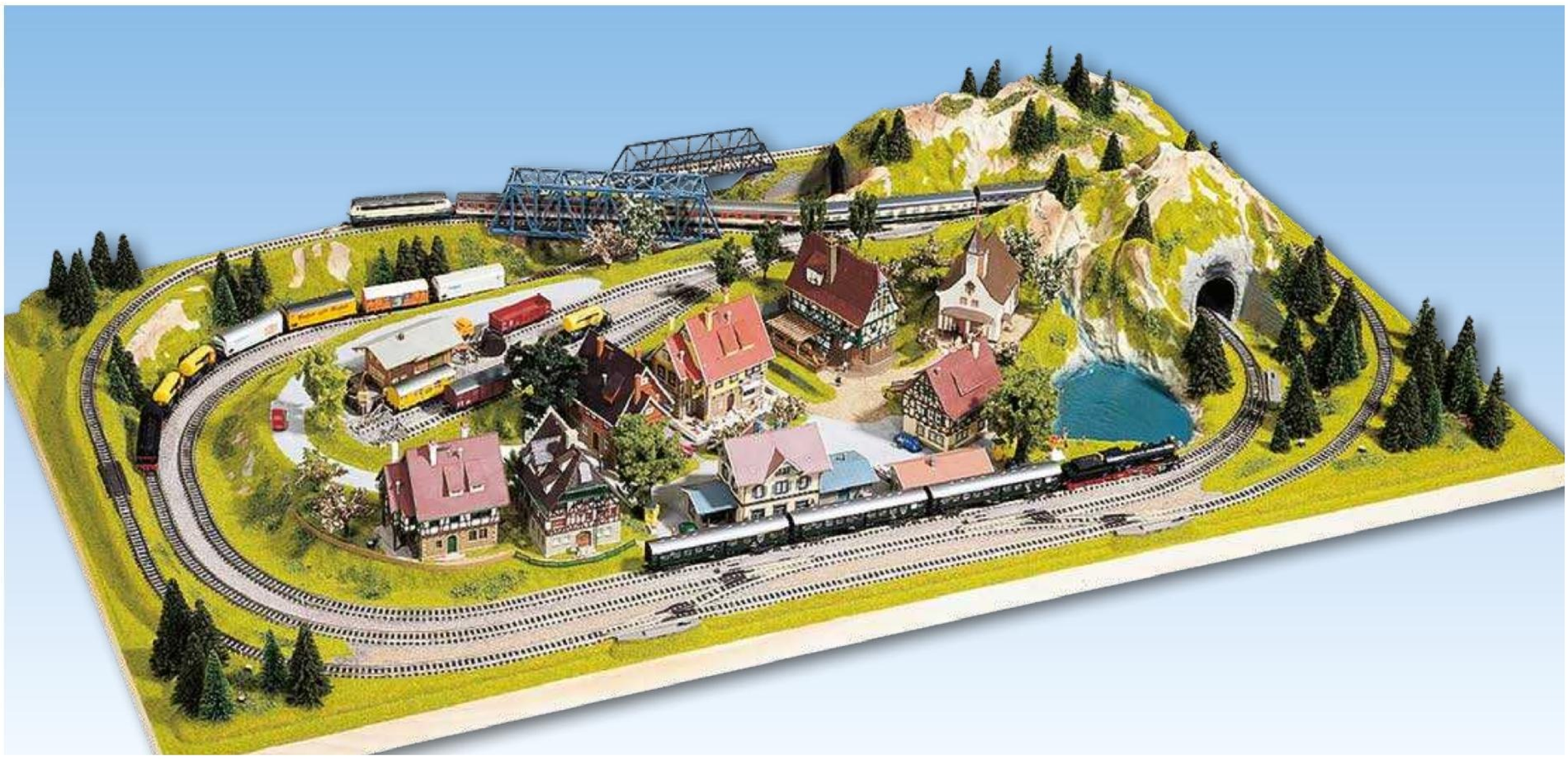


Supplied basic layout and extensions (extensions shown in grey)



Track diagram basic layout

G 1 0 H0 TT **N** Z



»Traunstein« Preformed Layout, built in N

Amongst the Foothills of the Bavarian Alps...

»Traunstein« Preformed Layout

»Traunstein« Preformed Layout
125 cm x 69 cm, approx. 18 cm high
N *Z* **84810** **€ 349,99**
N gauge: 2 railway circuits
Z gauge: 3 railway circuits
Assembly in N gauge: *Arnold®, Fleischmann® piccolo, Minitrix®*
Assembly in Z gauge: *Märklin® mini-club, ROKUHAN*

The foothills of the Alps in the perfect size! The »Traunstein« layout is the ideal size for fascinating driving. With two railway circuits (or three in Z gauge), two bridges and four sidings, »Traunstein« lets you enjoy a varied model railway scene.

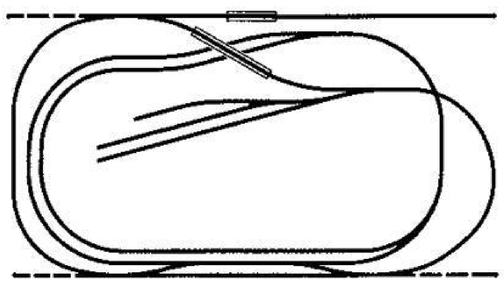
The small mediaeval town, the small goods station and the flowing brook with a lake, lend the layout an appealing Alpine flair. This preformed layout can be expanded with all fitting extensions.

Supplied:

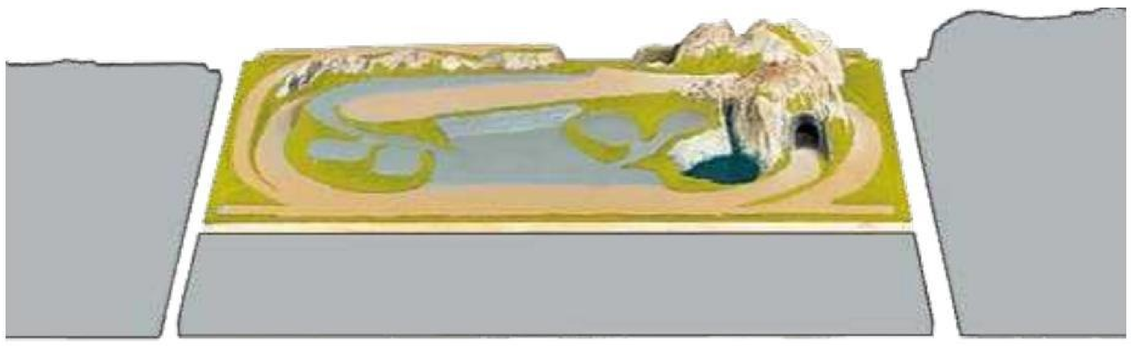
- *Basic layout hand-painted and electrostatically flocked (Scatter Grass 2.5 mm, shade summer meadow)*
- *Mounted on sturdy wooden frame*
- *Pre-cut tunnel bases*
- *N/Z bridge kit*
- *Track plans for all systems listed in the table*

Expansion options:

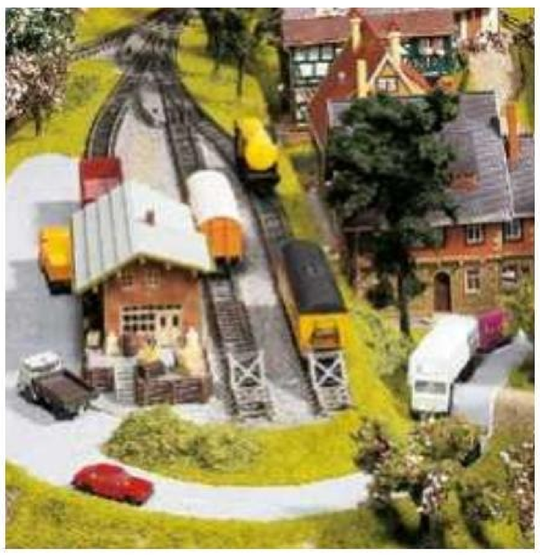
Illustrations and descriptions of the extensions can be found following the preformed layouts.

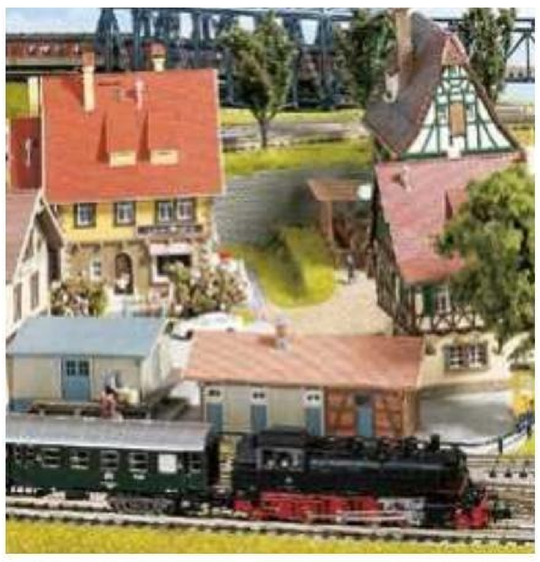


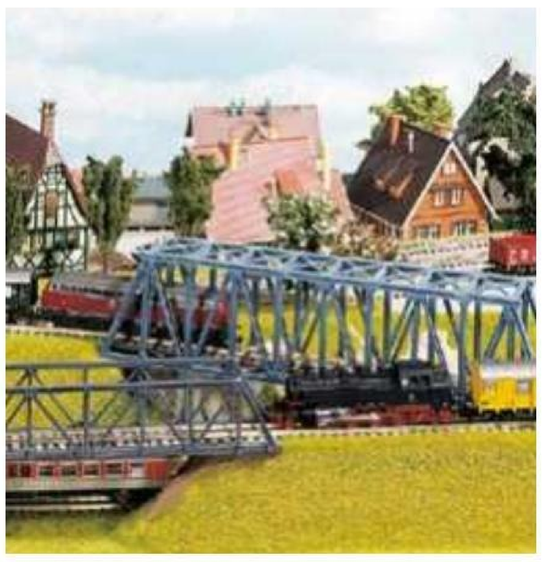
N Track diagram basic layout



Supplied basic layout and extensions (extensions shown in grey)







62425 ***Aluminium Frame***
125 cm x 69 cm + 31 cm (extendible up to 100 cm)
The ideal support system for the NOCH »Traunstein« Preformed Layout.
A detailed description of the system can be found on page 342.

Z ***44800*** ***Scale Replacement***
double track, reduces the tunnel portal from N gauge to Z gauge 2 pieces, 9 cm x 7 cm

One set is required for assembling in Z gauge.

Note: *please also pay attention to the information on pages 320 and 321.*



»Bergün« Preformed Layout, built in N with KATO Unitrack tracks

Aiming High into the Swiss Mountains!

»Bergün« Preformed Layout

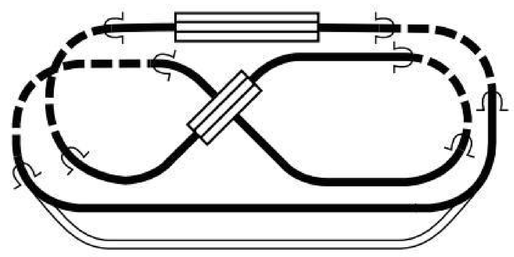
We are pleased to present this layout, specially made for the mountaineering trains of the »Rhaetian Railway®« and where the Glacier Express, for example, really comes into its own.
This small preformed layout has it all: nowhere else is there so much track on such a little area, with a striking interaction between mountains and valleys, as well as a gradient of up to 5%.

Supplied:
- *Basic layout hand-painted and electrostatically flocked (Scatter Grass 2.5 mm, shade summer meadow)*
- *Mounted on sturdy wooden frame*
- *Pre-cut tunnel bases*
- *Laser-Cut Bridge Kit*
- *Hard Foam Quarrystone Viaduct (ref. 34860)*
- *Track plan for assembly with KATO Unitrack*

Expansion options:
Due to the Bergün Preformed Layout's varying dimensions, the layout cannot be expanded by NOCH standard extensions.

62420** **Aluminium Frame
125 cm x 60 cm
The ideal support system for the »Bergün« Preformed Layout.
A detailed description of the system can be found on page 342.

»Bergün« Preformed Layout
125 cm x 60 cm, approx. 34 cm high
N** **83860
1 railway circuit
Assembly in N gauge: *Only with KATO Unitrack, min. radius 150*



Track diagram basic layout

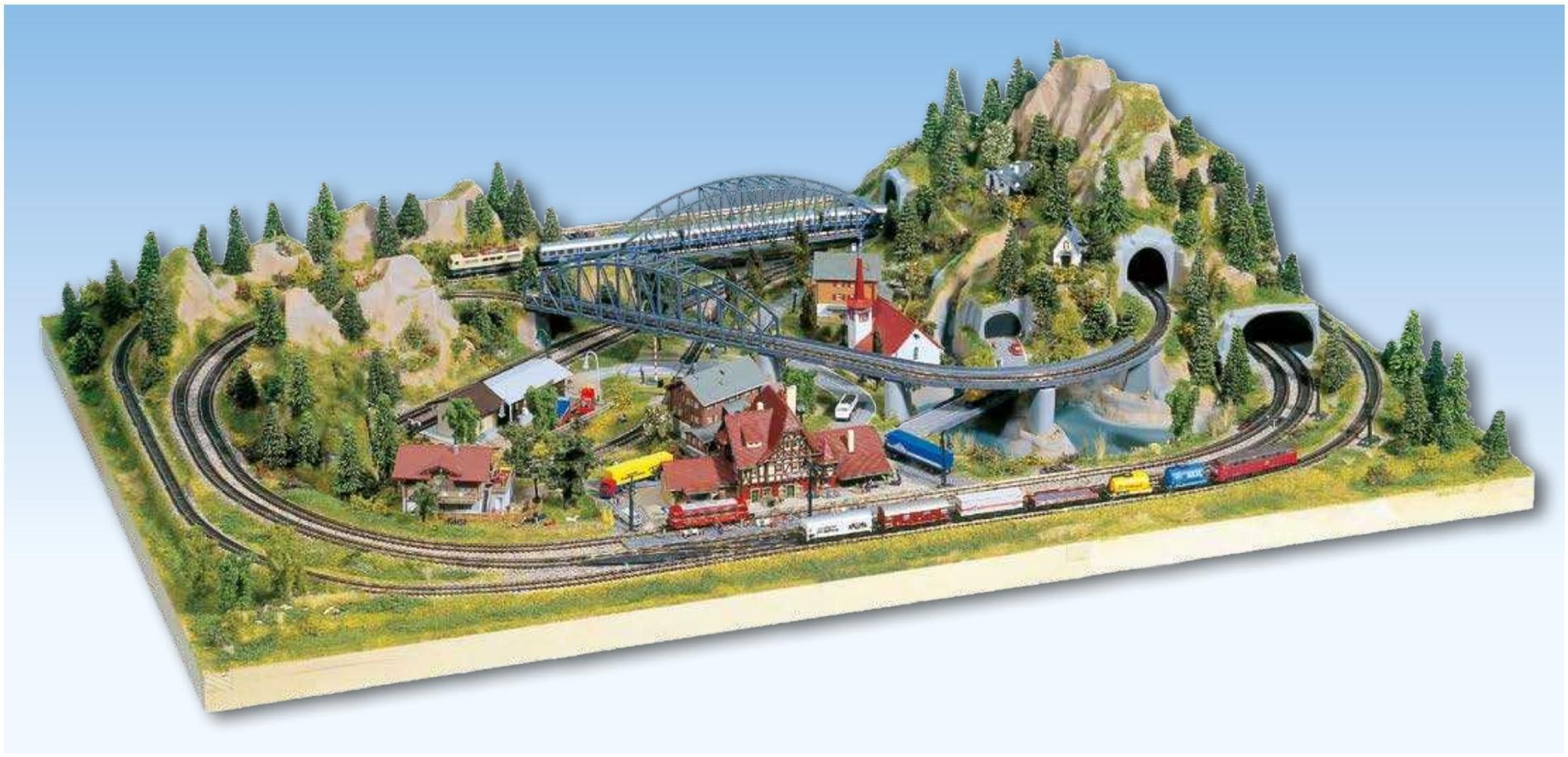
Important:
Construction is only possible with KATO Unitrack tracks, since the smallest radius is R150. The layout is designed for KATO Rhaetian Railway® series locomotives and carriages, as well as for trains whose driving characteristics allow for a tight radius and 5% incline. Please note the manufacturer's information when operating with other locomotives and carriages!

Matching KATO N Track Set for »Bergün« Layout ref. 83860	
Ref.	***Description***
7079840	*KATO N Track Set for Layout »Bergün«* ***Savings of 10 % compared to the individual purchase***



Supplied layout

Note:
Further information on the KATO Unitrack system and the KATO Glacier Express, as well as the KATO Allegra, can be found from page 376 onwards.



»Cortina« Preformed Layout, built in Z

»Cortina« Preformed Layout
100 cm x 69 cm, approx. 21 cm high Z **85880**
2 railway circuits
Assembly in Z gauge: *Märklin® mini-club, ROKUHAN*

Scaling New Heights!

»Cortina« Preformed Layout

The interplay between mountain and valley, rock and water, makes for a charming landscape, which is also traversed by an interesting railway route: the Preformed Layout »Cortina« in Z gauge. Detachable mountain peaks facilitate installation. Two sidings and a large lake with a flowing brook round off the layout, which is incidentally also compatible with a functioning catenary system.

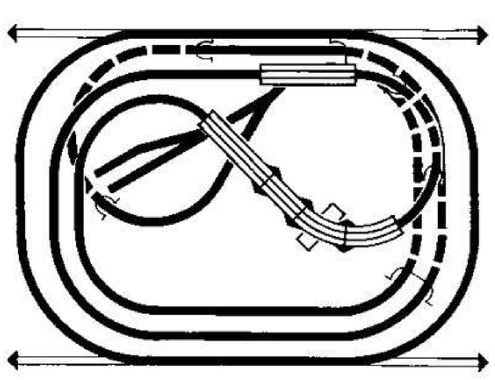
Bridge Kit
According to the enclosed parts list, Märklin® bridges are required for assembly.

Supplied:
- *Basic layout hand-painted and electrostatically flocked (Scatter Grass 2.5 mm, shade summer meadow)*
- *Mounted on sturdy wooden frame*
- *Pre-cut tunnel bases*
- *Track plans*

Expansion options:
Illustrations and descriptions of the extensions can be found following the preformed layouts.

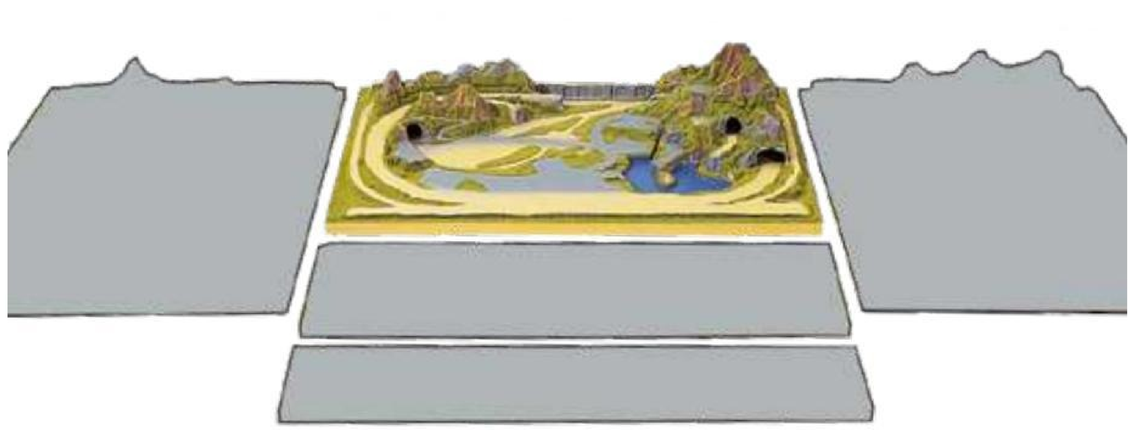
62400 Aluminium Frame
100 cm x 69 cm + 31 cm (extendible up to 100 cm)
The ideal support system for the »Cortina« Preformed Layout.
A detailed description of the system can be found on page 342.

Note: *please also pay attention to the information on pages 320 and 321.*

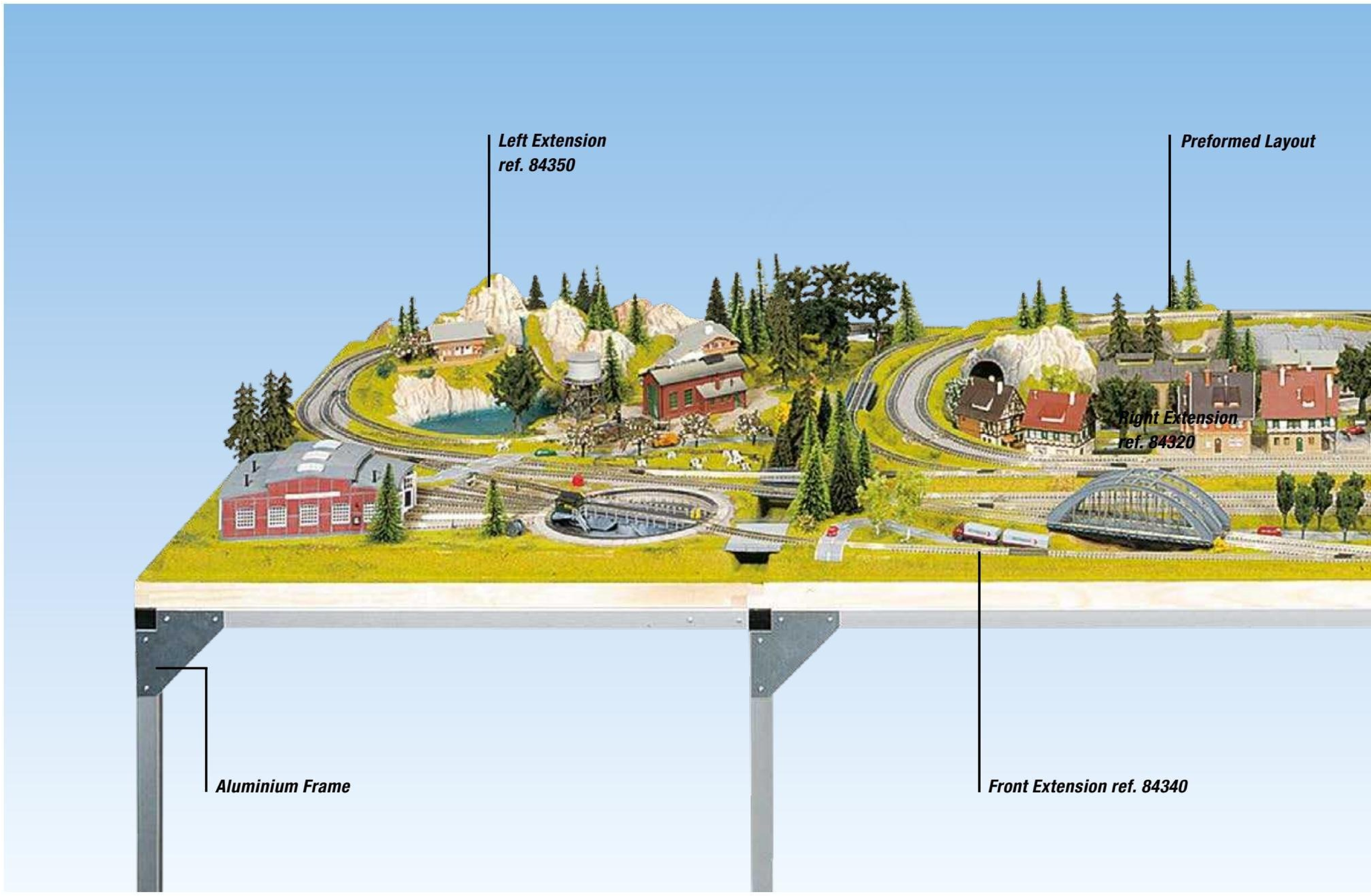


Track diagram basic layout





Supplied basic layout and extensions (extensions shown in grey)



Note: picture shows prototype version for illustration purposes only. Actual layouts may vary.

Expansion Options

You can immediately or subsequently expand your N- or Z-gauge preformed layout with extensions (excluding the »Bergün« Preformed Layout and Structured Hard Foam Preformed Layouts).
The extensions match the preformed layouts in colour and realistic flocking, with support frames and, where necessary, a bridge kit and tunnel bases. Each extension is equipped with a set of mounting straps.
Preformed Layouts with a width of 69 cm can be lengthened to a width of 100 cm with the help of the Front Extension (ref. 84340). The right or left extensions can then be installed.
For the »Cortina« Preformed Layout, the special Front Extension (ref. 85340) is required.

Applicable to all extensions:
Assembly in N gauge:
Arnold®, Fleischmann® piccolo, Minitrix®

Assembly in Z gauge:
Märklin® mini-club, (ROKUHAN in preparation)

Supplied:
- *Basic layout hand-painted and electrostatically flocked (Scatter Grass 2.5 mm, shade summer meadow)*
- *Mounted on sturdy wooden frame*
- *Pre-cut tunnel bases*
- *N/Z bridge kit, track plans and mounting straps.*

62369 ***Aluminium Frame***
100 cm x 69 cm
The ideal support system for the extension layouts ref. 84320 and 84350. A detailed description of the system can be found on page 342.

N Z **84350** ***Left Extension Layout***
69 cm x 100 cm
approx. 16 cm high

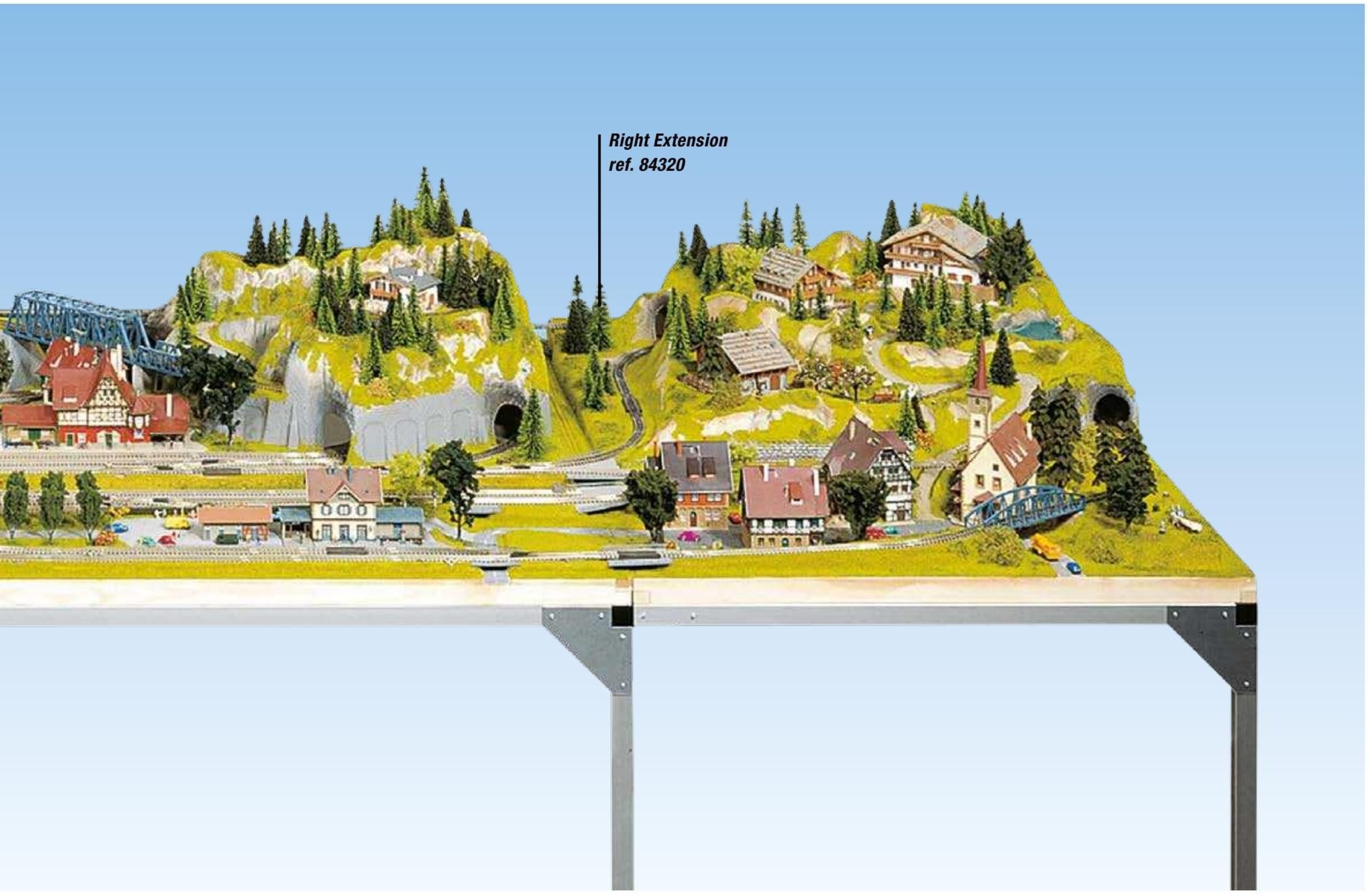
N Z **84340** ***Front Extension Layout***
140 cm x 31 cm
can be shortened to 125 cm

Z **85340** ***Front Extension Layout***
100 cm x 30 cm
Compatible only with the preformed layout ref. 85880 »Cortina«

N Z **84320** ***Right Extension Layout***
69 cm x 100 cm
approx. 21 cm high

Z **44790** ***Scale Replacement***
single track, reduces the tunnel portal from N gauge to Z gauge
2 pieces, 9 cm x 7 cm

Two sets are required for assembling the right extension layout in Z gauge.



Overview of connection options for basic layouts and extensions						
Ref.	**Model**	**Size in cm**	**84350 Left Extension**	**84340 Front Extension**	**85340 Front Extension**	**84320 Right Extension**
84810	»Traunstein«	125 x 69	●	●		●
83870	»Staufen«	140 x 69	●	●		●
84830	»Baden-Baden«	175 x 100	●			●
85880	»Cortina«	100 x 69	●		●	●
Extensions also fit discontinued models from our range, such as:						
83640	»Jura«	175 x 100	●			●
83740	»Hochgrat«	150 x 100	●			
84820	»Kaiserstuhl«	160 x 100	●			●
84840	»Kufstein«	125 x 69	●	●		●
84850	»Immental«	125 x 69	●	●		●
84860	»Kitzbühel«	140 x 69	●	●		●
84860	»Schluchsee«	140 x 69	●	●		●
84900	»Silbertal«	125 x 69	●	●		●

Aluminium Frames

If you want to give your model railway layout a firm footing, then the NOCH Aluminium Frame is ideal. The aesthetically pleasing aluminium frame is a very sturdy and yet lightweight support system made of anodised aluminium profiles. It can be mounted under NOCH Preformed Layouts as well as under your own layout. In the table below, you can see which preformed layout or size of layout fits the aluminium frame.

How the frames are supplied:
Tailor-made aluminium profiles and connecting elements for assembly, including instructions. Height 78 cm.



Aluminium Frames for NOCH Preformed Layouts and Extension Layouts		
Ref.	***Length in cm***	***Width in cm***
62070	*120*	*70*
62100	*120*	*100*
62150	*150*	*100 + 20**
62160	*160*	*100 + 20**
62200	*200*	*100 + 20**
62220	*220*	*140*
62369	*100*	*69*
62400	*100*	*69 + 31***
62420	*125*	*60*
62425	*125*	*69 + 31***
62440	*140*	*69 + 31***
62475	*175*	*100*

** Width up to 120 cm possible*

*** Width up to 100 cm possible*

Aluminium Frame:
Sturdy yet lightweight frame made of anodised aluminium forms an aesthetically pleasing support structure for your model landscape.



Transformer Panel and Aluminium Frame

With the help of the Transformer Panels (ref. 50303 and 50305), you can install transformers, control panels and switches on the front of your layout. Among other things, it can be attached to any NOCH Preformed Layout or your own unique layout.
For added stability, the Aluminium Frames (ref. 62600 and 62660) are also available as support systems for the transformer panels.



62600 ***Aluminium Frame***
100 cm x 20 cm, including legs
suitable for Transformer Panel Kit ref. 50305

62660 ***Aluminium Frame***
60 cm x 20 cm, including legs
suitable for Transformer Panel Kit ref. 50303

50303 ***Transformer Panel***
60 cm x 20 cm
Contents: plastic board on wooden frame
2 angle-irons, screws and adhesive

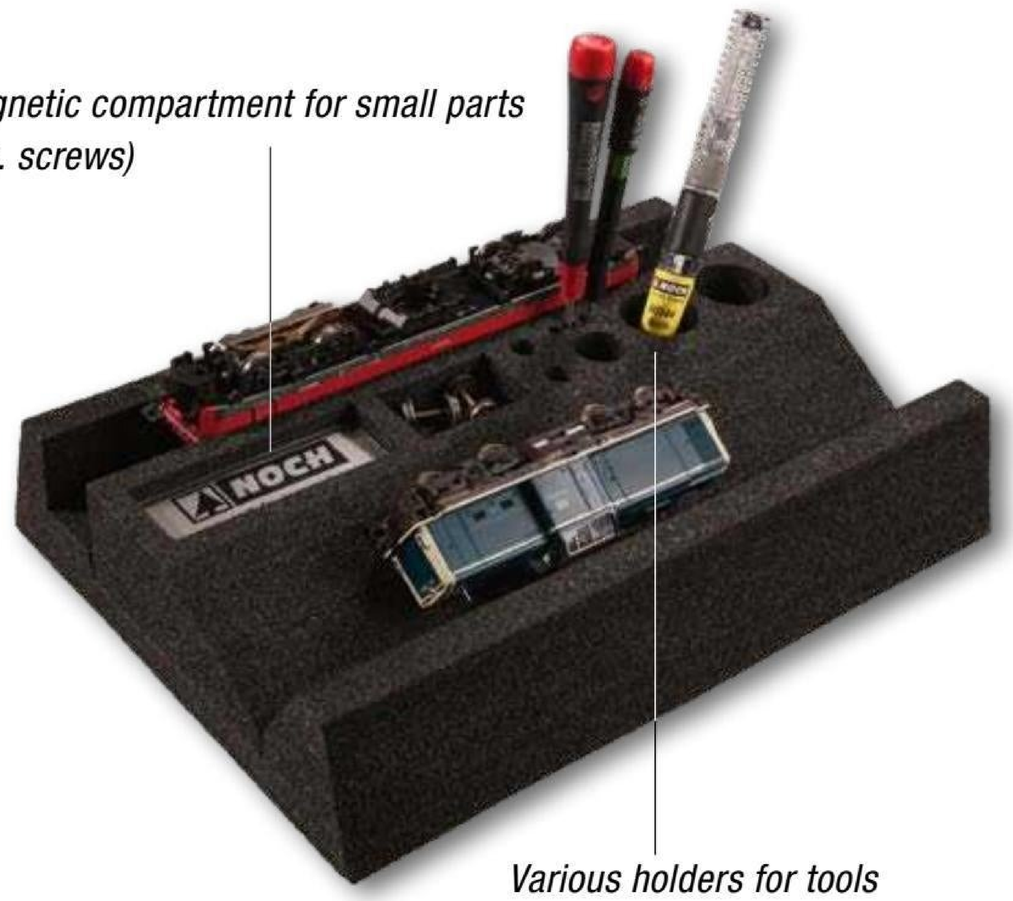
50305 ***Transformer Panel***
100 cm x 20 cm
Contents: plastic board on wooden frame
2 angle-irons, screws and adhesive

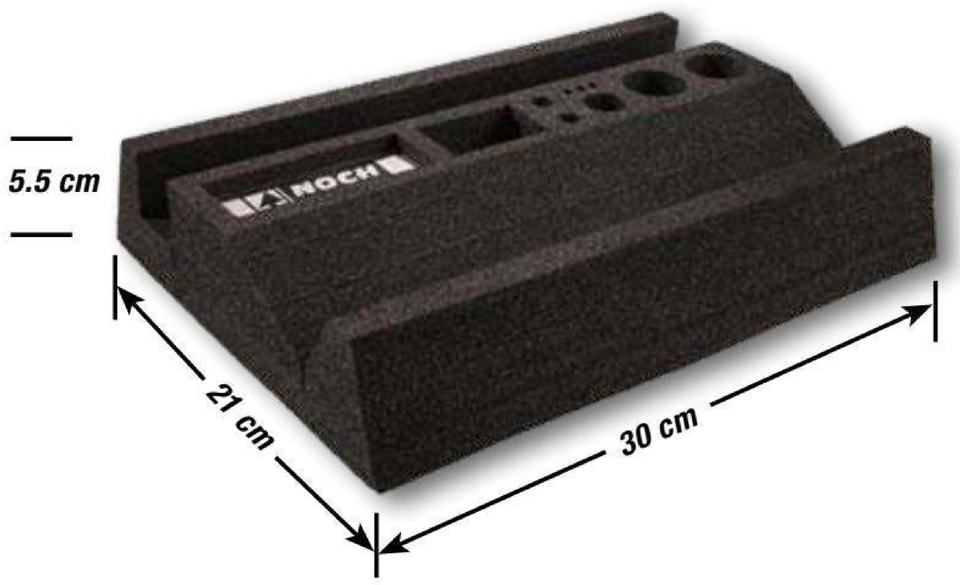
Safe in Bed!

Made in Germany

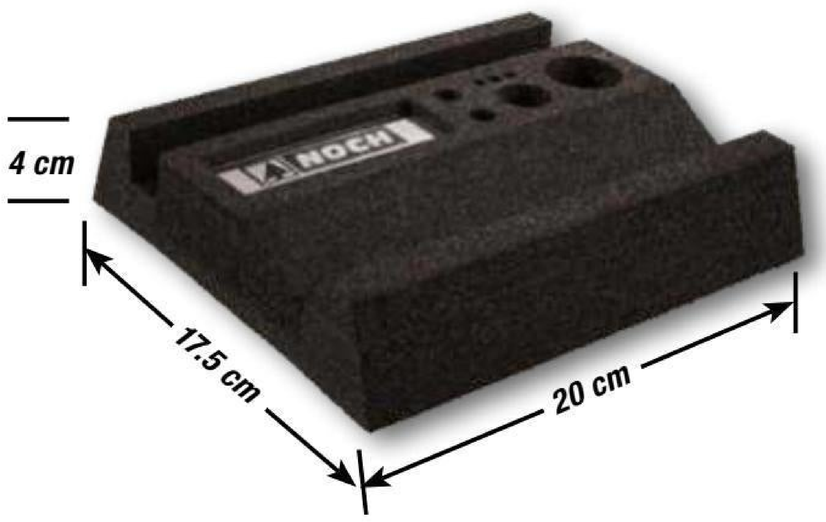
PROFI Foam Train Service Tray

Developed by professionals for professionals, this is reflected in the many details of these Foam Train Service Trays. The PROFI Foam Train Service Tray has two hollows for your locomotives. In one, the locomotive can be clamped upside down in the soft foam. It is now easy to inspect from below, and gears and axles can be easily oiled. Locos and waggons can be placed sideways or diagonally upside down in the sloping tray. This allows side panels to be cleaned and engines and piston rods to be repaired, as well as many other servicing jobs.
The Foam Train Service Trays have different compartments and recesses, in which a brush, oil pen and tools can fit.
Small parts and screws can be stored in the integrated compartments. So that small parts do not get lost, a magnetic disc is incorporated in one compartment. The tiniest screws, for example, adhere to it.



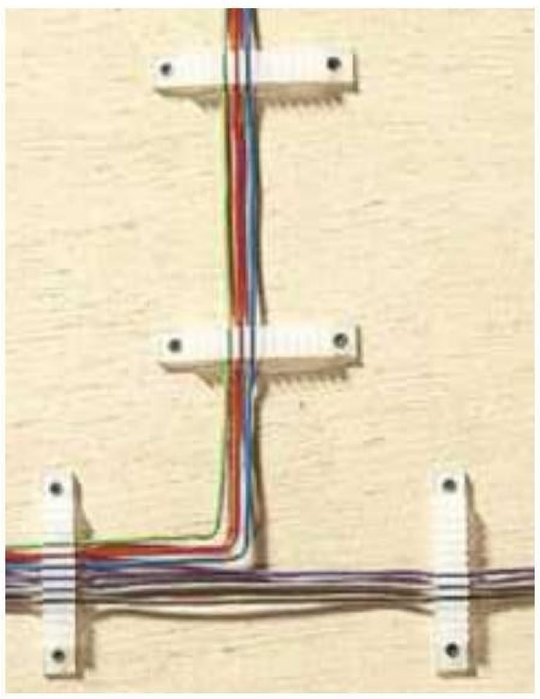


HO TT **99355** *PROFI Foam Train Service Tray*



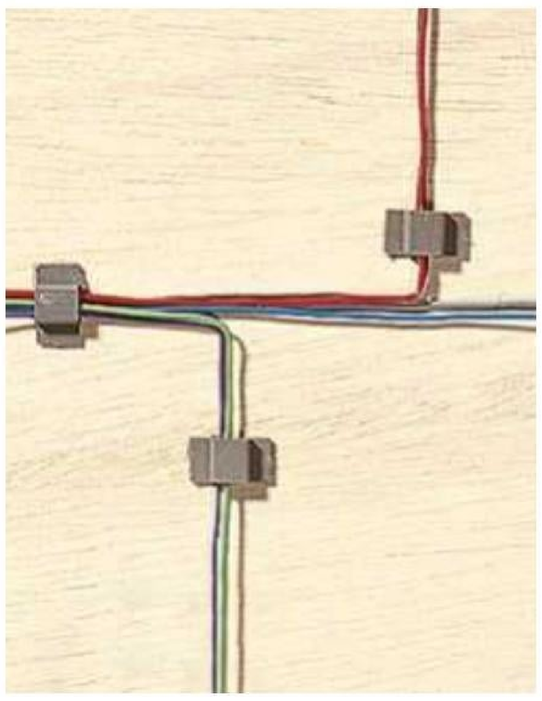
N Z **99352** *PROFI Foam Train Service Tray*

Cable Ties and Mounting Clips



60160 *Cable Ties*
10 clamping strips for each 12 cables, simply stick or nail under the layout and click the cables into the clamps





60180 *Mounting Clips*
20 pieces, simply stick or nail under the layout and pull the cable through the clip



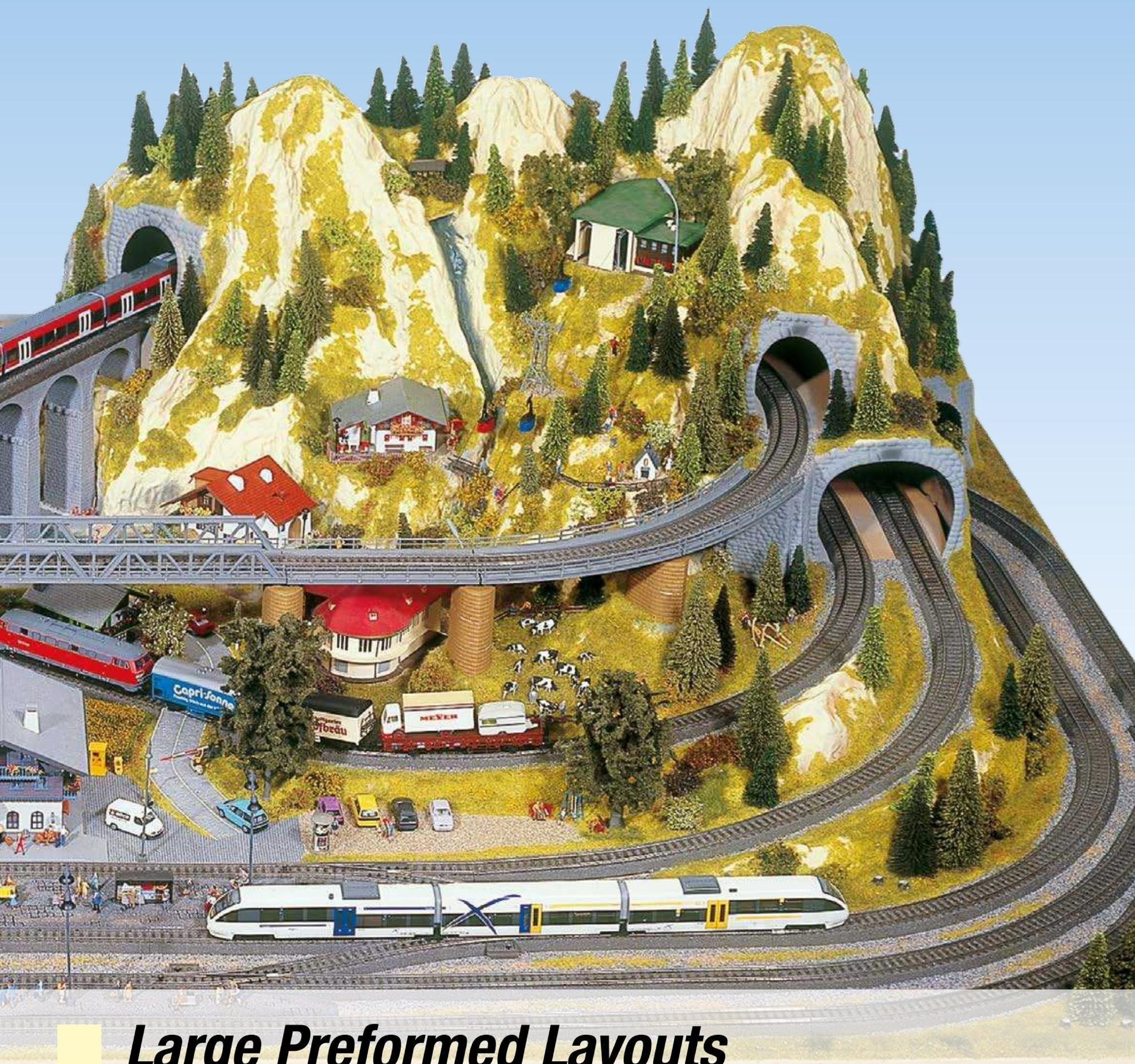
Colours, combinations and forms are subject to change without prior notice.

Layouts for Particularly Exacting Railway Modellers

NOCH Large Preformed Layouts are model landscapes with commanding dimensions. The Large Preformed Layout »Silvretta« offers driving fun on huge tracks, over bridges, through tunnels and along beautiful landscapes. With the modular layout »Heidelberg«, you can customise your layout from six different modules. The shape and size can be freely adjusted as per your wishes.

G 1 O **H0** TT N Z

Track plans of all current NOCH Large Preformed Layouts for download at www.noch.com.



Large Preformed Layouts

»Silvretta« – from page 346

- *Basic dimensions: 220 cm x 140 cm*
- *Expansion of up to 440 cm x 180 cm possible through extensions*

»Heidelberg« – from page 350

- *Modular large layout made of individual modules that can be joined up however you like*
- *Easy implementation of a long layout and corner solutions*



»Silvretta« Large Preformed Layout, built in H0

An Impressive Format!

»Silvretta« Large Preformed Layout

Full of exciting contrasts that is how the exquisite area of Silvretta presents itself in real life. And the model version is in no way inferior! Just like the original, the NOCH Large Preformed Layout »Silvretta« shows off an impressive mountainous landscape with the typical reservoirs and flowing brooks. Three independently driving trains, numerous bridges and tunnels, as well as stations with sufficient sidings, leave no railway modeller's wish unfulfilled.

Supplied:

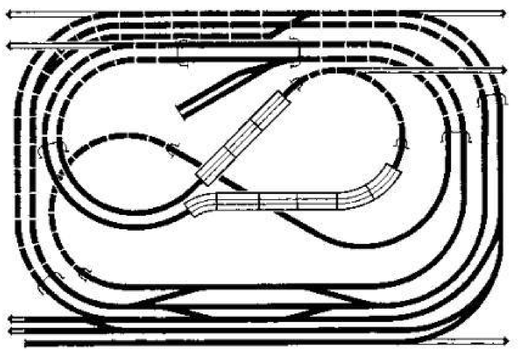
- *Basic layout hand-painted and electrostatically flocked (Scatter Grass 2.5 mm, shade summer meadow)*
- *Mounted on sturdy frame structure*
- *Built-in tunnel bases*
- *H0 bridge kit*
- *Track plans for all systems listed in the adjacent table (except TT gauge)*
- *»Preformed Layouts« DVD Guide*

62220 Aluminium Frame

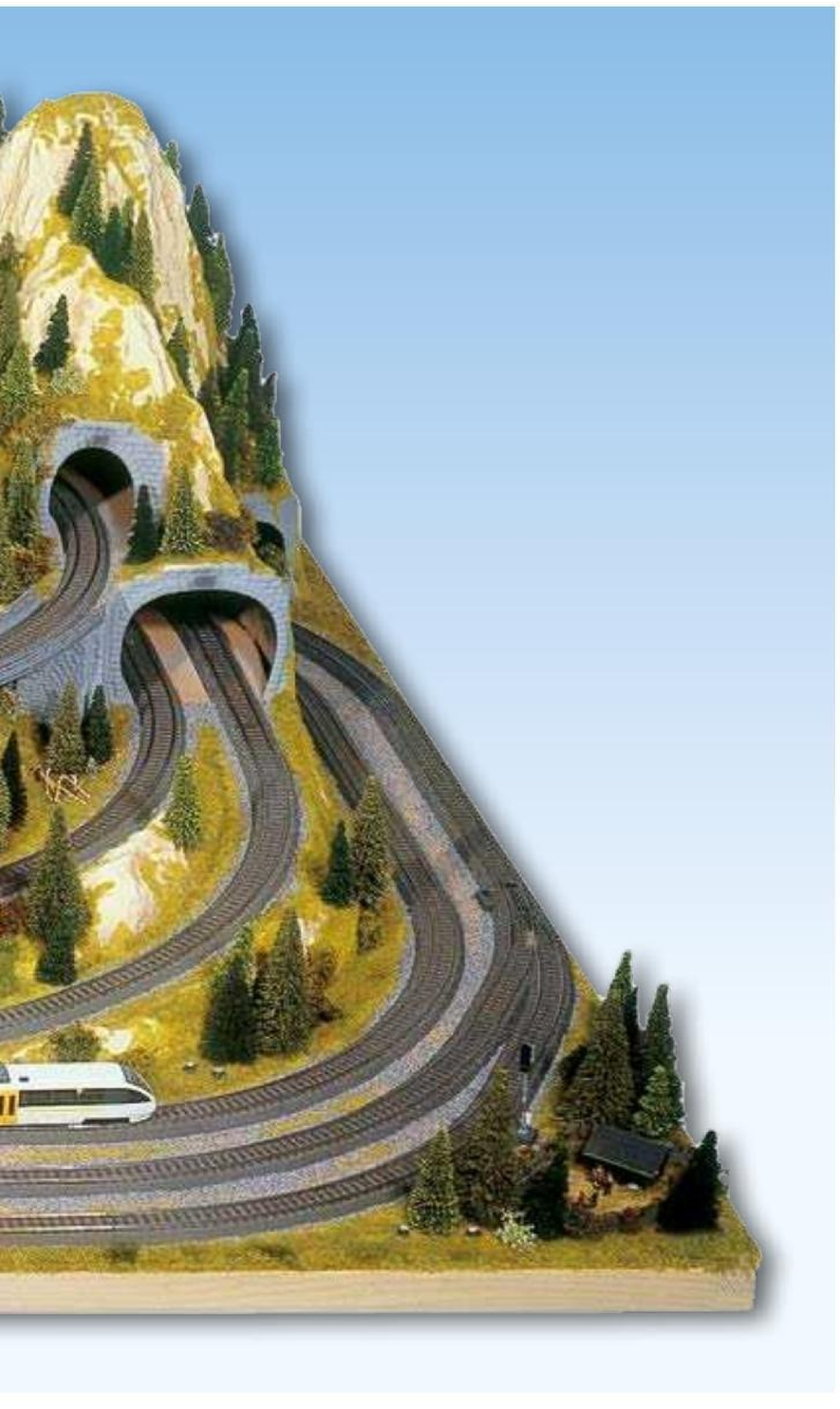
The Aluminium Frame (ref. 62220) is the ideal support system for the NOCH Large Preformed Layout »Silvretta«. A detailed description of the system can be found on page 342.

***Note:** please also pay attention to the information on pages 320 and 321.*

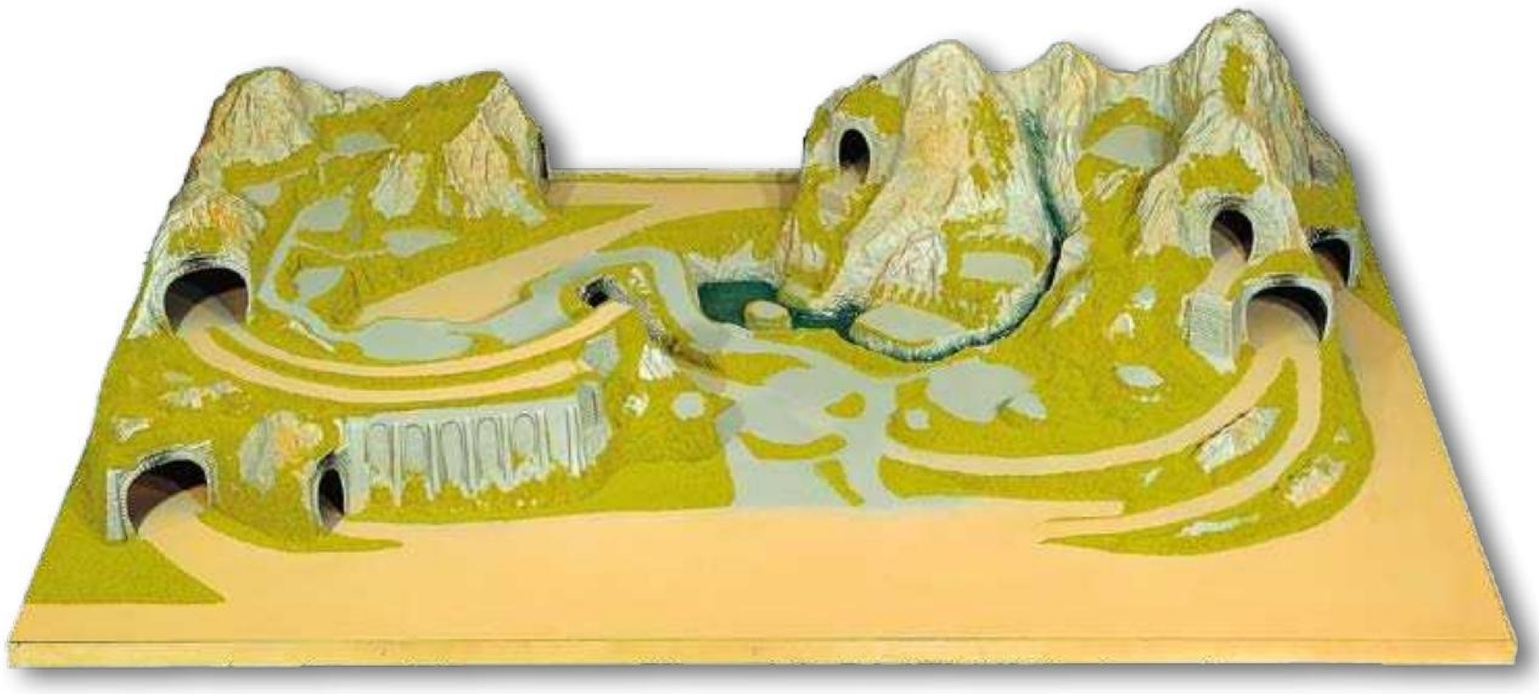
»Silvretta« Large Preformed Layout
220 cm x 140 cm, approx. 52 cm high   **H0** ***80100***
3 railway circuits
Assembly in H0 gauge: *Märklin® metal/plastic/C track, Fleischmann® Modell/Profi track, Roco® geoLINE, TRIX® C track*
Assembly in TT gauge: *Suitable for TT*



Track diagram basic layout



Track plans of all current NOCH Large Preformed Layouts for download at www.noch.com.



Supplied basic layout

Expansion Options for the Large Preformed Layout »Silvretta«:

Version A

H0 **80120** *»Turntable« Left Extension Layout*

80120 100 cm	140 cm	**Basic layout 80100** 220 cm

Version B

H0 **80140** *»Industrial Harbour« Right Extension Layout*

H0 **80101** *Front Extension Layout*

	140 cm	**Basic layout 80100** 220 cm
40	**80101**	120 cm

80140 180 cm

Version C

H0 **80120** *»Turntable« Left Extension Layout*

H0 **80121** *Front Extension Layout for »Turntable« Extension*

H0 **80140** *»Industrial Harbour« Right Extension Layout*

H0 **80101** *Front Extension Layout*

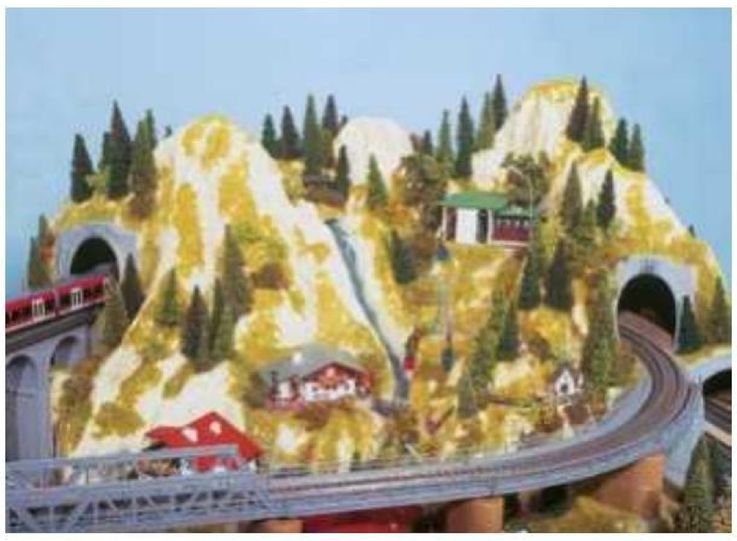
80120 100 cm	140 cm	**Basic layout 80100** 220 cm
80121	40 **80101**	120 cm

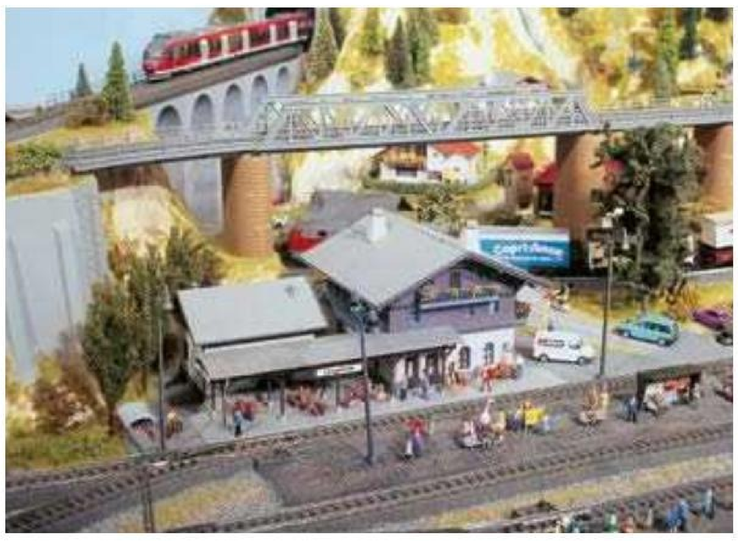
80140 180 cm

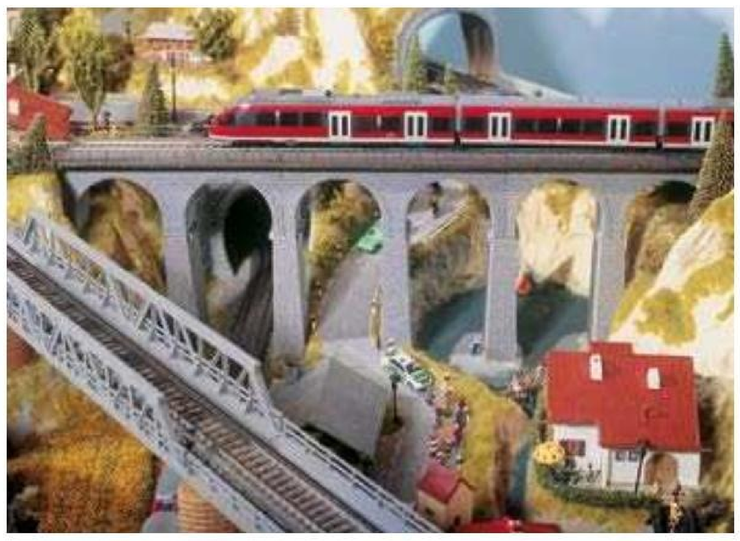
Info Tip:
Substructure

Using a stable substructure is recommended when assembling and expanding a large preformed layout. The NOCH Aluminium Frame (see page 342) is particularly helpful for this.

Note: *Bridge kits, tunnel bases, mounting straps and track plans are supplied with the extensions. Descriptions of the extensions can be found from page 348 onwards.*







Expansion Options for the NOCH Large Preformed Layout »Silvretta«

A set of specially conceived extensions make it possible to expand your basic layout »Silvretta«. The extensions fit exactly onto the basic layout and are supplied along with: a frame substructure, bridge kits (as required), tunnel bases, mounting straps, machined tunnel portals and mounting holes as well as track plans.

The basic layout and extensions can be lengthened by 40 cm at the front with front extensions. We recommend the NOCH Aluminium Frame as a stable substructure for the basic layout and extensions.

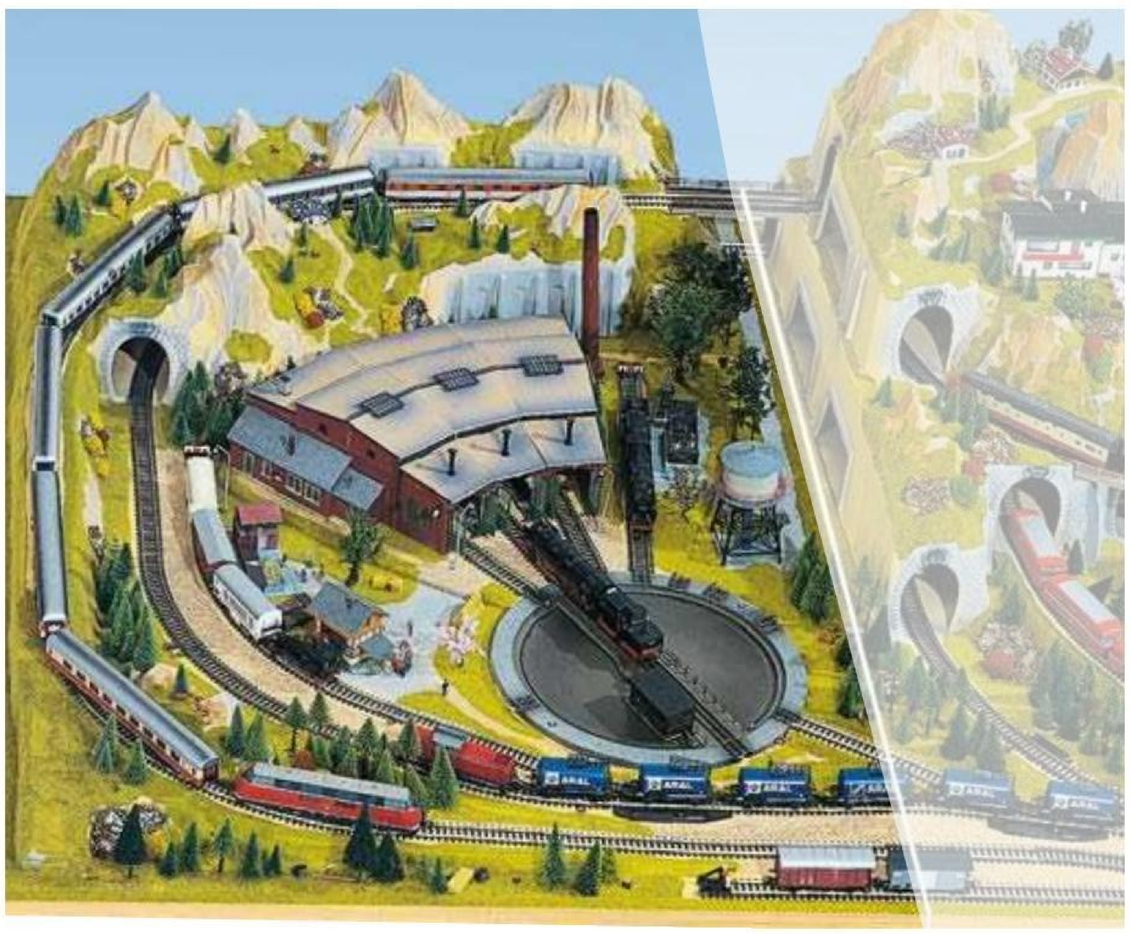
H0 **80120** ***Left Extension Layout »Turntable«***

100 cm x 140 cm, approx. 26 cm high
Assembly in H0:
Märklin plastic / C track
Fleischmann® Modell / Profi track
Roco® Line, Trix® C track.
Assembly also suitable for TT.

62210 ***Aluminium Frame***
100 cm x 140 cm

80120 100 cm	140 cm	**Basic layout 80100** 220 cm

Note: *the »Silvretta« track plan includes the track plan for the left extension.*



H0 **80140** ***Right Extension Layout »Industrial Harbour«***

120 cm x 180 cm, approx. 30 cm high
Assembly in H0:
Märklin® metal / plastic / C track,
Fleischmann® Modell / Profi track,
Assembly also suitable for TT.

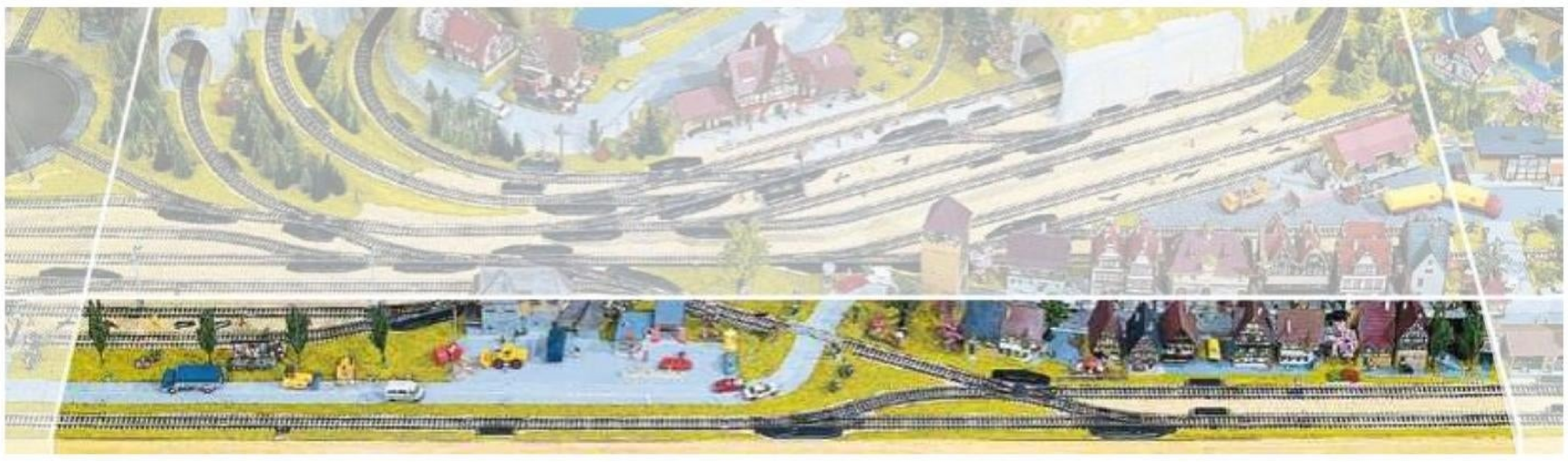
62218 ***Aluminium Frame***
120 cm x 180 cm

140 cm	**Basic layout 80100** 220 cm	**80140** 120 cm	180 cm
40	**80101**		

The mountain landscape on the basic layout is expanded to the right by the industrial harbour extension. This results in an interesting contrast.
Two sections of track are led over a double girder bridge. In the harbour area, four sidings provide a realistic shunting operation. To install the »Industrial Harbour« Extension, you will need the Front Extension (ref. 80101) to extend the basic layout to the required 180 cm.

Note: *the »Industrial Harbour« extension and the right extension include track plans for the front extension.*

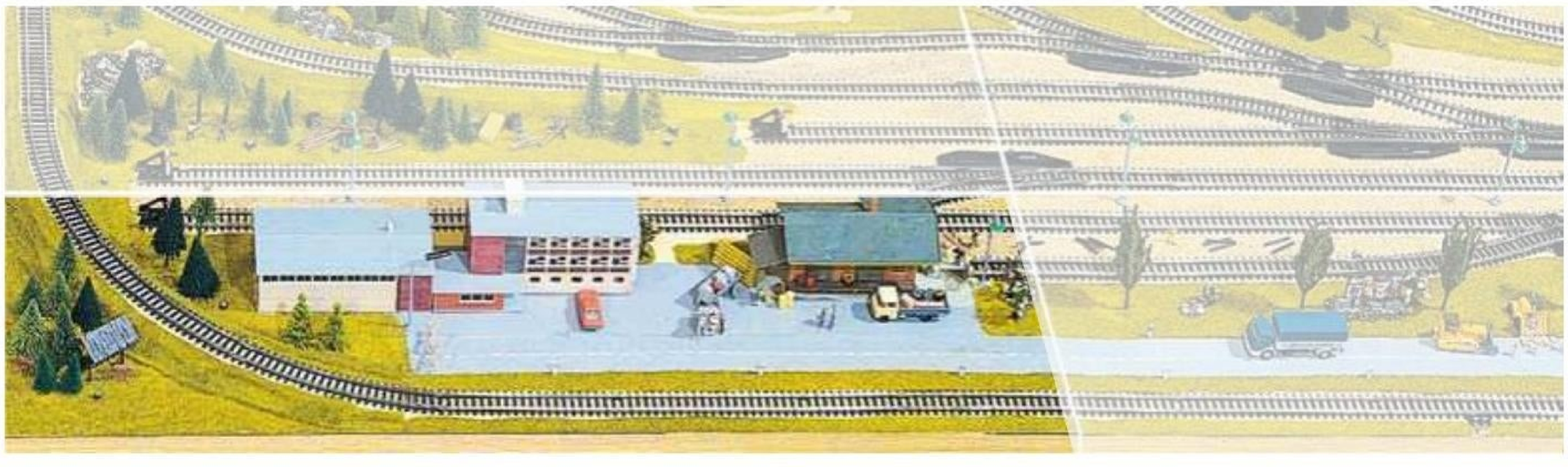




HO **80101** ***Front Extension Layout for »Silvretta«***
220 cm x 40 cm

80120 *100 cm*	*140 cm*	**Basic layout 80100** *220 cm*		**80140** *180 cm*
80121	*40*	**80101**		*120 cm*

62240 ***Aluminium Frame***
220 cm x 40 cmm



HO **80121** ***Front Extension Layout for »Turntable« Extension***
100 cm x 40 cm
with access ramp

80120 *100 cm*	*140 cm*	**Basic layout 80100** *220 cm*		**80140** *180 cm*
80121	*40*	**80101**		*120 cm*

62230 ***Aluminium Frame***
100 cm x 40 cm

Aluminium Frame for NOCH Large Preformed Layouts + Extensions*			
Ref.	***Length in cm***	***Width in cm***	***Suitable for Preformed Layouts and Extensions***
62220	*220*	*140*	*»Silvretta«, »Luzern«*
62210	*100*	*140*	*Left Extension »Turntable«*
62240	*220*	*40*	*Front Extension ref. 80101*
62230	*100*	*40*	*Front Extension ref. 80121*
62218	*120*	*180*	*Right Extension«*

** Frames for extensions are not free-standing.*
Only to be used as a mounting frame for the frames in conjunction with the basic model.

Aluminium Frame System

It is very important for large layouts in particular to use a stable and torsion-resistant substructure. This is guaranteed with the Aluminium Frames from NOCH.
A detailed description of the system can be found on page 342.

Colours, combinations and forms are subject to change without prior notice.

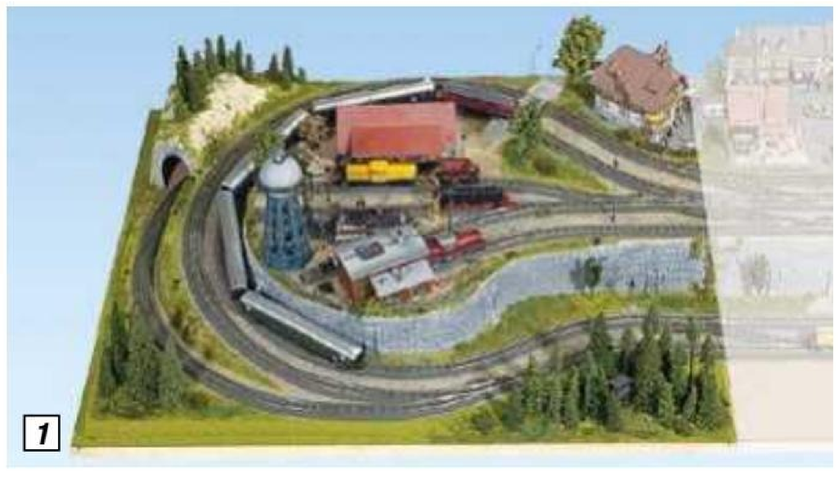


Everything Fits Together, Almost by Itself!

»Heidelberg« – the Modular Large Preformed Layout

Fulfil your dream of a model railway layout tailor made to your tastes with the Modular Large Preformed Layout »Heidelberg«. The modular system offers many possibilities. Whether the layout is rectangular or L-shaped, the »Heidelberg« large layout's individual modules can be combined as desired to make up your imagined landscape. Our sketches on the next page show you three examples out of numerous possible ones.

***Note:** the basis for the set-up of the »Heidelberg« is always a combination of the left, right and the station module. The gradient of the inner track is approx. 5.2 %; that of the outer track 4.7 %.*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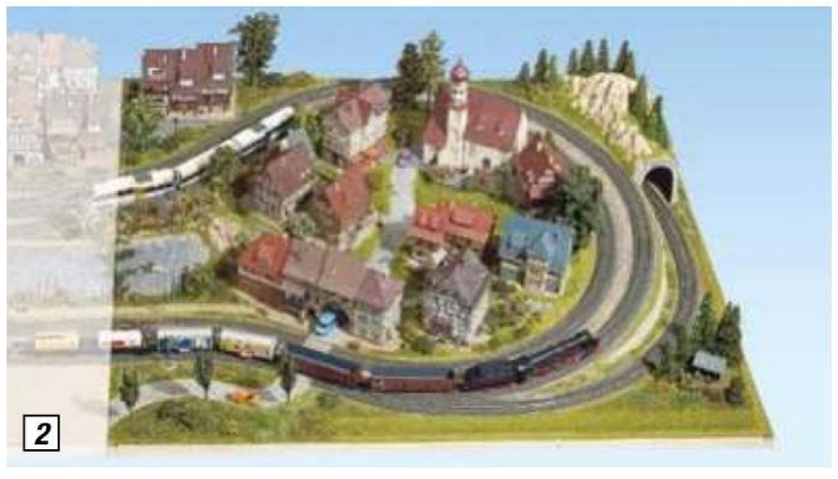
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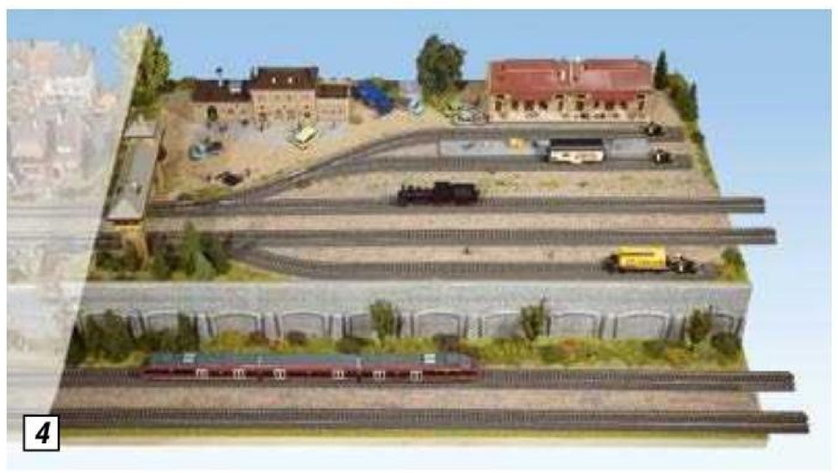
3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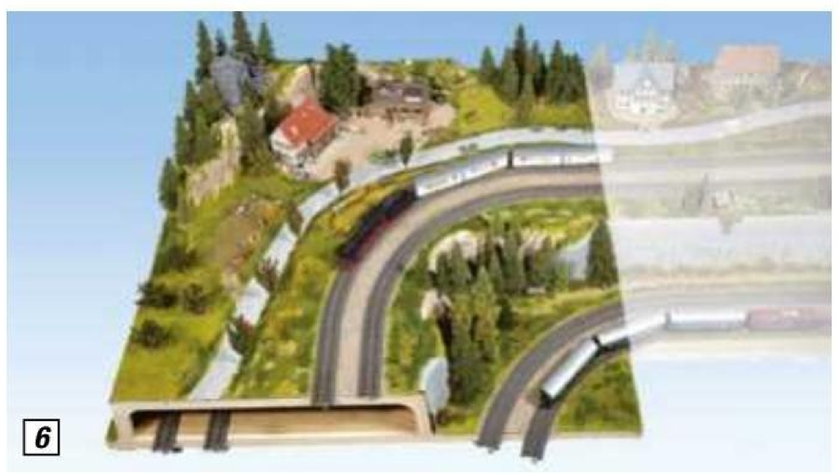
5


6

1 ***Left Module***
2 ***Right Module***
3 ***Station Module, built as a city railway station with a Transformer Panel***
4 ***Station Module, built as a goods station***
5 ***Straight Module***
6 ***Corner Module***

»Heidelberg« Modular Large Preformed Layout, H0 gauge		
Ref.	***Basic Layout***	***Size in cm***
80310	*Left Module*	*120 x 100, approx. 22.5 high*
80320	*Right Module*	*120 x 100, approx. 22.5 high*
80330	*Station Module*	*120 x 80, approx. 16 high*
80340	*Straight Module*	*60 x 80, approx. 14 high*
80350	*Corner Module*	*100 x 100*
50303	*Transformer Panel*	*60 x 20*
50306	*Transformer Panel*	*120 x 20*



»Heidelberg«, built in H0 (ref. 80310, 80330 and 80320)

Supplied:

- *Deep-drawn thermoform layout*
- *Basic layout hand-painted and electrostatically flocked (Scatter Grass 2.5 mm, shade summer meadow)*
- *Mounted on sturdy wooden frame*
- *Built-in tunnel bases*
- *Track plans for all systems listed in the table*

Aluminium Frame System

The Aluminium Frame is the ideal support system for the Modular Large Preformed Layout »Heidelberg«.
A detailed description of the system can be found on page 342. We would be pleased to provide you with an Aluminium Frame to fit your personal configuration of the »Heidelberg« layout.

50303 ***Transformer Panel***
60 cm x 20 cm

50306 ***Transformer Panel***
120 cm x 20 cm

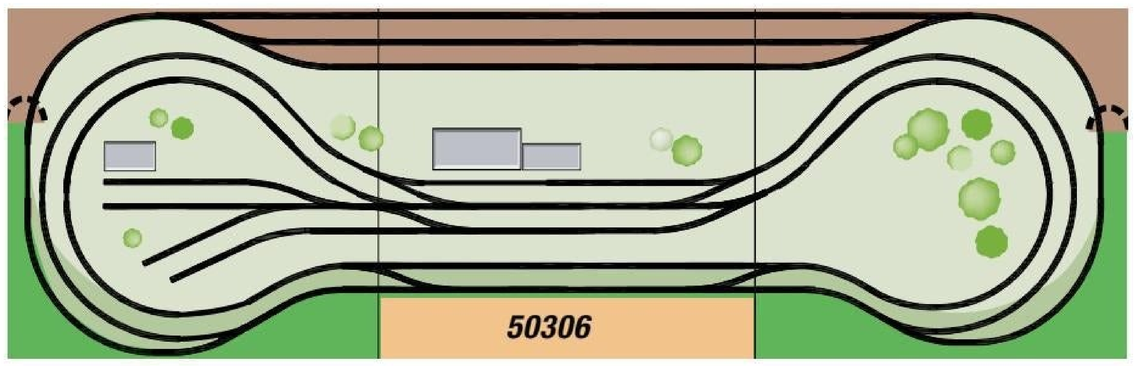
Suitable for the cut-out section in front of the Station Module (plastic panel on wooden frame, including mounting straps and furniture connectors).

Note: *please also pay attention to the information on pages 320 and 321.*

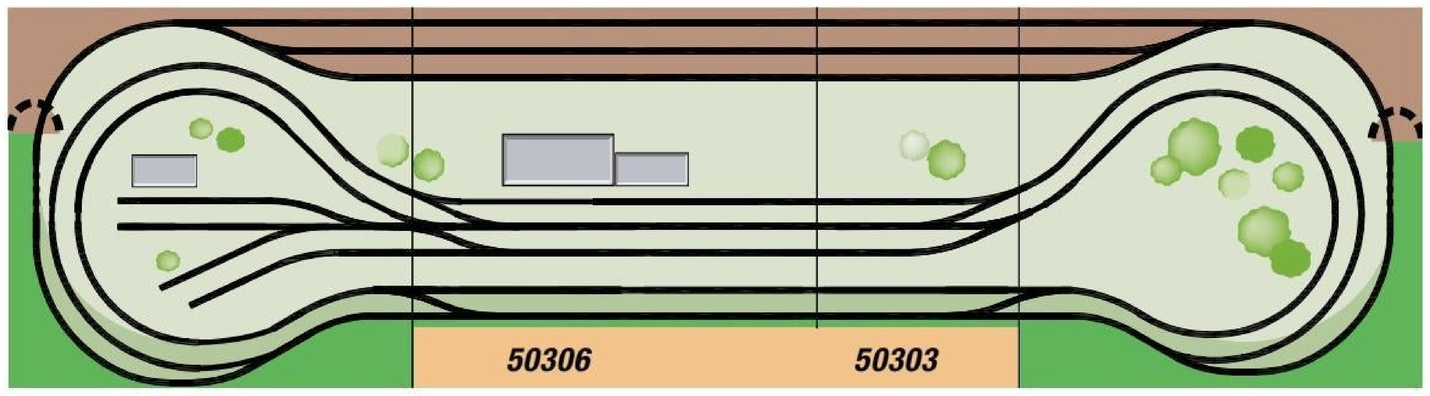




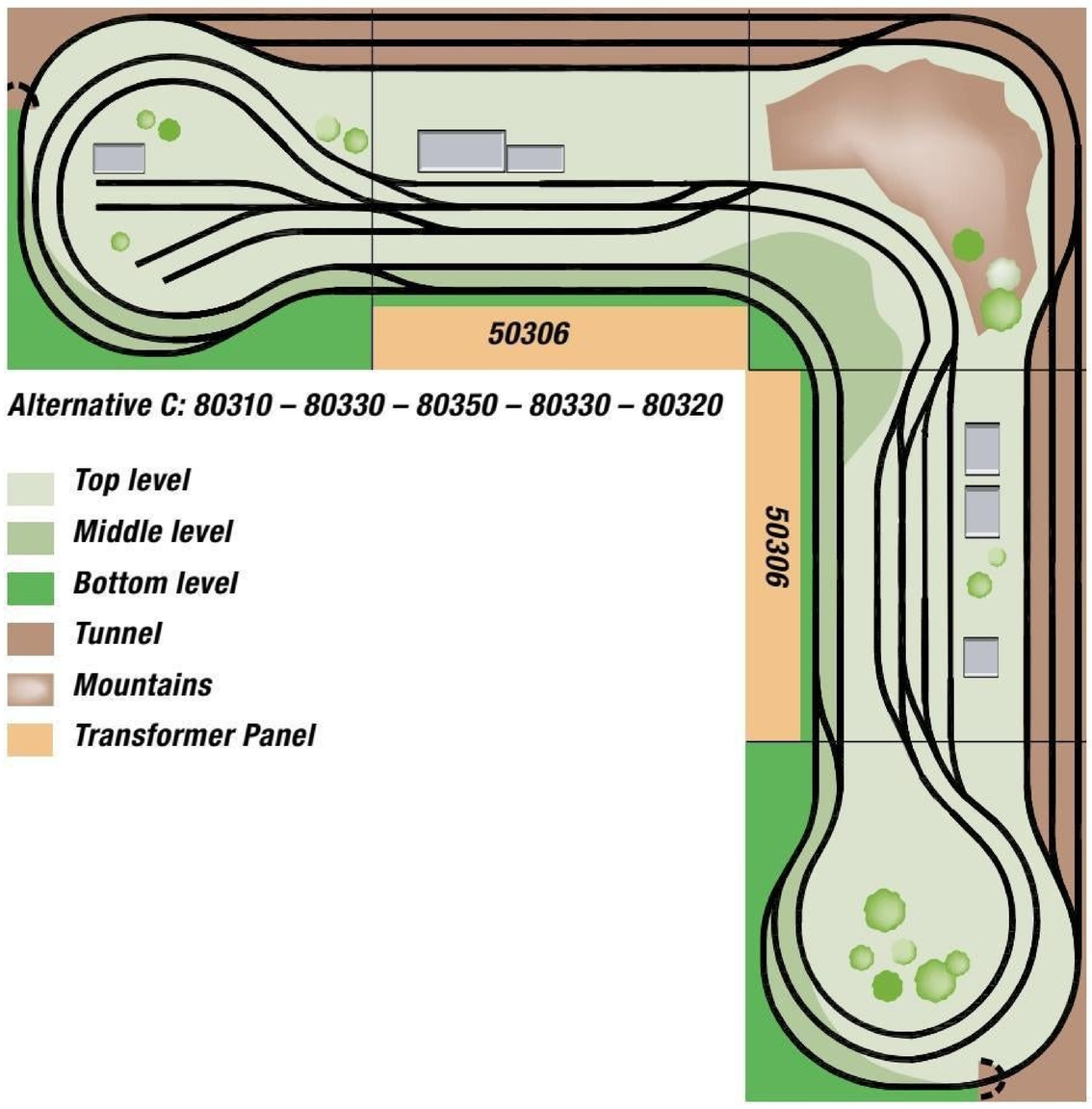




Alternative A: 80310 – 80330 – 80320



Alternative B: 80310 – 80330 – 80340 – 80320



Alternative C: 80310 – 80330 – 80350 – 80330 – 80320

Top level
Middle level
Bottom level
Tunnel
Mountains
Transformer Panel

»Heidelberg« ***Modular Large Preformed Layout***
2 railway circuits
Assembly in H0 gauge: *Märklin® plastic / C track, Fleischmann® Profi track, Roco® Line, TRIX® C track*

For Model Railway Pleasure – Anytime and Anywhere

Never miss your beloved hobby when travelling, thanks to NOCH. Packed suitably for travel, in a conveniently small format that remains fully functional, the model railway layout in a case can simply be brought along with you. The Z gauge briefcase layouts are equipped with Märklin® mini-club tracks. The Christmas Layout is available either with Rokuhan Z gauge tracks or Märklin® mini-club tracks.

1 G 0 HO TT N Z

Model Railway in a Briefcase

Briefcase Layouts – from page 354

- *The model railway layout in a convenient format*
- *Safely protected by the shock-resistant aluminium case*

Preformed Layouts – from page 354

- *All briefcase layouts are also available as preformed layouts (flocked with grass or snow and painted)*

Christmas Layout – from page 357

- *Pre-mounted with track, ready-to-use*
- *Including candles*



Z **88303** ***Briefcase Layout »Meran«***
with Märklin® mini-club Track

This beautiful Z gauge summer layout offers a lot of driving pleasure in a small space. The varied railway line leads over an imposing viaduct and through an avalanche barrier. In the centre of the layout is a small, pretty village with four illuminated houses.
Thanks to the two railway circuits, trains can be controlled independently of each other. The layout is operated either with a 9 V block battery or with the enclosed power supply.



Z **88308** ***Briefcase Layout »Interlaken«***
with Märklin® mini-club Track

The snow-covered Z gauge winter layout offers a lot of driving fun.
The romantic route leads through an imposing viaduct and under an avalanche barrier. The visual highlight lies in the centre of the layout: four illuminated houses and a lighted Christmas tree.
Thanks to the two railway circuits, trains can be controlled independently of each other. The layout is operated either with a 9 V block battery or with the enclosed power supply.

Product Details »Meran« and »Interlaken«

- *Ready-to-use model railway layout in an aluminium case (outer dimensions of the case: 79.5 cm x 54.5 cm, 16 cm high)*
- *Landscape made out of Structured Hard Foam, fully decorated*
- *Two railway circuits, pre-mounted with track*
- *Four illuminated buildings (and illuminated Christmas tree on the »Interlaken« model)*
- *Control panel with two speed controllers*
- *Adjustable speed synchronisation between the railway circuits*
- *Battery compartment for a 9 V block battery*
- *Connection point for external power supply (included)*

»Meran« and »Interlaken« Preformed Layouts

- *Dimensions: 75 cm x 50.5 cm, approx. 13 cm high*
- *Includes track plan*
- *Laser-Cut Bridge Kit and Avalanche Barrier included*



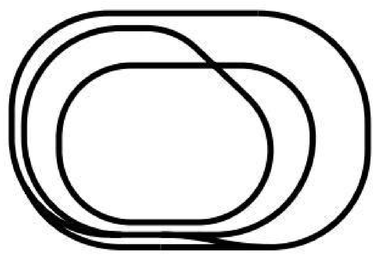
Z **87000** ***»Meran« Layout***
made of Structured Hard Foam



Z **87005** ***»Interlaken« Layout***
made of Structured Hard Foam

All briefcase layouts shown on this double page are supplied without locomotives, carriages and block batteries.

Track diagram

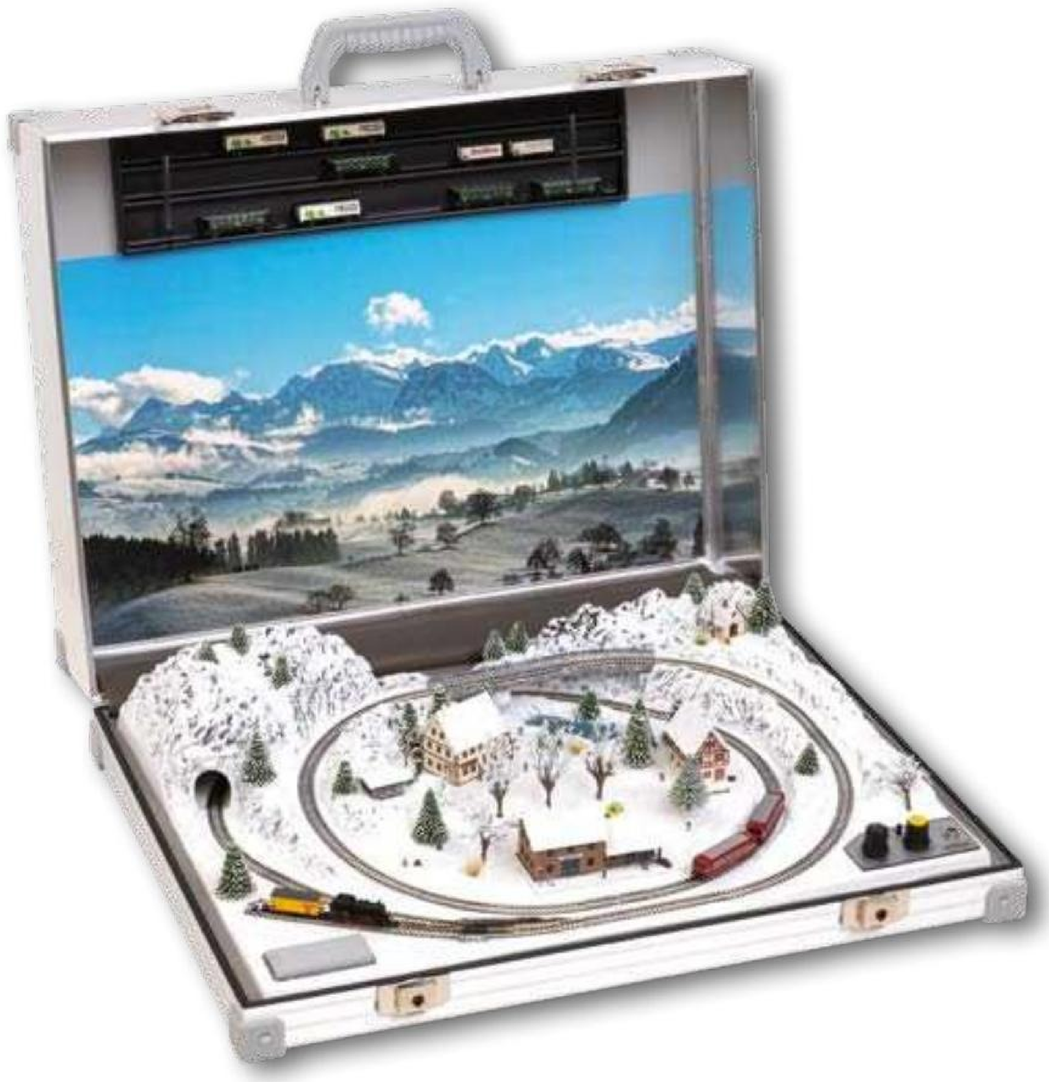


1 G 0 HO TT N **Z**



Z **88313** ***Briefcase Layout »Serfaus«***
with Märklin® mini-club Track

The small, beautiful Z gauge summer layout impresses with its varied route over a bridge and through a tunnel. The four buildings on the layout are illuminated.
The Z gauge layout can be operated either with a 9 V block battery or with the enclosed power supply.



Z **88318** ***Briefcase Layout »St Anton«***
with Märklin® mini-club Track

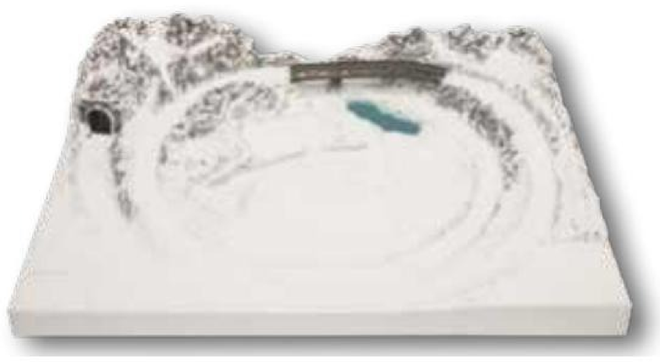
The small Z gauge winter layout impresses with its thrilling route over a bridge and through a tunnel. The four houses and lighted Christmas tree are illuminated on the romantic, snowy layout.
The Z gauge layout can be operated either with a 9 V block battery or with the enclosed power supply.

»Serfaus« and »St Anton« Preformed Layouts

- *Dimensions: 53.5 cm x 40.5 cm, approx. 12 cm high*
- *Includes track plan*
- *Bridge included*



Z **87010** ***»Serfaus« Layout***
made of Structured Hard Foam

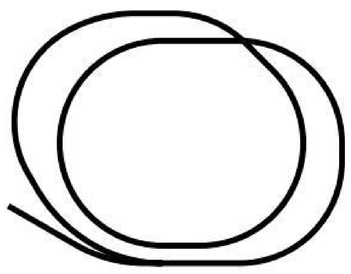


Z **87015** ***»St Anton« Layout***
made of Structured Hard Foam

Product Details »Serfaus« and »St Anton«

- *Ready-to-use model railway layout in an aluminium case (outer dimensions of the case: 57.5 cm x 43 cm, 16 cm high)*
- *Landscape made out of Structured Hard Foam, fully decorated*
- *One railway circuit, pre-mounted with track*
- *Control panel with one speed controller*
- *Four illuminated buildings (and illuminated Christmas tree on the »St Anton« model)*
- *Battery compartment for a 9 V block battery*
- *Connection point for external power supply (included)*
- *Note on train arrangement: due to the narrow radii, the carriages used should not be longer than 8.5 cm. In addition, locos with more than four axles (two bogies) should not be used. Locos with leading wheels are increasingly prone to derailment.*

Track diagram



All Z gauge Model Railway Briefcase Layouts and the Christmas Layout are now equipped with high-quality NOCH Laser-Cut Buildings. You can see the new buildings in detail on pages 302 and 303 of this catalogue.

Colours, combinations and forms are subject to change without prior notice.



N **88400** ***Briefcase Layout »Berchtesgaden«***
with Minitrix® tracks

In the centre of this nice little N gauge layout is a typical Alpine village with four illuminated houses. The varied route leads through a tunnel and over a bridge.
The trains make their rounds on two railway circuits, independently of each other. Power is provided by a power supply device (included).



N **88405** ***Briefcase Layout »Garmisch«***
with Minitrix® tracks

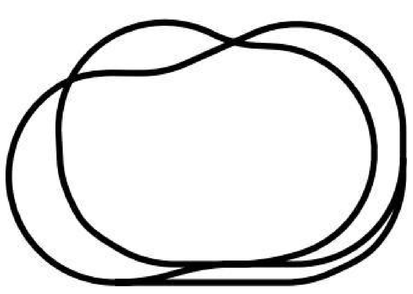
The small, snow-covered village, with its four illuminated houses and lighted Christmas tree, lies in the centre of this romantic N gauge layout. The wintery ride in the mountains leads over a bridge and through a tunnel. The trains make their rounds on two railway circuits, independently of each other. Power is provided by a power supply device (included).

Product Details »Berchtesgaden« and »Garmisch«

- *Ready-to-use model railway layout in an aluminium case (outer dimensions of the case: 79.5 cm x 54.5 cm, 16 cm high)*
- *Fully decorated structured hard foam layout*
- *Two railway circuits pre-mounted with track, ready for use*
- *Control panel with two speed controllers*
- *Four illuminated buildings (and lighted Christmas tree in the »Garmisch« model); lights can be individually controlled and set on automatic mode*
- *Adjustable speed synchronisation between the railway circuits*
- *Connection for external power supply (supplied)*
- *Note on train arrangement: due to the narrow radii, the carriages used should not be longer than 9 cm*

All briefcase layouts shown on this page are supplied without locomotives and carriages.

Track diagram



»Berchtesgaden« and »Garmisch« Preformed Layouts

- *Dimensions: 75.5 cm x 51 cm, approx. 13 cm high*
- *Includes track plan*
- *Bridge included*



N **87040** ***»Berchtesgaden« Layout***
made of Structured Hard Foam



N **87045** ***»Garmisch« Layout***
made of Structured Hard Foam

Speed Controller and Power Supply

The Electronic Speed Controller Kit comes in two versions:
Version 1 (ref. 88163):
The speed controller has two rotary controls with which two independent railway circuits can be controlled. These independent circuits can be interconnected via a button. Both circuits can now be controlled by means of one rotary control.
Version 2 (ref. 88165):
The speed controller has a rotary control with which a railway circuit can be controlled.



N Z **88163** ***Electronic Speed Controller Kit***
for two railway circuits

N Z **88165** ***Electronic Speed Controller Kit***
for one railway circuit (without illustration)

Both versions:
- *The rotary controls have a central zero position; i.e., the trains can be operated forwards and backwards.*
- *The speed controllers have two on/off buttons. One of these buttons can be used to switch 4 LEDs on/off, the brightness of which can also be dimmed by means of a rotary control.*
- *A battery compartment for a 9 V block battery is supplied. This allows Z gauge locomotives to be operated without connecting to an external power supply.*
  Attention: *not suitable for N gauge locomotives!*

Power connection:
- ***Z gauge:*** *the layout can be operated with a 9 V block battery in the battery compartment. If an external power source is to be connected, the Power Pack (ref. 88171) is required.*
- ***N gauge:*** *the layout cannot be operated with a 9 V block battery in the battery compartment. The Power Pack (ref. 88172) is required as an external power source.*

Z **88171** ***Power Supply for ref. 88163 and 88165 Z***
Z gauge: In combination with the speed controller (ref. 88163, 88165)) suitable for the operation of Z gauge locomotives, e.g. in a NOCH Model Railway Briefcase gauge Z.
Input: 100-240 V, 50/60 Hz, Output: 9 V DC, 1.2 A

N **88172** ***Power Supply for ref. 88163 and 88165 N***
N gauge: In combination with the speed controller (ref. 88163, 88165) suitable for the operation of N gauge locomotives, e.g. in a NOCH Model Railway Briefcase, gauge N.
Input: 100-240 V, 50/60 Hz, Output: 12 V DC, 1 A

It‘s Time to Light the Advent Wreath!

NOCH Christmas Layout Gauge Z



Model railway pleasure, Christmas decoration and the ultimate gift for every model railway fan the adorable NOCH »Winter Magic« Christmas Layout encompasses all that. This little snow-covered village gleams with Christmassy splendour. The high-quality NOCH Laser-Cut Buildings and Christmas tree are illuminated and the four tree candles make this trinket a real highlight of Advent.
Note: *in order to ensure a permanently stable power supply to buildings and Christmas tree, an appropriate Z gauge transformer is required for operation. The Christmas Layout cannot be operated with a (rechargeable) battery.*

Info Tip:
Replacement candles

You can order replacement candles for the Christmas Layout in our online shop at shop.noch.com with reference number 88076.

Z **88063** ***»Winter Magic« Christmas Layout***
35 cm x 35 cm, approx. 15 cm high, Winter layout made of Structured Hard Foam, ready-to-use with ***Märklin® mini-club® Z gauge tracks,*** *decorated, illuminated houses and lighted Christmas tree, incl. 4 Christmas tree candles, supplied without transformer, loco and carriages.*

Z **88064** ***»Winter Magic« Christmas Layout***
35 cm x 35 cm, approx. 15 cm high, Winter layout made of Structured Hard Foam, ready-to-use ***with Rokuhan Z gauge tracks,*** *decorated, illuminated houses and lighted Christmas tree, incl. 4 Christmas tree candles, supplied without transformer, loco and carriages.*

Directly to the craft tip



... Get Even More Creative!

NOCH modelling products are not just for railway modellers: on the website ***www.noch-kreativ.de****, NOCH kreativ primarily deals with decorating, beautifying and crafting. All hobbyists, photographers and DIY fans who want to get everything out of miniature items with modelling products and loads of creativity are welcome here.*
We present some of our favourite crafting tips on the following pages.

NOCH kreativ

Miniature Gardening for Young and Old Alike – from page 360

Creative Ideas, Small Gifts & Wrapping – from page 362

Last-Minute Gift Tag Pegs – from page 364

Make Your Own Advent Calendar – from page 366

Visit us at
www.noch-kreativ.de

Miniature Gardening for Young and Old Alike

Miniature Gardening Craft Tip 1



Small World in the Herb Garden

Off to the garden! We love it when the temperatures finally get warmer and you can spend your spare time in the garden again. As long as this is not yet possible, we can let off steam indoors in the miniature herb garden! We show you how to lay out a mini herb garden with real herbs for cooking and enjoying! It doesn t just look terrific in the kitchen in the springtime!

Step-by-Step .....

Planting Herbs

You might have a suitable bowl at home, but if not, go to the hardware store first!

Once you ve chosen a beautiful bowl, lay a foundation of pebbles 3 4 cm high. These serve as drainage.

Spread some earth over them and plant the herbs of your choice. Press the soil firmly. I opted for parsley, basil and mint. You can pick them fresh and use them straightaway. Leave sufficient distance between the herbs so that you have enough space for your mini world.

If you re using Laser-Cut Kits, such as the garden pavilion or the beanstalks, assemble them according to the instructions. So that you can sprinkle on paths made of sand for your mini herb garden, first put the larger objects such as the garden pavilion in place. They may not fit afterwards.







Decorating Mini Herb Gardens

Now you can set up the potted plants, Grass Tufts, beds, etc. Let your creativity flow. Now the Mini Figures are used.

I ve divided the garden into different zones. A tractor making its rounds, forest workers, harvest hands and hobby gardeners ensure that the little garden world is filled with life.

The best thing to do is to put up a fence around the different zones at the end.









Miniature Gardening Craft Tip 2

Directly to the craft tip

Off to the (Miniature) Patch

Design miniature gardens. Who doesn t like going out to the garden? If he or she has one. And sometimes it fails due to the weather.

Liska from Dekotopia has come up with a great craft tip for all hobby (miniature) gardeners so that you can design a miniature garden as decoration at home and look after your plants there!

Step-by-Step .....

Rose Arches, Greenhouses and Beanstalks in Miniature!

The best way to start is to assemble the small kits of the Rose Arch, the Beanstalks and the Greenhouses. Then set the finished models aside to dry.

Now let s start gardening! I got myself a nice bowl to match the colour scheme of my flat at the hardware store. Since the bowl doesn t have any holes in it, it s best to put a few stones in the bottom for drainage, which will later prevent water from accumulating by the roots of the plants when watering.





Planting Plants!

Once the stones had been placed in the bottom of the bowl, I put soil on top. A small plant from the garden department at the hardware store can then be planted in it. I chose ivy, a baby rubber plant and a mini sapling whose sign just said green plant .

It s best just to wander through the garden centre and see what s on offer and what you like!

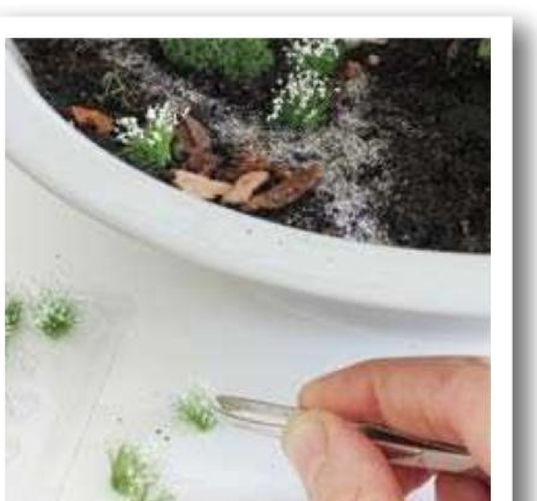
Now it s the treehouse s turn: carefully detach it from the model tree using a knife and stick it on your real sapling. Temporary Glue is ideal for this, because you can always remove it later if you would like to transplant the sapling.

Simply put a dot of glue on the treehouse and let it dry. The dried glue dot then adheres well to your real plant.

Decorate Your Miniature Garden with Miniature Accessories!

Now comes the mini decoration for your small garden. First, I sprinkled the paths with fine gravel, laid a path with little decorative stones for the treehouse and created bushes made of decorative moss in the miniature world.

Then you distribute some little Grass Tufts on the soil with tweezers. Figures, Mini Greenhouse, Beanstalks and loads of mini decorations can now be arranged on top. Take care to ensure there is always some room between the figures so that you can water the real plants later.





Shopping List

- ☐ Tree with Treehouse 21765
- ☐ Beanstalks 14200
- ☐ Rose Arch 14228
- ☐ Outhouse 14359
- ☐ Mini Figures Garden Tools 14800
- ☐ Mini Figures Mountain Farmers 15618
- ☐ Mini Figures Farmers 15629

Find more products on the topic mini gardening on **www.noch-kreativ.de**

Creative Ideas, Small Gifts & Wrapping

Creative ideas, decorations, presents for birthdays, weddings and christenings, or parties that come from the heart. Customised and personal, ideas from NOCH kreativ are always something special! So, seize the opportunity just because to create something big and meaningful from something small. You can find lots of great suggestions for presents and special wrapping as well as the right creative products for this at NOCH kreativ. Let yourself be inspired and get even more creative!



Craft Tip
Last-Minute Gift Tag Pegs



The Who s Who of Christmas Givers!

Craft last-minute gift tag pegs for Christmas quickly and easily! Does pure chaos reign under your Christmas tree? Has your mother-in-law made off with the sexy lace underwear while your wife is supposed to wear a pair of warm angora tights? :) A classic case for gift name tags! That way, (even) men are guaranteed to tell the gifts apart! We show you a cute crafting idea using clothes pegs as name tags in this tutorial!

Step-by-Step .....

Let s Make It Snow!

Ho, ho, ho! Christmas is drawing closer and I love giving presents. It s even nicer when the wrapping is almost like a little extra present in itself. Now I ll show you how you can make your own ace name tags very quickly (that is, at the last minute) before Christmas.



Paint the top of your clothes pegs with white primer and allow everything to dry properly. I used acrylic paint for this.
Pour the Snowflakes onto a flat receptacle, e.g. an old plate.



Generously apply Snow Glue to the painted surface and dip the adhesive side of the peg into the flakes.
Allow the whole thing to dry thoroughly again.

Small Fir Trees, Roe Deer and Santa!



Since the base of the Snowy Fir Tree is a bit too large for the peg, I simply snapped it off with a pair of pliers.



You then attach the little snowy fir tree to the peg with a drop of hot glue.
Get the figures you want to use ready and stick them on the peg.



But leave the front part free so that you can clip the peg onto the gift afterwards.



And the gift pegs are done! You can make many different ones with Santas, roe deer, deer and so on. There are lots of different Mini Figures from NOCH kreativ.



Directly to the craft tip

Shopping list



- ☐ Snow Paste 08752
- ☐ Acrylic Paints, matt, white 61190
- ☐ Snowflakes 08760
- ☐ Mini Figures Deer 15732
- ☐ Mini Figures Children in Snow 15819
- ☐ Mini Figures Christmas Tree Sale 15927

Find more products on the topic gifts & wrapping on **www.noch-kreativ.de**



Christmas & Advent

Over the Advent and Christmas season, we reflect and find some peace after a hectic year among family. Make yourself and your loved ones happy! Enjoy the festive period and make your home cosy. Craft a special Advent wreath, design customised Christmas presents and wrapping. You ll find enchanting ideas and Christmassy suggestions as well as the right products for crafting delights in the contemplative period from us. Let yourself be inspired and get even more creative!



Craft Tip

Make Your Own Advent Calendar!

A personal Advent calendar for children and adults simply belongs to the Advent period! The 24 little gifts shorten the waiting time until Christmas and, in some cases, personal, homemade Advent calendars may even replace Christmas presents for many people. This craft tip shows you how to make a great Advent calendar with small boxes and design it as a miniature winter landscape. Have fun opening the doors or boxes!

Step-by-Step .....







Directly to the craft tip

Snow from the Tub!

First, fold the 24 boxes and 24 lids together and fill the little boxes with small gifts, chocolate, biscuits and other small things that you want to hide behind the Advent calendar doors. Then it s best to write small numbers from 1 to 24 on it so that you know which box to open on which day of Advent.

So the Advent calendar looks like a miniature winter landscape later, stack the boxes together to form a hill. It is helpful to fix the boxes to each other with small, double-sided adhesive strips. However, you shouldn t take too much of it, otherwise opening the boxes daily will be very difficult later.

Spread the Snow Paste on the lids of the boxes. With this snow from the tube, you can give the impression of prints left behind by the Mini-Figures sleds, for example. Let the Snow Paste dry and the figures will be affixed with the Temporary Glue later.

Ice Skating on a Frozen Lake!

The ice skaters are a little highlight of the mini winter world. You can easily create the lake by using a light blue and a grey colouring pencil to draw the surface of a lake on a box and then spread the beautiful, glistening Ice Crystals paste on it. The little frozen lake is then edged with Snow Paste, and once the surface has dried, the ice skaters are glued on with Temporary Glue.









A Winter Cabin Mustn t Be Missing!

The little cabin is a kit that you will first assemble. It's best to use the special Laser-Cut Adhesive for this. Once everything is set up, you can decorate the gables with Icicles out of the tube (yes, they re really called that). If there s any Snow Paste left over, simply spread it on the roof! Then stick the fully built and decorated cabin on one of the boxes. I went for the uppermost box here.



Wintery and Christmassy Decorations

Now you put the finishing touches on your advent calendar by sticking small deer, mini roe deer, skiers and miniature fir trees on the boxes. Use the Temporary Glue for this again. Read the instructions for the glue on this website beforehand so you can remove the decorations from the box after Christmas and use them again next year. Just let yourself be inspired by the pictures!





Shopping List

- ☐ Snow Paste 08752
- ☐ Ice Crystals 08754
- ☐ Temporary Glue 61121
- ☐ Snowy Fir Trees 26828
- ☐ Mini Figures Deer 15732
- ☐ Mini Figures Skiers 15828
- ☐ Mini Figures Santa Claus with Sleigh 15924



Find more products on the topic Christmas and Advent on **www.noch-kreativ.de**

Decorative Snowy Fir Tree with Wooden Base	
Ref.	**Size**
4019820	9 cm high
4019822	14 cm high
4019824	19 cm high
4019826	35 cm high

Decorative Fir Tree with Wooden Base	
Ref.	**Size**
4019830	9 cm high
4019832	14 cm high
4019834	19 cm high
4019836	35 cm high

© Illustration:
Christoph Blumenthal
instagram.com/christoph.illustration

Welcome to the World of ZITERDES...

...the accessories specialist for tabletop, skirmish strategy games, dungeon and role-playing games in the fantasy and science fiction domains. At ZITERDES, you ll find not only high-quality tabletop terrain items but also many things that your hobbyist heart desires!

You ll be spoilt for choice here. From simple hills to finely detailed ruins, fortresses, temples and loads of accessories, you ll find everything you need for your gaming table or dungeon.



ZITERDES

For World Creators – from page 368
• Ruins, buildings, temples, castles and city walls

For Dungeon Masters – from page 370
• Dunkelstadt 3D Dungeon Modules, furniture and statues

For Gamers – from page 372
• Modular Gaming Table and Fantasy Football Pitch

For Designers – from page 374
• Basing material, Artificial Water, model plants...



For World Creators

Buildings turn your gaming table into a special place. The type of building is representative of the »where« of the action the mission. The more characteristic the buildings on your gaming table, the more impressive the overall impression and the more varied, diverse and artful the game. In addition to their function as obstacles, buildings are also very good mission objectives.

ZITERDES offers you a large range of different buildings which can be painted and decorated however you like. You can select e.g. town and half-timbered houses, a windmill or even factories. Magnificent castles, mansions and inns round off the range. Vast city walls with large towers ensure security. Tents for orcs and other creatures. Ships and boats for pirates and seafarers.

All models are made of NOCH s unique Structured Hard Foam. The material is extremely stable, but still very lightweight. The models can be painted easily. It doesn t matter what kind of paint you use you could even use solvent-based paints! Our products even withstand varnish.

That way, you also have the option to customise the models. You can cut, saw and sand the structured hard foam. You can also glue, add greenery, statically flock and design other details.



6012061 ***Administratum Wangun***



6012055 ***Bastion***

All items on this double page are supplied primed, unpainted, without decoration. Tabletop scale 25 mm 28 mm, made of structured hard foam; furniture and figures made of resin.



6012051 **Bunker 13**



6012059 **Cathedral Ruin**



6011952 **Summoning Rock**



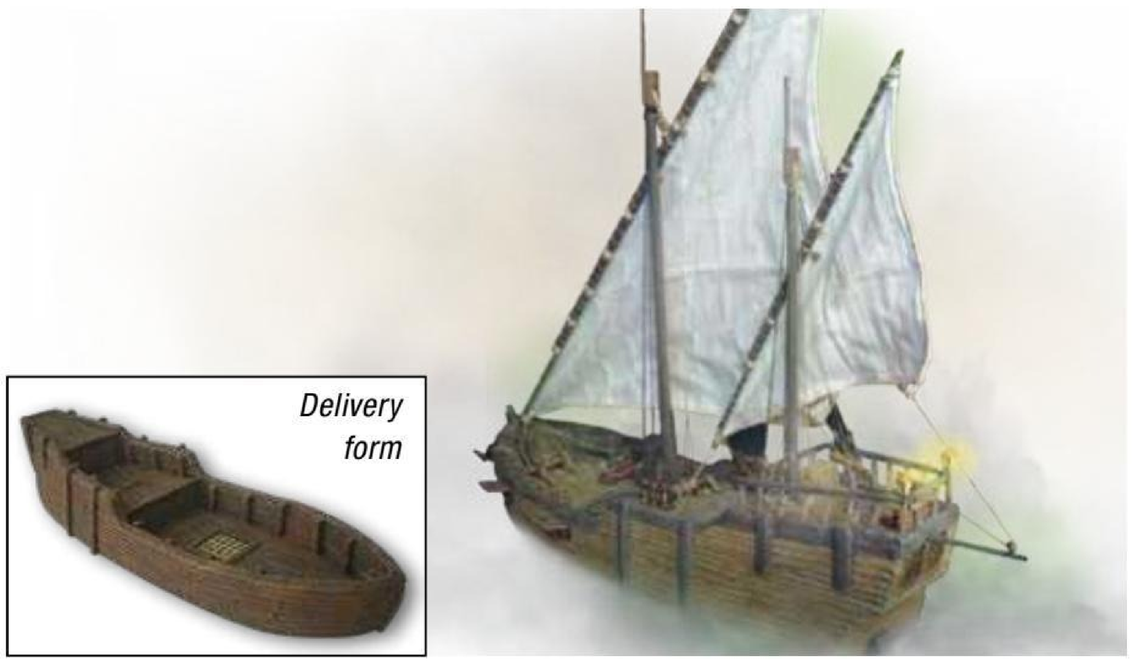
6011953 **Signs to Glory**



6012230 **Dwarf Fortress**



6011954 **The Source of Souls**



Delivery form

6079068 **Hull of a Caravel**



6012063 **Abbey**

For Dungeon Masters

Hail stranger, friend or whatever you may be come in, welcome to our world! Between dusk and dawn lies a place, always concealed in the twilight, around which sombre legends have entwined since the beginning of time. The great ancients, now almost forgotten and only a fragment of memory, once gave this place its name: »Dunkelstadt«. The houses in »Dunkelstadt« nestle against the steep slopes of »Drizzle Mountain«, narrow passages and alleyways eat their way deep into the massif, which is as old as the world itself. In the tangle of steep stairways and countless passages hide a multitude of dark corners, secret nooks and crannies where calamity frequently lurks, and sometimes also death. Few come here... and even fewer come back out. Just like the cursed souls who wait in the gaols and dungeons for a miracle (or death) forgotten by the people who go about their daily business high up in the heart of the city.

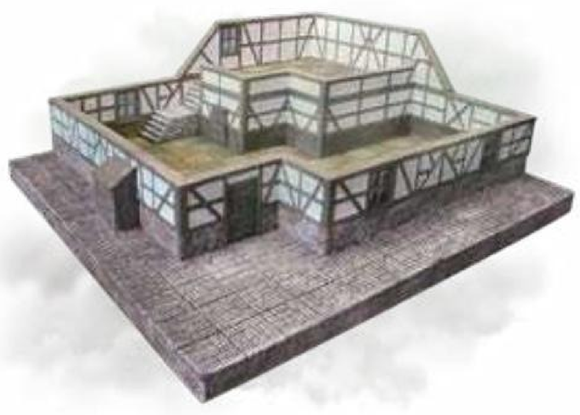


Dunkelstadt Module Features:

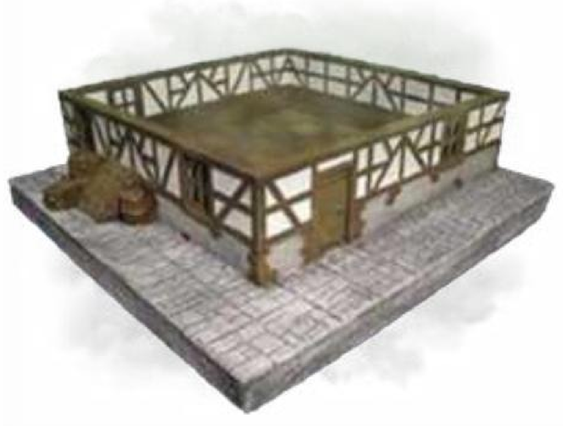
- *Single standard modules 190 mm x 190 mm*
- *Single square dimensions 27 mm x 27 mm*
- *Standard module height 20 mm, raised 40 mm*
- *Three-dimensional labyrinth*
- *Made of structured hard foam:*
  very lightweight and yet extremely sturdy



6079300 Dunkelstadt Base-Set
6 x Dunkelstadt Modules, made of Structure Hardfoam, grey primed
4 x Wall with door made of resin, unpainted
4 x Room wall made of resin, unpainted
1 x Statue of resin, unpainted, approx. 5.5 cm



6079311 Dunkelstadt
Edition »Twilight Inn«
Inn and Tavern



6079312 Dunkelstadt
Edition »Dyer's Street«



6079313 Dunkelstadt
Edition »Rotating Room«



6079149 Study, 3 pieces
Desk, Chair & Sorcerer Table



6079115 Statue »The Death«



6079157 Bookshelf »Libri«
2 pcs. set

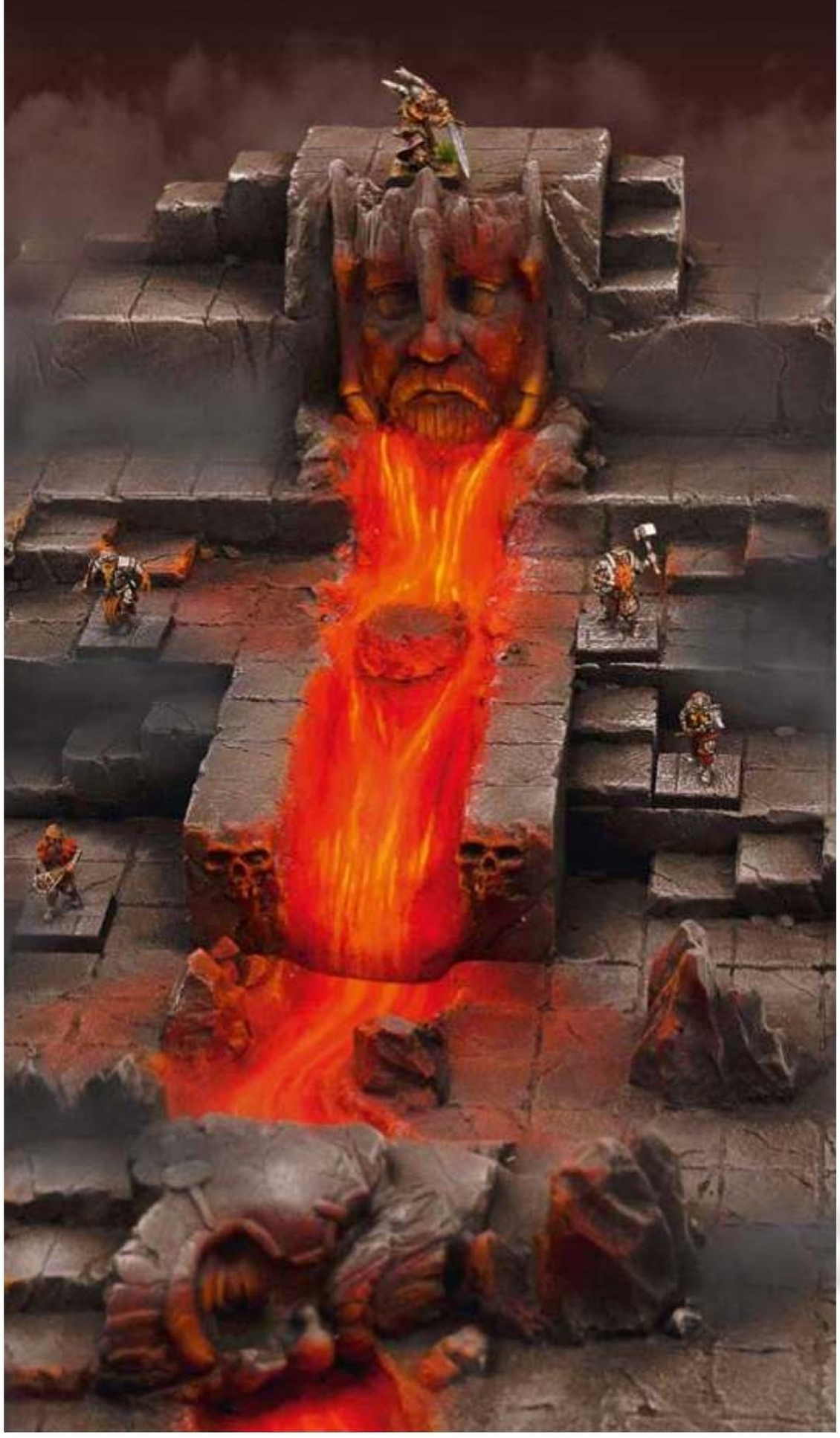


6079132 Alchimist Shelf I



6079214 Cargo Crate
Outbreak Skulls octopus

All items on this double page are supplied primed, unpainted, without decoration. Tabletop scale 25 mm 28 mm, made of structured hard foam; furniture and figures made of resin.



DunkelWelt

Module Features:

- *Single standard modules 295 mm x 295 mm*
- *Single square dimensions 25 mm x 25 mm*
- *Module height 20 mm*
- *Up to 144 squares on the base area*
- *Structures like gates and pillars add extra value to the modules*
- *Can be combined with Dunkelstadt modules. Single square dimensions 27 mm x 27 mm. Therefore, there is a huge amount of options for making your dungeon really big!*
- *Made of structured hard foam: very lightweight and yet extremely sturdy*



6079400 DunkelWelt Portico



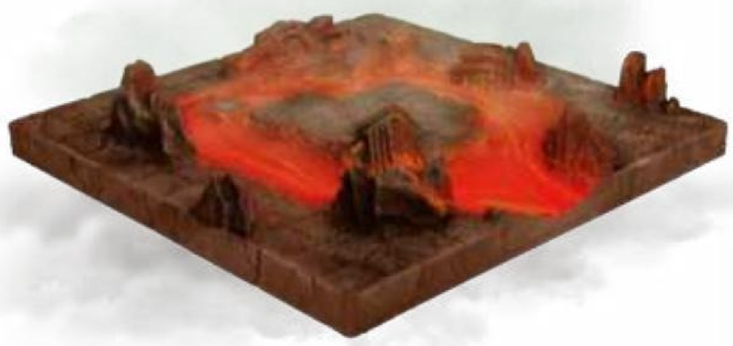
6079401 DunkelWelt Dwarf's Gate



6079402 DunkelWelt Portico Corner Module



6079403 DunkelWelt Throne Room



6079406 DunkelWelt Island



6079404 DunkelWelt King's Cascade



6079405 DunkelWelt King's Bridge



6079407 DunkelWelt Azâkah Cornu
Warhorn of the Dwarves



6079161 Cooking Area, Fireplace with Suckling Pig



6079159 Stock Shelf



For Gamers

Modular Gaming Table

The Modular Gaming Table (MGT) series from ZITERDES demands everything from you! Because terrain modules with different terrain formations can be combined as desired. It s clear that no matter what you play, you and your opponent now face challenges of an unimagined magnitude. Of course, you can get started with your MGT straightaway. Simply put it together and off you go. To make your MGT even more interesting, we recommend equipping it with the landscaping and diorama building products from ZITERDES, which you can find at your local dealer or in the online shop. Even little walls, trees, some moss, stones or grass tufts create accents. The MGT is perfected once you fit it out with terrain elements, ruins, temples or other details. This also increases the incentive to play and improves the optics of your gaming table. You re also welcome to paint your MGT as desired and imagined.

Module Features:

- *Can be combined with each other as required*
- *Format 60 cm x 60 cm*
- *The modules are firmly connected with special clamping strips*
- *More stability through special supporting chocks*
- *With a brown undercoat and some statically flocked grass*
- *Very lightweight and yet sturdy*
- *4- and 6-pieces cost-saving assortments available*

You can find all available modules for your MGT at www.ziterdes.com



6012931 ***Example for a MGT-6 pcs. Saver Set***
Select four modules of your choice



6012930 ***Example for a MGT-4 pcs Saver Set***
Select four modules of your choice



6012932 ***Example for a MGT-6 pcs. grassed Saver Set***
Select four modules of your choice

All items on this double page are supplied primed, unpainted, without decoration. Tabletop scale 25 mm 28 mm, made of structured hard foam; furniture and figures made of resin.

Fantasy Football Pitch

The perfect grass pitch for the discerning coach!

Have you always wanted your team to play on real turf? Now you have the opportunity to do so. The pitch premiered at the NAF World Cup 2019 in Dornbirn. Players from 38 countries and 6 continents were convinced of the quality and the new pitch. The response was overwhelming. You can create a complete arena with the redesigned Dugouts, the Centre Piece, the Stands, the Dice Tower, the Commentary Box and the two Commentators (ogre and vampire). You can safely pack and transport everything in the specially designed Transport Bag and Miniatures Bag.





6090131 Fantasy Football Pitch
Grass Field, *3 pcs. set*



6090116 Commentators Box
Laser-Cut kit



6090115 Dice Tower
1 x Dice Tower, 3 pcs. set



6090117 Commentators Miniature-Set, *2 pieces unpainted, without base*



6090112 Center Piece with Weather Symbols
1 x Center Piece, with weather symbols



6090110 Dugout
1 x Dugout, door right



6090111 Dugout
1 x Dugout, door left



6090113 Bleachers
1 x Bleachers



6090114 Bleachers Snack Stall with Vendor
1 Miniature



6090141 Miniatures Bag
small



6090140 Pitch and Accessories Bag
Green, durable outer fabric, inner lining with dividers (five compartments: two large, three smaller ones), separate lower compartment for the pitch, with zips, backpack straps and carrying handle

If you want to know what lurks below, then visit us at www.ziterdes.com

Diorama gestaltet von Brandon Palmer

For Designers

Everything for your model landscape!

The terrain has always been one of the decisive factors for the outcome of a battle. Whole general staffs have always racked their brains about how to use the topography to their advantage. It has always been clear that whoever occupies high ground or lays an ambush will have significant advantages... so be clever and use our terrain elements to your advantage! In addition to variable Hills, ZITERDES also offers you Trees with Bases, Static Grasses, Reeds, Stones, Artificial Water, Flock as well as fine Flock and other decorative material to design your terrain elements yourself or to give buildings an individual touch. Of course, you can also use the multitude of materials to create your miniature bases. Our Tabletop Modelling Sand in particular, or Static Grass Fibres, are perfect for skilfully drawing attention to small details. Working with the materials is easier than you think just give it a try.



6012163 ***Fable Forest Model-Leaf Trees-Mix***
3 model trees
(horse chestnut, oak, lime tree)



6012162 ***Fable Forest Model Fir and Deciduous Trees***
10 model trees, 50 mm 140 mm

All items on this double page are supplied primed, unpainted, without decoration. Tabletop scale 25 mm 28 mm, made of structured hard foam; furniture and figures made of resin.



6012173 Tree Bases
10 pieces, transparent round 5.5 cm



6079600 Moorland Tuft
100 pieces, 6 mm, two colors: green and brown



6079605 Wildflower Grass Tuft
100 pieces, 6 mm, two types: multicolor



6079606 White Frost Tuft
100 pieces, 6 mm, two colors: beige and green with hoarfrost effect



6012133 Model Grass
»Rocky Highland«
18 g, resealable box



6012134 Model Grass
Conquest static, medium green
18 g, resealable box



08758 Winter Set
(page 154)



6012225 Tabletop Diorama-Foam Boards
4 pieces, 6 mm, craft boards in different sizes



The Basing products are available in practical, small, stackable and reclosable storage boxes.



6012109 Basing & Battleground Structure Flock
light green, medium grain, 5 mm



6012106 Basing & Battleground Structure Flock
dark green, medium grain, 5 mm



6012108 Basing & Battleground Structure Flock
medium green, medium grain 5 mm



6012124 Master Basing & Battleground Flock
light green, 10 g



6012156 Master Basing & Battleground Tabletop Modelling Sand
brown, 200 g



6012148 Master Basing & Battleground Scree
Natural Stone, fine grain, 70 g



6012149 Master Basing & Battleground Scree
Natural Stone, medium grain, 50 g



6012115 Basing & Battleground Reed
green, 10 g, length approx. 6 cm can be shortened



6012181 Basing & Battlground, Lichen, *light and dark green, 20 g*



6012176 Master Basing & Battleground Dead-Earth-Paste
100 ml Paste, 50 ml Primer



6012172 Model-Grass Glue
125 ml



6012170 Static Model-Grass Applicator, *empty*

KATO Locomotives, UNITRAM and UNITRACK Systems.

»Precision railroad models« this KATO slogan is not an empty promise: it aptly describes the Japanese brand's qualities. Top quality, the highest level of realism and the finest technology have given the Japanese market leader KATO international renown. Particularly in the US, KATO models are enjoying ever greater popularity, and in Germany, the number of followers is growing steadily. This is reason enough for us to distribute these first-rate models from the Far East throughout Europe. In addition to the growing German range, you'll find numerous international models and an abundance of American locomotives and carriages in the KATO portfolio. Also in the NOCH range as well as other first-class KATO products is the UNITRACK system for N and H0 gauge. The innovative UNITRAM system also has a lot of fans here. Further info can be found at www.kato-unitrack.de

G 1 0 H0 TT N Z



KATO

Rhaetian Railway® Series – from page 378
• A series to fall in love with, collect and admire

US Passenger and Freight Trains – from page 382
• Classic, established and virtually indispensable

N and H0 Gauge UNITRAM Track Materials – from page 384
• First-rate quality and effortlessly easy application

N Gauge UNITRAM Tram System – from page 394
• Fast, simple, compact and combinable

The Rhaetian Railway® – Fascinating Travel



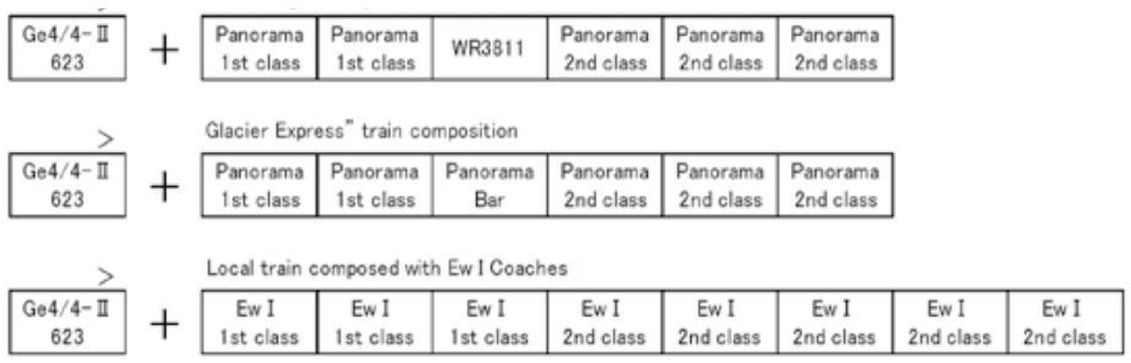
N RhB Rmin 150 mm DCC friendly ***Ge4/4 II »Glacier Express«***

This »Glacier Express« advertising slogan celebrates the partnership between the Rhaetian Railway® and the Matterhorn Gotthard Railway, which was initiated in 2018. To mark this occasion, KATO launched the N gauge loco.

Model features:

- *Minimum radius: R150*
- *Maximum incline: 5 %*
- *Operating headlights*
- *Close coupler mounted (N gauge coupling supplied)*
- *DCC-friendly digitisation e.g. with Digitrax replacement circuit board (not included)*

Locomotive Ge4/4 II		
Ref.	***Description***	***Gauge***
7074053	*Ge4/4 II »Glacier Express« #623*	*N*
70DN63K4A	*DCC decoder replacement circuit board from Digitrax*	*N*







N RhB **WR 3811 »GOURMINO« Restaurant Car**



Historical background:

In 1929 and 1930, Mitropa procured three restaurant cars, known as Dr4ü 10-12, for use in the Rhaetian Railway s® luxury trains.
The vehicle designation Dr4ü 10-12 changed to Dr4ü 3810-3812 in 1956 and later to WR 3810-3812.
WR 3810-3811 were converted into nostalgic restaurant cars in 1982/83 and fitted with new kitchen equipment to allow fresh meals to be prepared.

KATO N Gauge Gourmino WR 3811

- *Originally varnished in red, the restaurant car was rebuilt and renovated in 1990 and was given the elegant blue of the Alpine Classic Pullman Express (ACPE).*
- *Special features of this model are:*
- *Table lighting with warm white LEDs*
- *Interior including chairs in brown*

Rhaetian Railway® Gourmino Restaurant Car		
Ref.	***Description***	***Gauge***
7074054	*WR3811 Gourmino Restaurant Car*	*N*

»Hakone Tozan« Jubilee Locomotive + 2 EW I Coaches



With this new Ge 4/4 II Hakone Tozan Basic Set incl. two EW 1 coaches (new running numbers), the friendship between Swiss and Japanese railway companies is also honoured by KATO.

Following the Bernina line of the Rhaetian Railway®, the Japanese Hakone Tozan (mountain) railway network was developed, modelled on the Bernina line. To overcome the steep incline, the Hakone Tozan uses water for wheel rim lubrication. Water boxes, which wet the rails, are installed in the bogies for this purpose. This makes using cogs superfluous, even on the occasionally steep sections that provide access to the beautiful landscape. A partnership of the two railway companies, with their main focus of making beautiful mountain landscapes accessible. For the 40th anniversary of this friendship, the Ge4/4 II #622 Hakone Tozan received a special painting.

Ge 4/4 II		
Ref.	***Description***	***Gauge***
*7074048**	*Hakone Tozan + 2 EW I coaches, Rhaetian Railway®*	*N*

**sold out at factory*

Einheitswagen I (EW I)

With more than 100 vehicles, the passenger cars known as EW I continue to form the largest series of rolling stock of the RhB. The first Einheitswagen I built by FFA and SIG (Swiss manufacturers) were put into operation at the end of 1963. Over a period of about ten years, the EW I stock grew steadily. After nearly three decades of operation, the RhB initiated a comprehensive modernisation programme for the EW I, so that today, a large proportion of vehicles can barely be distinguished from new rolling stock.
The EW I Sets from KATO, in the usual high quality, have been put together in such a way that the most varied, true-to-life train formations are possible.



N RhB ***EW I (Einheitswagen)***

Train formation: EW I with Ge 4/4 II and III

Basic Set A1223 B2347 B2343 B2352
Add-On Set A1241 B2357 B2292 A1227

Ge 4/4 ***Einheitswagen I***

II or III — A1223 B2347 B2343 — *Standard train*

II or III headlights — A1223 A1227 B2343 B2352 B2347 — *Albula Line - root component*

II – angular headlights — A1241 B2357 B2292 — *Disentis Line - root component*

II – round headlights — A1241 B2357 B2292 — *Disentis Line - root component*

II or III — A1223 A1227 B2343 B2352 B2347 A1241 B2357 B2292 — *Albula Line - root component, long*

Model Features:

- *Optional interior lighting possible with KATO Standard LED Kit (optional not included)*
- *Pre-mounted short couplings*
- *Replacement coupler (2 x short coupler Ge4/4 III, 2 x short coupler GEX coaches, 2 x bellows for coaches with short coupling)*

Einheitswagen I – Passenger Coaches			
NOCH Ref.	***KATO Ref.***	***Description***	***Gauge***
7074044	*10-1413*	*Basic Set - 4 coaches*	*N*
7074045	*10-1414*	*Add-On Set 4 coaches incl. KATO bookcase box for 8 coaches*	*N*
7074888	*11-212*	*Interior Lighting with LEDs (6 pcs)*	*N*
7074889	*11-211*	*Interior Lighting with LEDs (single pack)*	*N*

Ge4/4 III Rhaetian Railway® Locomotive

The RhB has been driving from Reichenau to Ilanz for 100 years. The 19 km-long route through the rough Anterior Rhine Gorge (Ruinaulta), with its 14 bridges and 3 tunnels, remains one of the masterpieces of engineering.

Model Features:

- *Minimum radius: R150 / maximum incline: 5 %*
- *Digitisation with Digitrax Decoder (ref. 70DN63K4A; optional)*
- *Short couplings (2 pcs Arnold replacement couplers as accessories)*



N RhB DCC-friendly ***Ge4/4 III 642 Albula & Ruinaulta***

7074043 (3101)* ***100th Anniversary ALBULA and RUINAULTA***

**sold out at factory*

Comfort for Commuters & Tourists

»Willem Jan Holsboer« ALLEGRA and Bernina Express Train Set



N RhB Rmin 150 mm ***Allegra / Bernina Express***

Allegra ABe 8 / 12 3501 and Bernina Express			
NOCH Ref.	***KATO Ref.***	***Description***	***Gauge***
7074035	*10-1273*	*Allegra ABe 8/12 3501*	*N*
7074036	*10-025*	*Allegra ABe 8/12 Starter Set*	*N*
7074041	*10-1318*	*Bernina Express Basic-Set, 5 pieces (Allegra 3 pieces with new running number + 2 coaches)*	*N*
7074042	*10-1319*	*Bernina Express Expansion Set, 4-piece coach set*	*N*

Matching accessories			
NOCH Ref.	***KATO Ref.***	***Description***	***Gauge***
7074888	*11-212*	*Interior Lighting with LEDs, 6 pcs.*	*N*
7074889	*11-211*	*Interior Lighting with LEDs, single pack*	*N*
7074894	*29-353*	*Functions Decoder for Interior Lighting (only for Bernina coaches)*	*N*

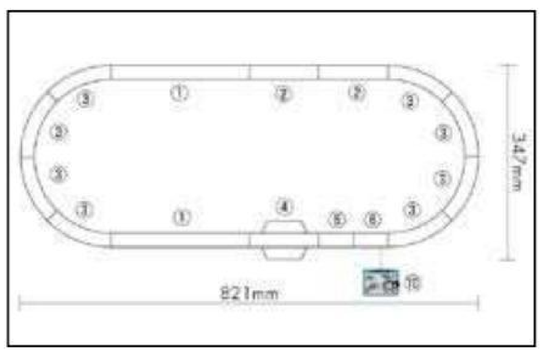
GLACIER EXPRESS
St.Moritz / Davos - Zermatt



Glacier on Tour Starter Set

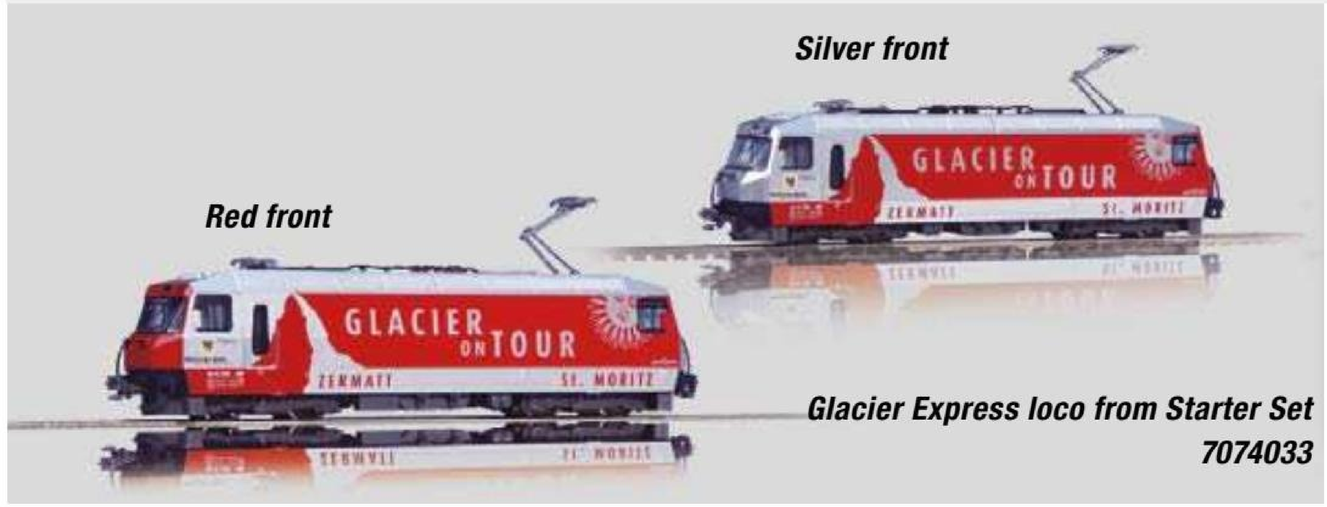
All-in-one starter set!
Simply unpack and build – done!





Glacier Express - Starter Set			
NOCH Ref.	**KATO Ref.**	**Contents**	**Gauge**
7074033	10-006	2 x Straight Track, 248 mm 2 x Straight Track, 124 mm 8 x Curved Track, R150-45° Open Railway Crossing, 124 mm Straight Track, 62 mm Straight Feeder Track, 62 mm Feeder Cable Rerailer Rail Joiner, Removal Tool Power Pack (speed controller) Locomotive Panorama Coaches	N

KATO RhB Series



Glacier Express loco from Starter Set 7074033



7074040*
»Die kleine Rote« (The little Red One) special model

*sold out at factory

7074030 (10-1145)
3-piece basic set consists of:
- Ge 4/4 III Loco
- 1st Class Panorama Car
- 2nd Class Panorama Car



7074031 (10-1146)
4-piece supplementary set consists of:
- Panorama Bar Car
- 1st Class Panorama Car
- 2nd Class Panorama Car
- 2nd Class Panorama Car

Station and Platform



7023245 (23-245A) Swiss Alps Glacier Express Station



7074979 (23-129) Glacier Express Platform

Optional accessories

7074032 (28-186)
Glacier Express Short Coupler and Bellows Set
(26 pieces)

70DN63K4A
DCC Decoder (Digitrax)
Board replacement decoder



Commanding US Passenger and Freight Trains

Milwaukee Road Olympian Hiawatha

The MILWAUKEE ROAD Olympian Hiawatha is also available in N gauge! Another classic train set comes from KATO USA as well as the EMD FP7A Locomotive, based on new tools. Experience the commanding appearance of this 1952 train, with »Super Dome« and »Skytop Lounge« inscriptions on the cars. The Olympian Hiawatha joins the ranks of well-known US trains, such as the Morning Daylight, California Zephyr, Super Chief and KATO's »Signature Name Train« series!

From 1947 to 1961, the Milwaukee Road Olympian Hiawatha was operated as a tourist train by the Chicago, Milwaukee, St Paul's and Pacific Railroad Company and used between Chicago and the Pacific Northwest. In 1952, the first full-length Super Dome coach made its début, with over 68 dome carriage and 28 lounge carriage seats.



N USA **Milwaukee Road Olympian Hiawatha**

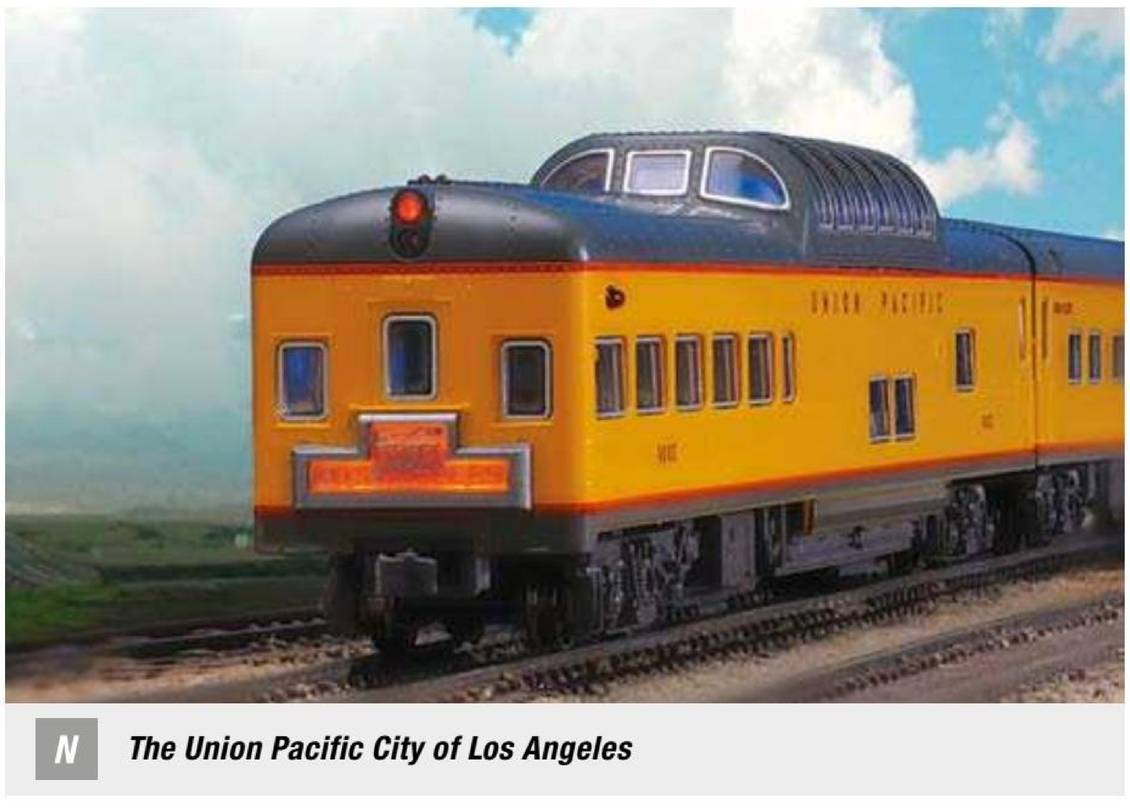
Milwaukee Road Olympian Hiawatha		
Ref.	**Description**	**Gauge**
70106082	9-Car Set Contents of the pack: · Baggage-Dormitory No. 1313 · 48-Seat Coach No. 524 · 48-Seat Coach No. 531 · Super Dome Lounge No. 53 · Diner No. 115 · »Mount St Helen's« 14-Section Touralux Sleeper No. 5746 · »Lake Pewaukee« 10-6-Sleeper No. 8 · »Lake Oconomowoc« 10-6-Sleeper No. 5 · »Coffee Creek« 8-Double Bedroom Lounge Observation No. 15	N
701060430	Milwaukee Road EMD FP7A and F7B 2-Locomotive Set · FP7A No. 95A · F7B No. 95B (with »Winterization Hatch«)	N
701762301	Milwaukee Road EMD FP7A No. 95C	N
7011650	Alternate Number Boards for Milwaukee Road FP7A (Nos. 90A + 90C)	N
Matching accessories		
7074888	Interior Lighting with LEDs (6 pcs.)	N
7074889	Interior Lighting with LEDs (single pack)	N

Model Features:

- *Fully modified mechanics of the FP7 locomotive and new housing for the F7B to reflect the prototypical features of the Milwaukee Railroad Company*
- *New tools for all Hiawatha train cars*
- *Each car is equipped with low flange wheels and KATO magnetic couplers*
- *The Super Dome and the characteristic end car, first used in 1952, are kitted out with an exclusive maroon interior and crystal clear windows*
- *Option to retrofit KATO Interior Lighting*



The Union Pacific City of Los Angeles		
Ref.	**Description**	**Gauge**
701765317	E9A Union Pacific with Nose Herald No. 957	N
701765317DCC	As above, with digital TCS Decoder	N
701765318	E9A Union Pacific with Nose Herald No. 962	N
701765318DCC	As above, with digital TCS Decoder	N
701765354	E9B Union Pacific No. 957B	N
701765354DCC	As above, with digital TCS Decoder	N
701765355	E9B Union Pacific No. 962B	N
701765355DCC	As above, with digital TCS Decoder	N
70106087	11-Carriage Set (partly new tools)	N



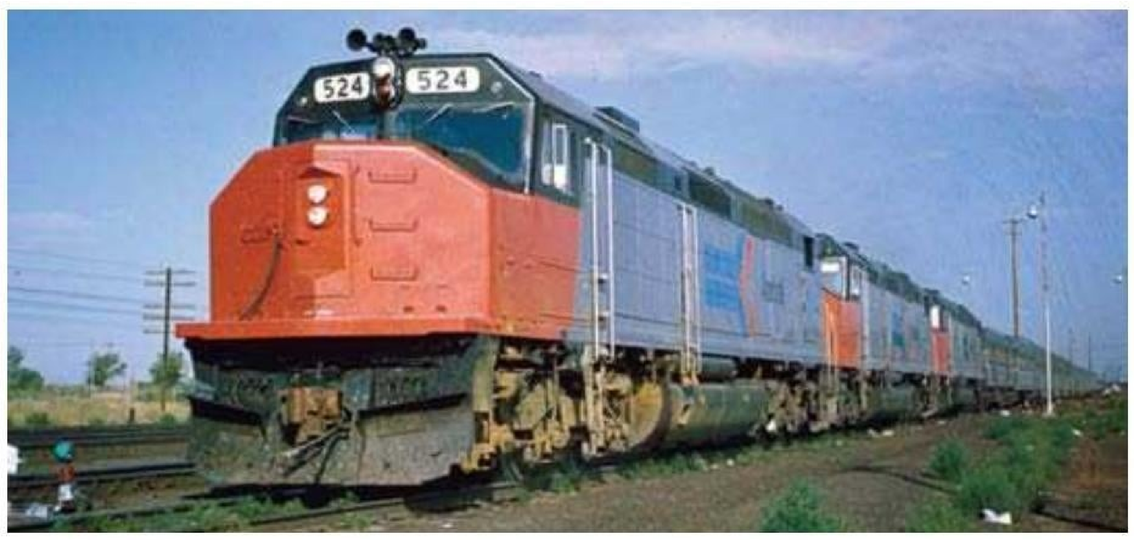
N **The Union Pacific City of Los Angeles**





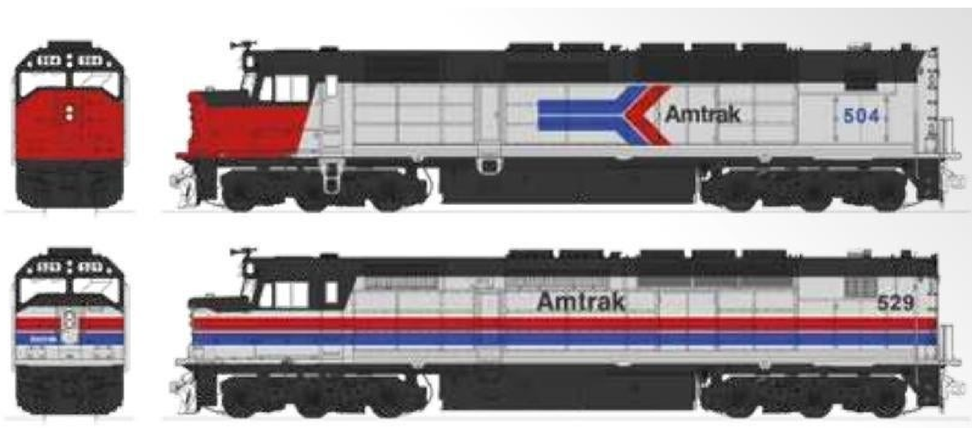
KATO UNITRACK Starter Sets		
Ref.	**Description**	**Gauge**
701060031	MP36PH Chicago Metra Gallery Bi-Level Commuter Train Starter Set Contents of the pack: · 1 x MPI MP36PH Loco Chicago Metra No. 416 · Chicago Metra Gallery Bi-Level Coach No. 6004 · Chicago Metra Gallery Bi-Level Coach No. 6034 · Chicago Metra Gallery Bi-Level Cab Coach No. 8527 · KATO Power Pack/Controller · oval track · 1 x Open Railway Crossing (= Rerailer) · storage/bookcase box for loco and carriages	N
701060032	F40PH Chicago Metra Gallery Bi-Level Commuter Train Starter Set Contents of the pack as 701060031, but with EMD F40PH Chicago Metra No. 137 Locomotive	N

KATO UNITRACK Starter Sets		
Ref.	**Description**	**Gauge**
701060033	MP36PH Virginia Railway Express Gallery Bi-Level Commuter Train Starter Set Contents of the pack: · 1 x MPI MP36PH Loco Virginia Railway Express No. V51 · Virginia Railway Express Gallery Bi-Level Coach No. V807 · Virginia Railway Express Gallery Bi-Level Coach No. V800 · Virginia Railway Express Gallery Bi-Level Cab Coach No. V710 · KATO Power Pack/Controller · oval track · 1 x Open Railway Crossing (= Rerailer) · storage/bookcase box for loco and carriages	N
701060034	F40PH Virginia Railway Express Gallery Bi-Level Commuter Train Starter Set Contents of the pack as 701060033, but with EMD F40PH Loco Virginia Railway Express No. V36	N
701060041	CB&Q Silver Streak Zephyr Starter Set Contents of the pack: · 1 x EMD E5A »Silver Bullet« Loco No. 9909 · »Silver Sheen« Budd Baggage/RPO No. 1600 · »Silver Light« Budd Baggage Wagon No. 900 · »Silver Gleam« Budd Carriage No. 4703 · »Silver Glow« Budd Carriage No. 4704 · »Silver Spirit« Budd Observation No. 300 · KATO Power Pack/Controller · oval track · 1 x Open Railway Crossing (= Rerailer) · storage/bookcase box for loco and cars, with room for 2 x E5 locomotives (optional)	N



EMD SDP40F Amtrak Phase I for N gauge

This realistic model version of the SDP40F was Amtrak's first commissioned locomotive to meet its own requirements for the line. The SDP40F is made to form a train with the »El Capitan« (formerly Santa Fe) double-decker passenger coach, which was a transcontinental passenger train until the arrival of the Superliner in 1979, as well as with the new »Southwest Limited« Coach Set. The SDP40F is thus a must-have for every die-hard N railway modeller.



N USA DCC friendly **EMD SDP40F Amtrak Phase I**

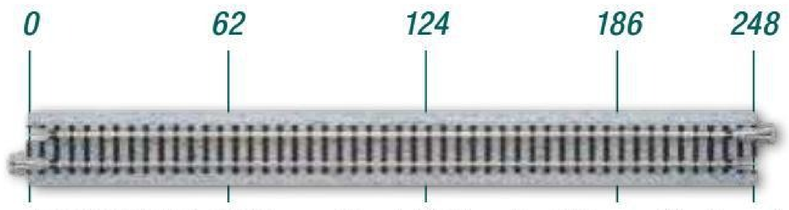
Model Features:

- *Structure as originally supplied*
- *Amtrak Phases I and II are the perfect complement to the »El Capitan« and »Southwest Limited« Sets*
- *Equipped with KATO magnetic knuckle couplers*
- *Warm white LED directional headlights, as well as printed, illuminated running number plates*
- *High-powered 5-pole motor with current collection on all burnished wheels*
- *DCC-friendly*

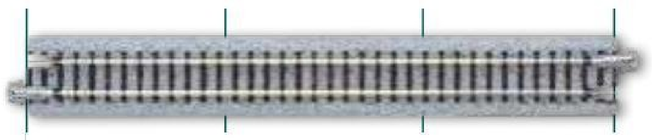
EMD SDP40F Locomotive		
Ref.	**Description**	**Gauge**
701769201	Amtrak Phase I No. 504	N
701769202	Amtrak Phase I No. 505	N
701769203	Amtrak Phase II No. 529	N
701769204	Amtrak Phase II No. 535	N

Matching car sets		
Ref.	**Description**	**Gauge**
70106079	Amtrak »El Capitan« 10-Car Set	N
70106081	Amtrak »Southwest Limited« 8-Car Set	N

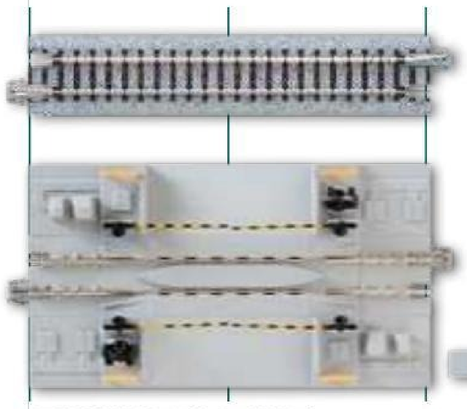
The N-Gauge KATO UNITRACK Range



7078001 (20-000) **Straight Track,** *248 mm (4 pieces)*

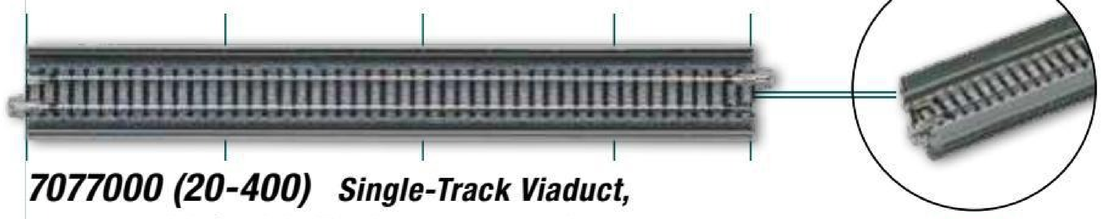


7078002 (20-010) **Straight Track,** *186 mm (4 pieces)*

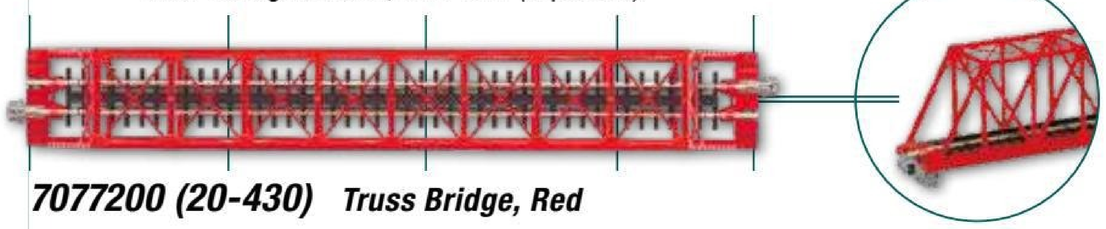


7078003 (20-020) **Straight Track**
124 mm (4 pieces)

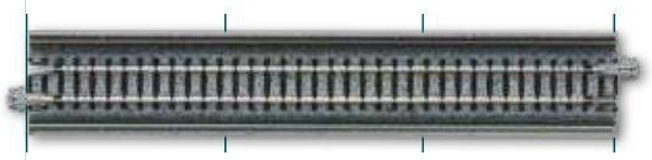
7020027 (20-027) **Single-Track Barrier Railway Crossing**
(without functions), 124 mm, incl. area for rerailing (1 piece)



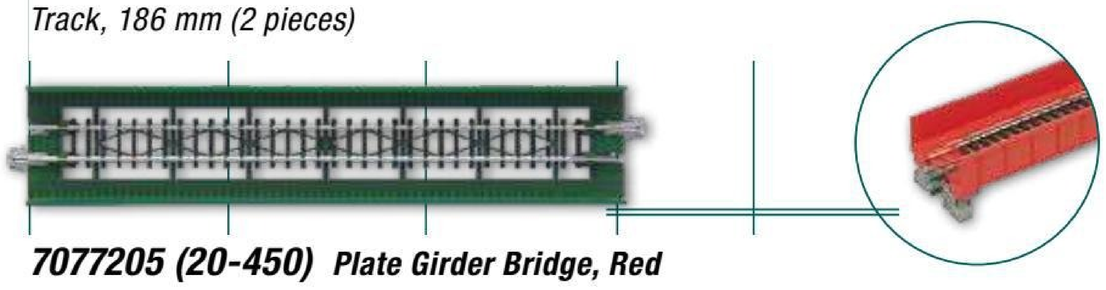
7077000 (20-400) **Single-Track Viaduct,**
with Straight Track, 248 mm (2 pieces)



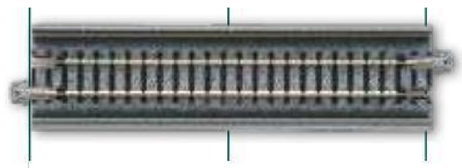
7077200 (20-430) **Truss Bridge, Red**
7077201 (20-431) **Truss Bridge, Green**
7077202 (20-432) **Truss Bridge, Grey**
Each with 248 mm track (1 piece)



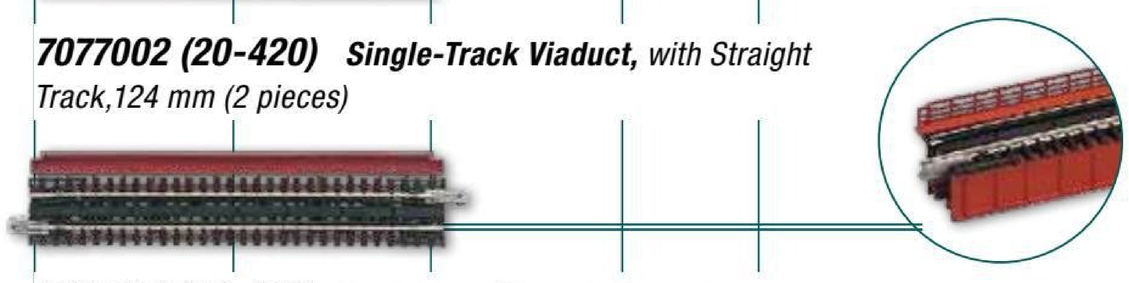
7077001 (20-410) **Single-Track Viaduct,** *with Straight Track, 186 mm (2 pieces)*



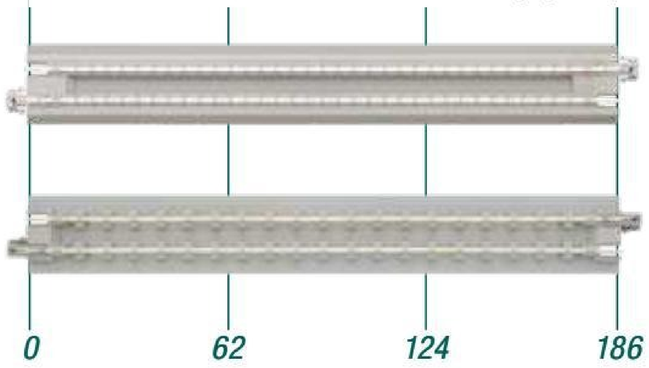
7077205 (20-450) **Plate Girder Bridge, Red**
7077206 (20-451) **Plate Girder Bridge, Green**
7077207 (20-452) **Plate Girder Bridge, Grey**
Each with 186 mm track (1 piece)



7077002 (20-420) **Single-Track Viaduct,** *with Straight Track,124 mm (2 pieces)*

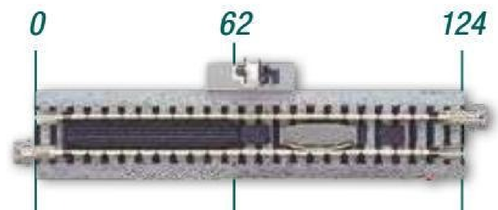


7077214 (20-460) **Deck Plate Girder Bridge, Red**
7077215 (20-461) **Deck Plate Girder Bridge, Green**
7077216 (20-462) **Deck Plate Girder Bridge, Grey**
Each 124 mm (1 piece)

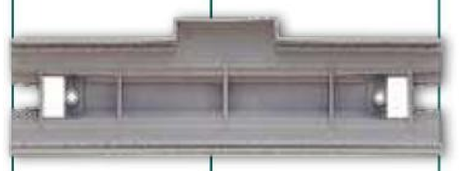


7078028 (20-015)
Ash Pit Track,
186 mm (2 pieces)

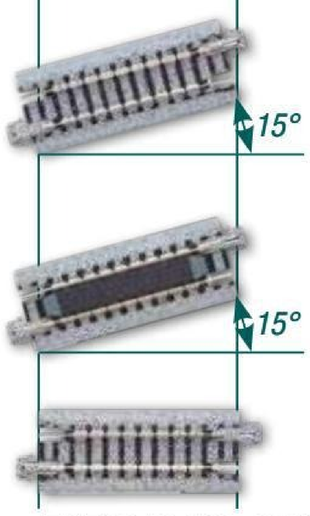
7078018 (20-016)
Open Pit Track,
186 mm (4 pieces)



7078013 (20-605)
Automatic Three-Color Signal Track
124 mm (1 piece)



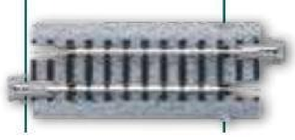
7077006 (20-421)
Viaduct Insert
for item 7078013 (1 piece)



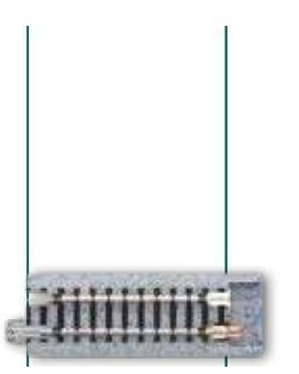
7078005 (20-030)
Straight Track
64 mm (2 pieces)

7078006 (20-032) **Uncoupler Track**
64 mm, straight; only for Micro Trains magnetic coupling (1 piece)

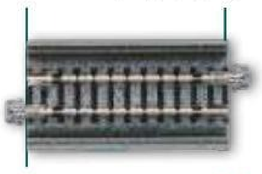
7078010 (20-040)
Straight Track
62 mm (4 pieces)

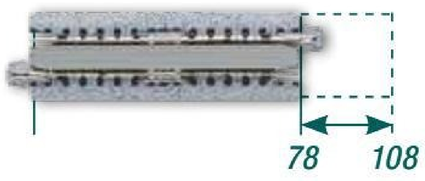


7078011 (20-041)
Straight Feeder Track
62 mm, cable + plug (1 piece)



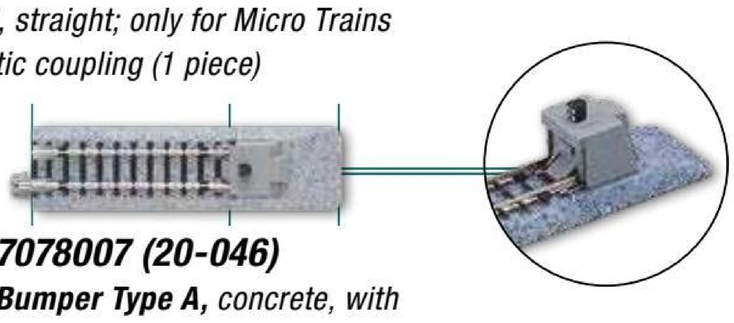
7078012 (20-045)
Snap Track Transition Track, *for Roco® Fleischmann® and Minitrix®*
62 mm (2 pieces)





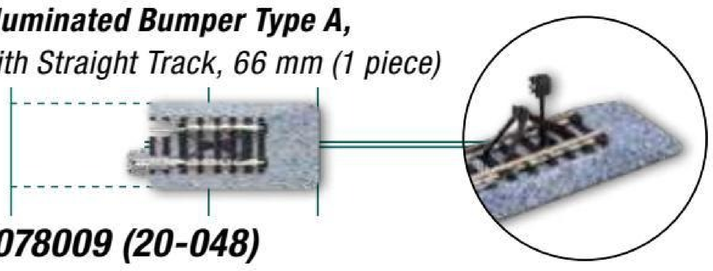
7078015 (20-091)
Short Track Assortment Set A, *2 mm x 45 mm / 8 mm x 29 mm*

7078016 (20-092)
Short Track Assortment Set B, *4 mm x 38 mm / 4 mm x 33 mm*



7078007 (20-046)
Bumper Type A, *concrete, with Straight Track 62 mm (2 pieces)*

7078029 (20-063)
Illuminated Bumper Type A,
with Straight Track, 66 mm (1 piece)



7078009 (20-048)
Bumper Type C, *with Straight Track, 50 mm (2 pieces)*

7078030 (20-064)
Illuminated Bumper Type C,
with Straight Track, 66 mm (1 piece)



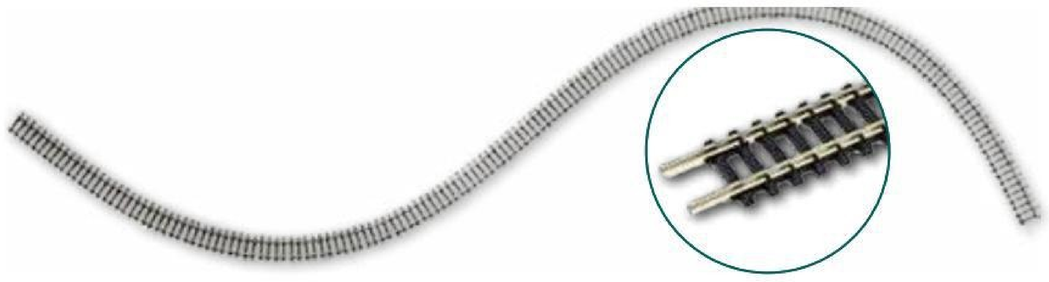
7078008 (20-047)
Bumper Type B, *wooden, with Straight Track, 62 mm (2 pieces)*



7078017 (20-060)
Bumper Type D
35 mm (2 pieces)

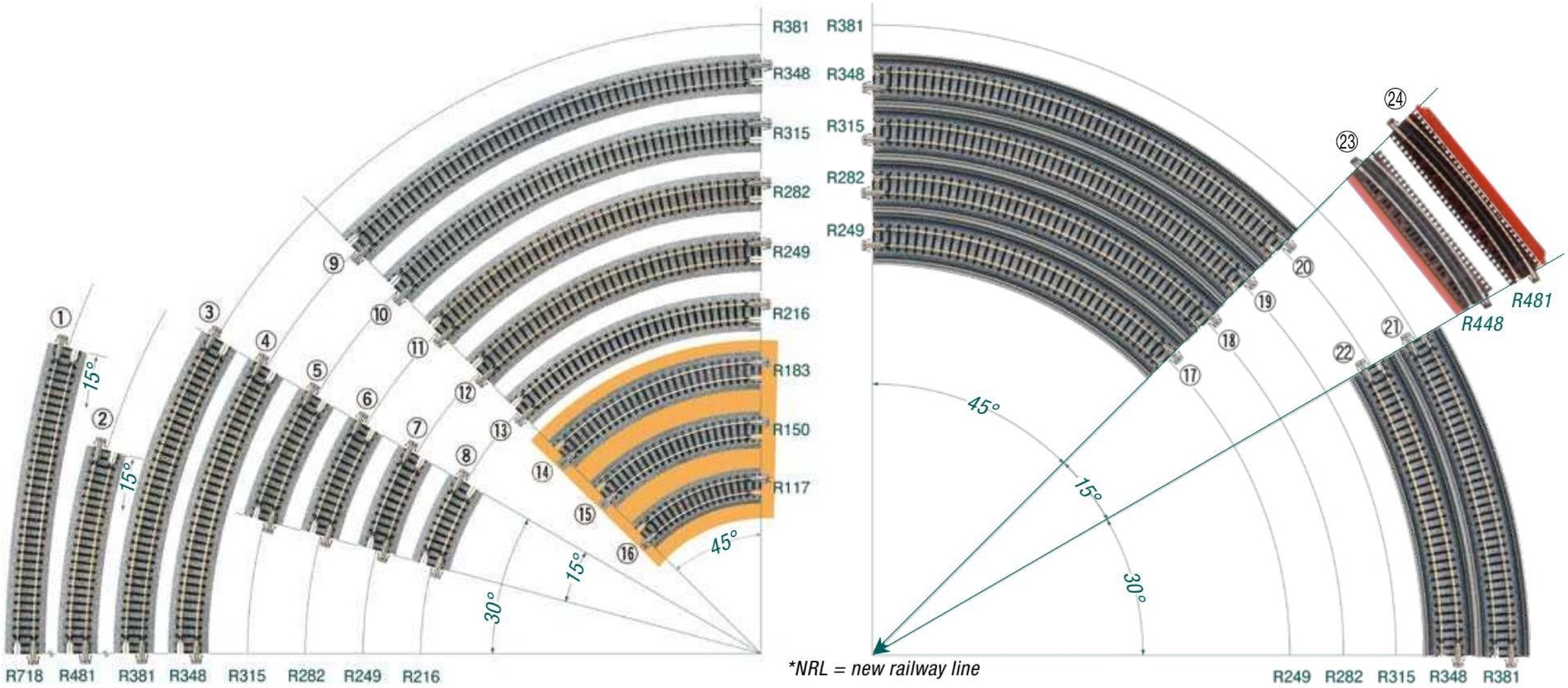
7077003 (20-440) **Single-Track Viaduct,**
with Straight Track, 62 mm (2 pieces)

7078014 (20-050) **Expansion Track,**
extendible 78 mm 108 mm (1 piece)



7078024 (21-000) **Flexible Track without Bed,** *with standard rail shoe and without UniJoiner, 808 mm (1 piece)*

G 1 0 H0 TT **N** Z



**NRL = new railway line*

Curved Tracks			
	NOCH Ref.	**KATO Ref.**	**Description**
1	7078108 (4 pcs.)	20-150	Curved Track R718-15°
2	7078109 (4 pcs.)	20-160	Curved Track R481-15°
3	7078107 (4 pcs.)	20-140	Curved Track R381-30°
4	7078105 (4 pcs.)	20-130	Curved Track R348-30°
5	7078104 (4 pcs.)	20-121	Curved Track R315-15°
6	7078102 (4 pcs.)	20-111	Curved Track R282-15°
7	7078110 (4 pcs.)	20-101	Curved Track R249-15°
8	7078113 (4 pcs.)	20-171	Curved Track R216-15°
9	7078106 (4 pcs.)	20-132	Curved Track R348-45°
10	7078103 (4 pcs.)	20-120	Curved Track R315-45°
11	7078101 (4 pcs.)	20-110	Curved Track R282-45°
12	7078100 (4 pcs.)	20-100	Curved Track R249-45°
13	7078112 (4 pcs.)	20-170	Curved Track R216-45°
14	7078118 (4 pcs.)	20-172	Curved Track R183-45° (Compact Line)
15	7078119 (4 pcs.)	20-174	Curved Track R150-45° (Compact Line)
16	7078122 (4 pcs.)	20-176	Curved Track R117-45° (Compact Line)

Curved Tracks			
	NOCH Ref.	**KATO Ref.**	**Description**
17	7077100 (2 pcs.)	20-505	Single-Track Curved Viaduct, NRL*, R249-45°
18	7077101 (2 pcs.)	20-510	Single-Track Curved Viaduct, NRL*, R282-45°
19	7077102 (2 pcs.)	20-520	Single-Track Curved Viaduct, NRL*, R315-45°
20	7077105 (2 pcs.)	20-530	Single-Track Curved Viaduct, NRL*, R348-45°
21	7077104 (2 pcs.)	20-540	Single-Track Curved Viaduct, NRL*, R381-30°
22	7077103 (2 pcs.)	20-531	Single-Track Curved Viaduct, NRL*, R348-30°
23	7077311 (1 Set)	20-823	Curved Bridge Set (Green R448-60°), with Curved Tracks, 4 Deck Girder Curved Bridges of 15°, 5 Piers incl. Inspection Space Detail Pieces, 6 Warren Brace Catenary Poles incl. Pole Stands
24	7077312 (1 Set)	20-824	Curved Bridge Set (Red R481-60°), with Curved Tracks, 4 Deck Girder Curved Bridges of 15°, 5 Piers incl. Inspection Space Detail Pieces, 2 Half UniJoiners

The Conversion Track by KATO UNITRACK

If you want to use UNITRACK in the future and have previously installed rails from another manufacturer, transitioning is no problem thanks to KATO's Transition Track.
The transition track's bed is recessed at one end and provided with a commercial rail shoe. Regardless of whether you use N-gauge tracks from Fleischmann-Piccolo®, Roco®, Arnold® or Minitrix®, the transition is easy, practical and reliable with the UNITRACK Transition Track!





Track manufacturers from left to right: Arnold®, Fleischmann-Piccolo®, Minitrix® and Roco®

7078012
Snap-Track® Conversion Track
2 pieces

Info Tip:
Conversion between rails

Since Arnold® rails are offset, the longer end of the two rails must be shortened with a cutting wheel. The conversion to KATO UNITRACK can only be made when both ends are the same length.



Stationary Decoder for UNITRACK

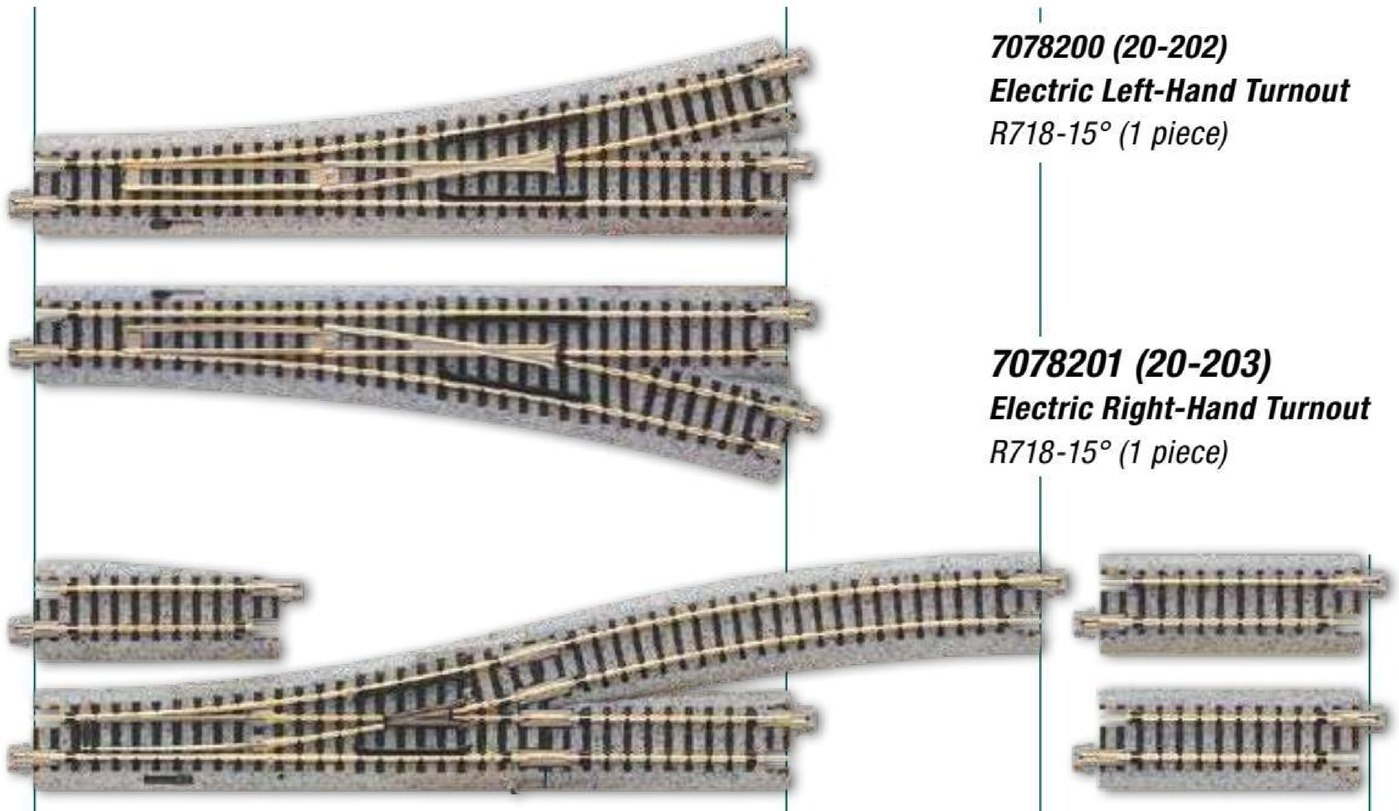
The DS51K1 is a special decoder for KATO DC turnouts. The Decoder is installed directly in the track bed.
Corresponding recesses already exist. The Decoder receives power directly from the turnout, i.e. from the railway circuit. Additional fiddly wiring is eliminated! The Decoder can be easily accessed and operated with your DCC/NMRA compatible, stationary and mobile turnouts controllers, or with wireless infrared controllers.

Input voltage: max. 20 V; output power: max. 1 A; reaction time: 0.3 secs. Made by Digitrax.

7074893 ***Sationary Decoder DS51K1***
to be used with item 7078200, 7078201, 7078203 and 7078204 (no image available)

7074896 ***Sationary Decoder DS52***
to be used with Double Crossover Track 7078202 (no image available)

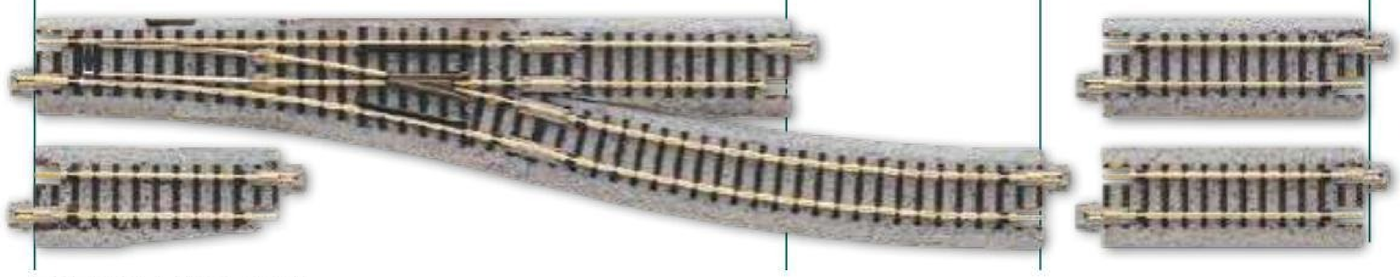
The N-Gauge KATO UNITRACK Range



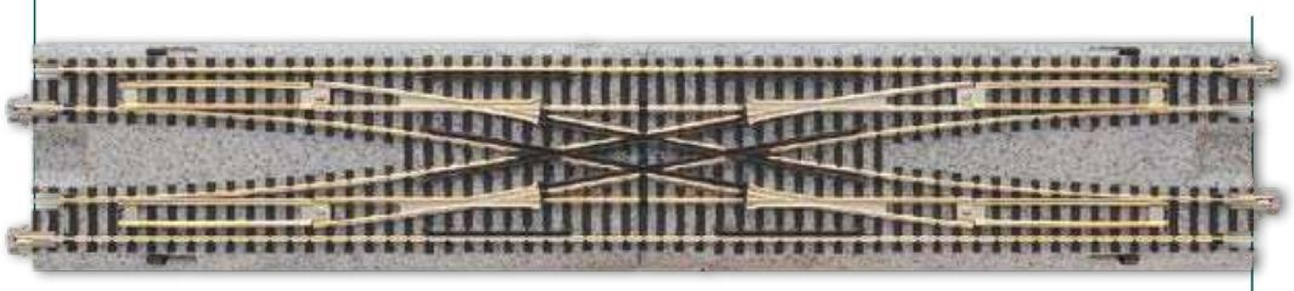
7078200 (20-202) **Electric Left-Hand Turnout**
R718-15° (1 piece)

7078201 (20-203) **Electric Right-Hand Turnout**
R718-15° (1 piece)

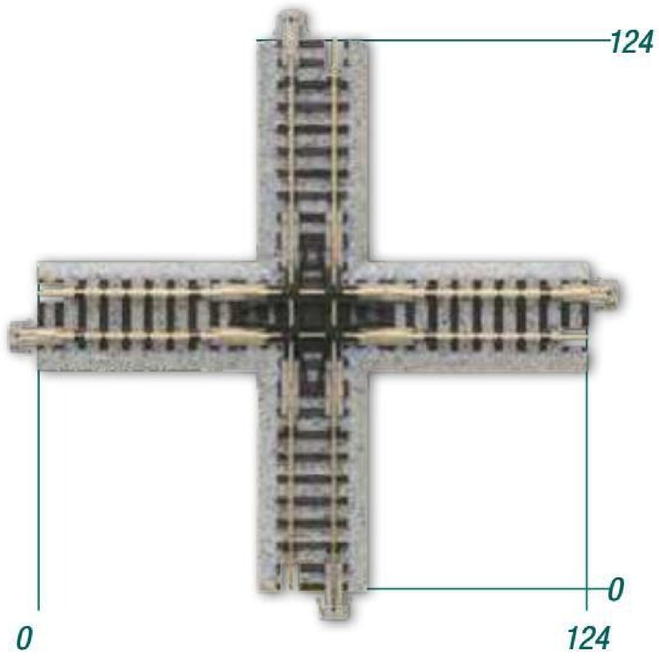
7078203 (20-220) **Electric Left-Hand Turnout**
R481-15° (1 piece)



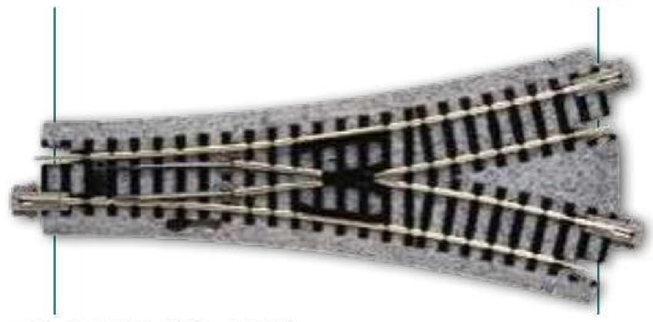
7078204 (20-221) **Electric Right-Hand Turnout**
R481-15° (1 piece)



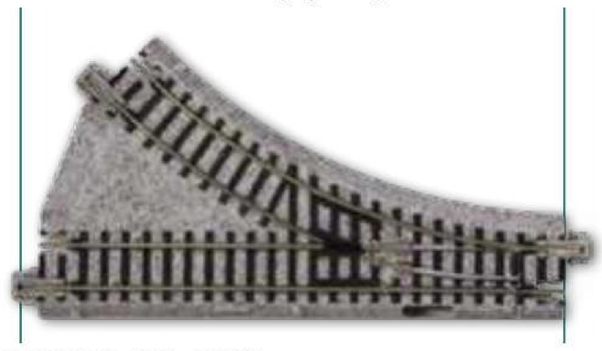
7078202 (20-210) **Double Crossover Track**
Electric, 310 mm (1 piece)



7078302 (20-320) **90° Crossing**
124 mm (1 piece)



7078205 (20-222) **Electric Y Turnout**
R481-15°, 124 mm
(1 piece)



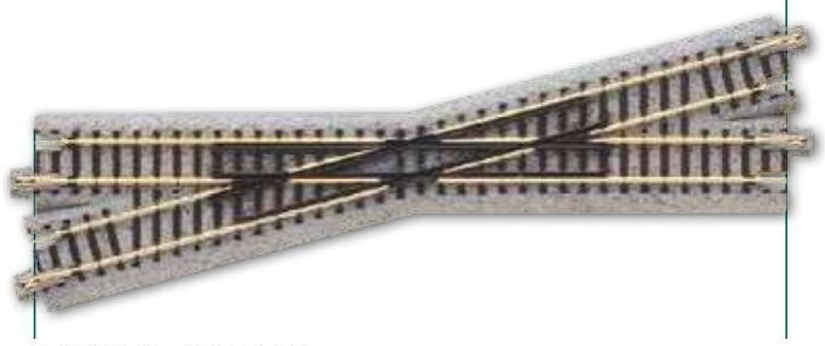
7078208 (20-240) **Electric Left-Hand Turnout**
(not pictured)
R150-45°
(1 piece)

7078209 (20-241) **Electric Right-Hand Turnout**
R150-45°
(1 piece)

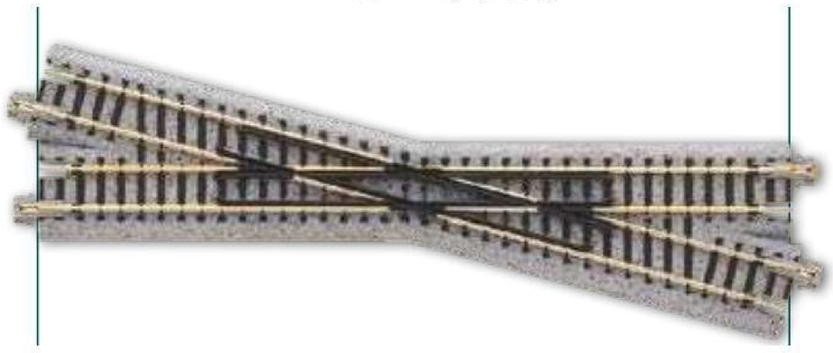
0 124

Info Tip:
Switching turnouts via control panel

KATO DC Turnouts are switched by polarity reversal via the KATO Turnout Switch. If you want to continue to use your control panel, the NOCH Turnout Module is required. For more information, see page 338 (ROKUHAN).

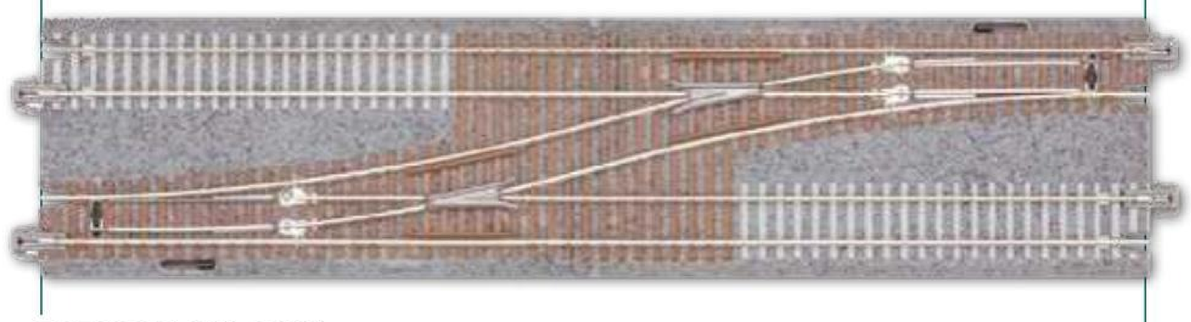


7078300 (20-300) **Left-Hand 15° Crossing**
186 mm (1 piece)

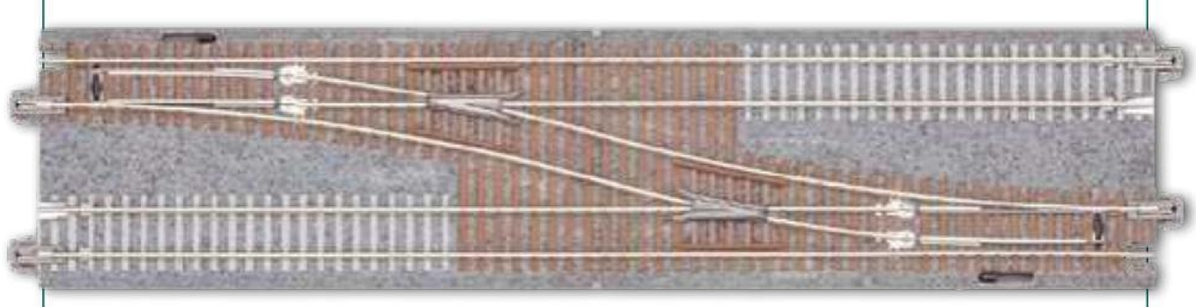


7078301 (20-301) **Right-Hand 15° Crossing**
186 mm (1 piece)

0 186



7078206 (20-230) **Double-Track Single Crossover with Left-Hand Turnout,** *248 mm (1 piece)*



7078207 (20-231) **Double-Track Single Crossover with Right-Hand Turnout,** *248 mm (1 piece)*

0 248

G 1 0 **H0** TT **N** Z



7078507 (24-815)
UniJoiner *(20 pieces)*



7078508 (24-816)
Insulated UniJoiner *(20 pieces)*



7077508 (24-818)
Terminal UniJoiner, *blue & white, 90 cm*



7077509 (24-825)
Extension Cord, *blue & white, for all DC connectors*



7077510 (24-826)
Extension Cord, *brown & white, for all AC connectors*



7077511 (24-827)
3-Way Extension Cord, *blue & white, with plug and cable*



7077512 (24-828)
Feeder Cord for NRL* Viaduct
(1 piece)



7078502 (24-841)
Turnout Extension Cord
red & black



7078500 (24-840)
Turnout Control Switch
(1 piece)



7078522 (24-829)
Accessory Adapter Power Pack
for connecting double coil magnet items from other manufacturers to the Power Pack



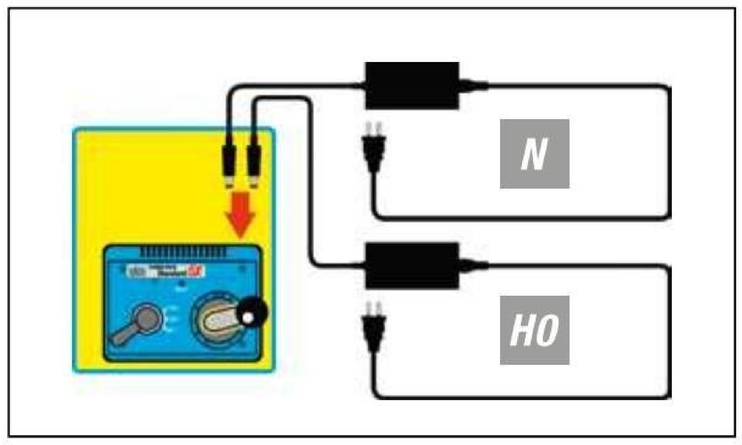
7078503 (24-842)
DC Converter
(in connection with Turnout Switch 7078500) with AC power supply from other manufacturers

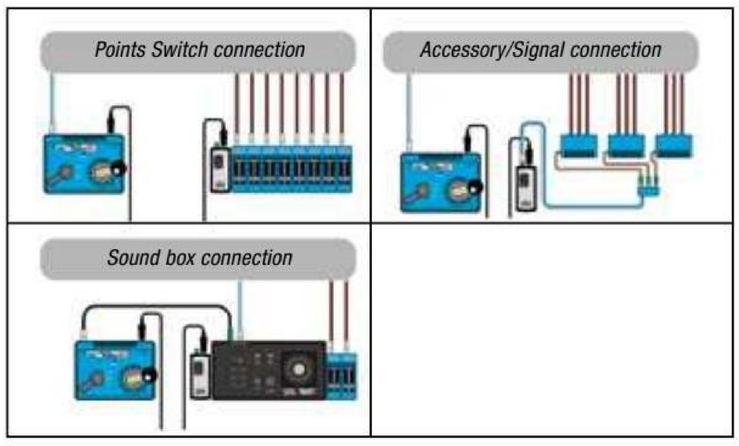


7078501 (24-843)
Terminal Adapter Cord, *blue & white*
for conversion to KATO plugs

** NRL = New Railway Line*







H0 **N** ***7078535*** ***Power Pack Standard SX (22-018)*** *Power Supply not included*

- *With modern PWM (pulse width modulation) technology for finer motor control (e.g. for realistic creep speed)*
- *Increased output power (1.2 A) for optimum DC power supply to the trains*
- *Optimised for constant continuous light supply in loco and car*
- *Control red/green LEDs on the device for quick visualisation of faults*

Of course, still including the tried and tested master control lever and switch, as well as the side connections for installing turnout switches

N ***7078536*** ***Power Supply for Power Pack (22-082)***

H0 ***7078537*** ***Power Supply for Power Pack (22-083)***

To meet the different power requirements for N and H0 gauge, there are two different power supplies:
- *N-gauge power supply with 0~12 V 1.2 A*
- *H0-gauge power supply with 0~16 V 1.2 A*

The power supply must always be ordered separately from the Power Pack SX and the Portable Power Supply Distributor.

H0 **N** ***7078538*** ***Accessory Power Supply***
Power Supply not included



Portable Power Supply Distributor:
- *Has a separate on/off switch*
- *Has short-circuit overload protection to prevent damage to the accessories*
- *Includes control red/green LEDs for quick visualisation of faults*
- *Supplies output power of 12 V DC with the N-gauge power supply and 16 V DC with the H0-gauge power supply*
- *Has a nominal current of 2 A*

Following the same principle as the Power Pack, this device supplies:
- *Turnout Switch (7078500)*
- *Accessory Adapter (7078522)*
- *Signal Power Supply (7078504)*
- *Automatic Signal Straight Track (7078013)*
- *SoundBox (7022101)*

It can, however, be positioned anywhere from the Power Pack.

The power connection is also made via the power supplies, which must be ordered separately.
- *N-gauge power supply with 0~12 V 1.2 A*
- *H0-gauge power supply with 0~16 V 1.2 A*

Note: *to connect double-coil magnet items from other manufacturers to the PowerPack, the Accessory Adapter (ref. 7078522) and the Adapter Cord (ref. 7078501) are required.*

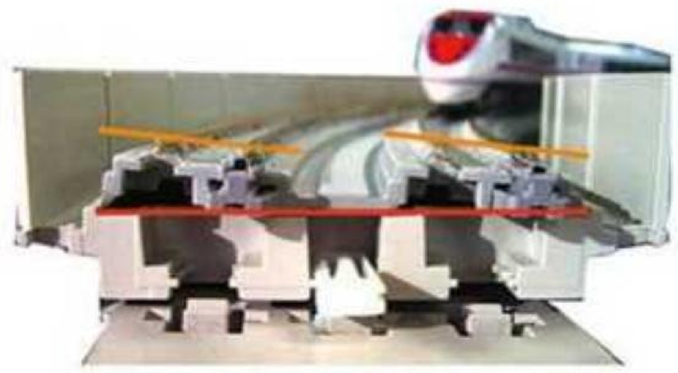
N-Gauge Double-Track New Railway Line Viaduct

The Double-Track New Railway Line Viaduct track elements from KATO are unique in the world. The elements, which are really easy to lay, are ideal for modern routes and the operation of high-speed trains such as the ICE, TGV or Shinkansen.

- *The tracks can be combined with KATO Single Tracks without difficulty*
- *The Catenary Poles (refs. 7078520 and 7078521) can also be used*
- *Slots are already provided in the elements*
- *The track distance is 33 mm. The matching Double-Track Bridge Piers are 5 cm high*

The unique Viaduct Station Set (ref. 7074931) impressively rounds off the range. The station, with a length of 124 cm, is certainly a highlight of your layout.



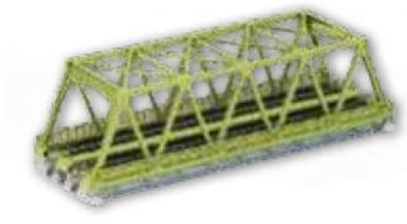


Double-track with Concrete Sleepers and superelevated rails



7077210 (20-436)
Truss Bridge, Light Blue
double-track with tracks,
248 mm

7077213 (20-437) *(not pictured)*
Truss Bridge, Silver
double-track with tracks,
248 mm



7077212 (20-438) *(not pictured)*
Truss Bridge, Black
double-track with tracks,
248 mm

7077220 (20-439)
Truss Bridge, Green
double-track with tracks
248 mm



7077004 (20-401)
NRL* Viaduct
double-track with straight track,
248 mm (2 pieces)

**NRL = new railway line*



7077005 (20-411)
NRL* Viaduct
double-track with straight track,
186 mm (2 pieces)



7077007 (20-422)
NRL* Viaduct
double-track with straight track,
124 mm (2 pieces)



7077107 (20-545)
NRL* Viaduct
double-track with curved track,
R414/381-22.5°
(2 pieces)



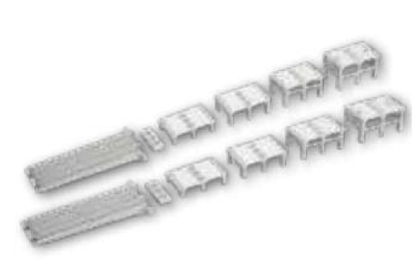
7077106 (20-544)
NRL* Viaduct
double-track with curved track,
R414/381-45°
(2 pieces)



7077306 (23-019)
Concrete Column Pier Set
for bridges and NRL Viaduct,*
double-track, 50 mm high
(6 pieces)



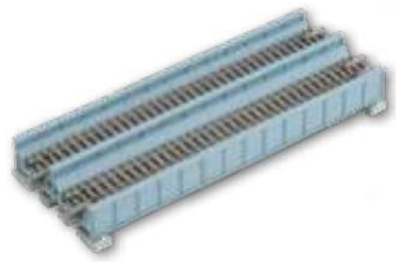
7077305 (23-020)
Pier Set
for bridges and NRL Viaduct,*
double-track, 50 mm high
(6 pieces)



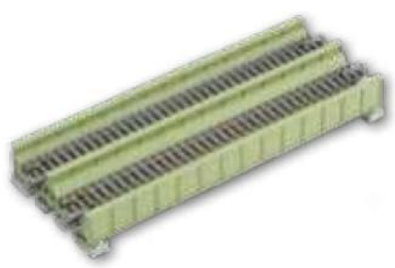
7077309 (20-048)
Viaduct Incline Basic Pier Set
for double-track viaduct tracks
+ ramp (variable heights)
(12-piece set)



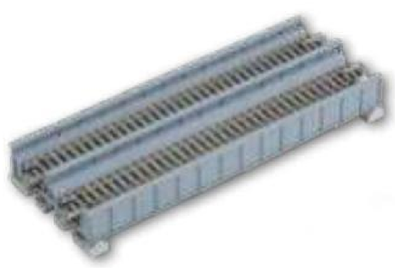
7077308 (20-049)
Viaduct Incline Auxilliary Pier Set
Supplementary piers to set
7077309 (10-piece set)



7077217 (20-455)
Plate Girder Bridge, Light Blue
double-track, 186 mm



7077218 (20-456)
Plate Girder Bridge, Light Green
double-track, 186 mm



7077219 (20-457)
Plate Girder Bridge, Grey
double-track, 186 mm



7077302 (23-017)
Viaduct Pier Set
single-track, 50 mm high
(5 pieces)



7077300 (20-015)
Incline Pier Set
15-50 mm



7077301 (20-016)
Gradual Single Track Incline Pier Set
Supplementary piers to set 7077300



7077310 (23-047)
Pier Set
single-track, 50 mm (5 pieces)



7077304 (24-817)
S-Joiner
for securing NRL Viaducts
(20 pieces)

G 1 0 HO TT **N** Z



7078019 (20-004)
Straight Track, *double-track with Concrete Sleepers, 248 mm (2 pieces)*



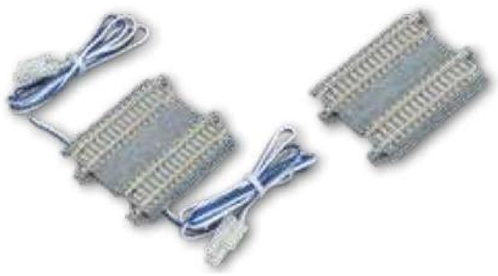
7078020 (20-012)
Straight Track, *double-track with Concrete Sleepers, 186 mm (2 pieces)*



7078021 (20-023)
Straight Track, *double-track with Concrete Sleepers, 124 mm (2 pieces)*



7078022 (20-042)
Straight Track, *double-track with Concrete Sleepers, 62 mm (2 pieces)*



7078023 (20-043)
Straight Feeder Track, *double-track with Concrete Sleepers, 62 mm (1 piece)*



7078025 (20-875)
Straight Track, *for Platforms and Stations, with Concrete Sleepers 248 mm (4 pieces)*



7078026 (20-051)
Double Track Widening Section Left, *double-track with Concrete Sleepers 310 mm (1 piece)*



7078027 (20-052)
Double Track Widening Section Right, *double-track with Concrete Sleepers 310 mm (1 piece)*



7078120 (20-185)
Superelevated Curve Track, *double-track, with Concrete Sleepers, R480/477-45° (2 pieces)*



7078116 (20-183)
Superelevated Curve Track, *double-track, with Concrete Sleepers, R315/282-45° (2 pieces)*



7078114 (20-181)
Superelevated Curve Track, *double-track, with Concrete Sleepers, R414/381-45° (2 pieces)*



7078117 (20-184)
Track Easement Curve Track, Left + Right, *double-track with Concrete Sleepers, R315/282-22.5° (2 pieces)*



7078115 (20-182)
Track Easement Curve Track, Left + Right, *double-track with Concrete Sleepers, R414/381-22.5° (2 pieces)*



7078121 (20-186)
Track Easement Curve Track, Left + Right, *double-track with Concrete Sleepers, R480/477-22.5° (2 pieces)*

KATO N-Gauge Slab Track

With the arrival of high-speed trains, the demands on the rails likewise continues to increase. The so-called »ballastless tracks« were thus developed. KATO takes you into this new era of rails.



7078647 ***Variations-Set V17 (Set)***
(20-877) *Oval Double Slab Track Set, R414/853 outer dimensions: 1476 mm x 853 mm*



7078400 (20-006)
Double-Track Concrete Slab, *straight, 248 mm (2 pieces)*



7078401 (20-014)
Double-Track Concrete Slab, *straight, 186 mm (2 pieces)*



7078402 (20-025)
Double-Track Concrete Slab, *straight, 124 mm (2 pieces)*



7078405 (20-044)
Double-Track Concrete Slab, *straight, 62 mm (2 pieces)*



7078406 (20-049)
Double-Track Concrete Slab Feeder Track *(1 piece)*

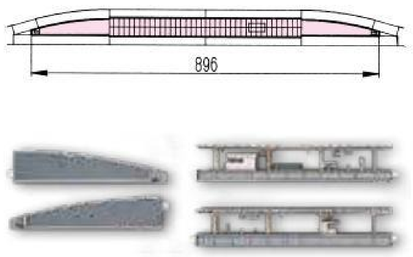


7078403 (20-187)
Double Track Superelevated Curve Track*, R414/381, 45° (2 pieces)*

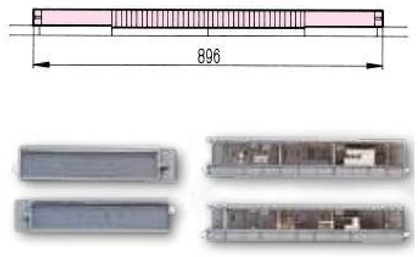


7078404 (20-188)
Double Track Easement Curve Track *left + right, R414/381, 22.5° (1 piece of each)*

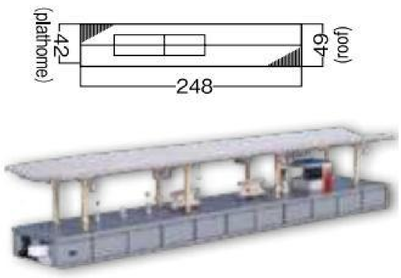
N-Gauge Platforms, Buildings and Catenary Poles



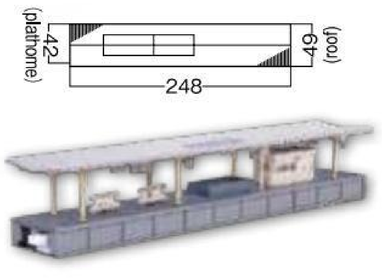
7078509 (20-806)
Island Platform Complete
***Set B**, 896 mm, without tracks*



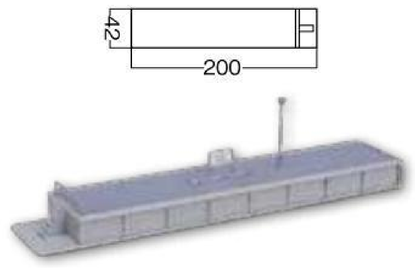
7078510 (20-815)
Island Platform Complete
***Set A**, 896 mm, without tracks*



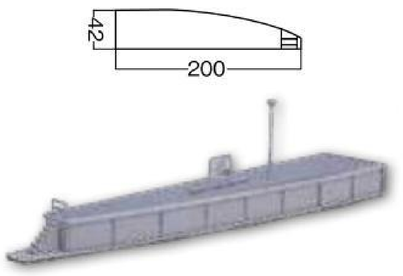
7074915 (23-100)
Island Platform A
248 mm x 42 mm, roofed, with kiosk



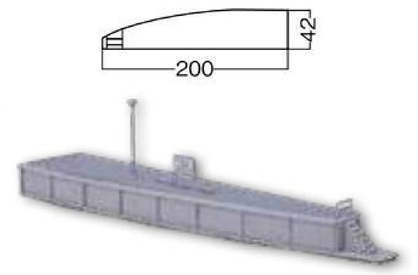
7074916 (23-101)
Island Platform B
248 mm x 42 mm, roofed, with waiting room



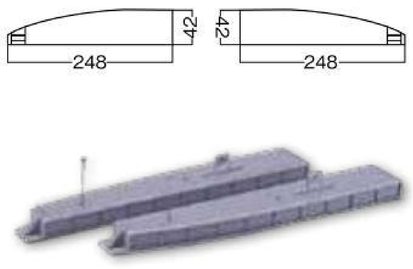
7074918 (23-102)
Island Platform End 1
straight bay platform with steps, 42 mm x 200 mm



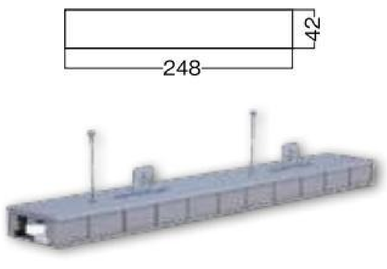
7074919 (23-103)
Island Platform End 2
curved one-sided platform, 42 mm x 200 mm



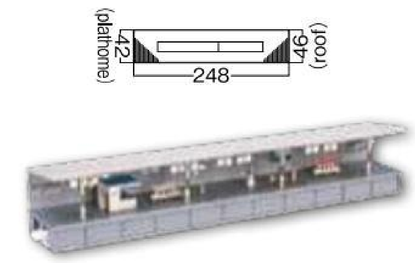
7074920 (23-104)
Island Platform End 3
curved one-sided platform, 42 mm x 200 mm



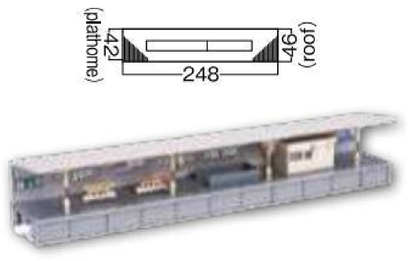
7074921 (23-105)
Island Platform End 4,
set, R481-15°, 248 mm x 42 mm



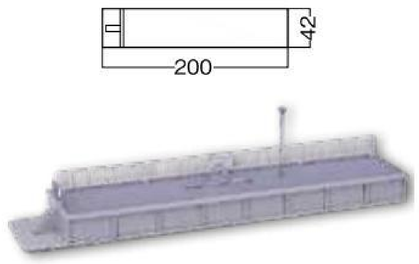
7074917 (23-106)
Island Platform D
not roofed, 42 mm x 248 mm



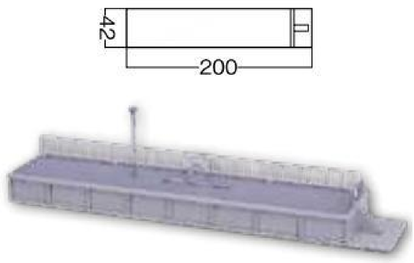
7074922 (23-110)
One-Sided Platform A
with kiosk, 248 mm



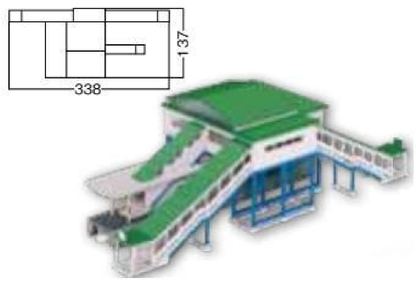
7074923 (23-111)
One-Sided Platform B
with waiting room, 248 mm



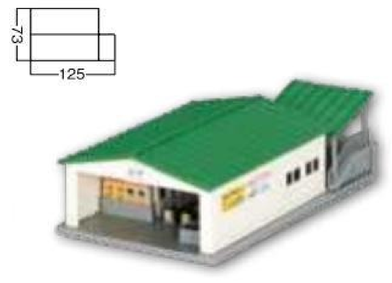
7074924 (23-112)
One-Sided Platform End 1
right bay platform, 200 mm x 42 mm



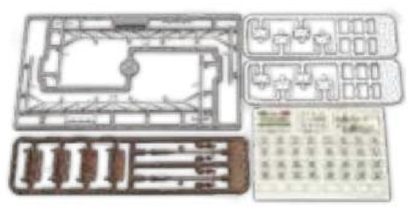
7074925 (23-113)
One-Sided Platform End 2
left bay platform, 200 mm x 42 mm



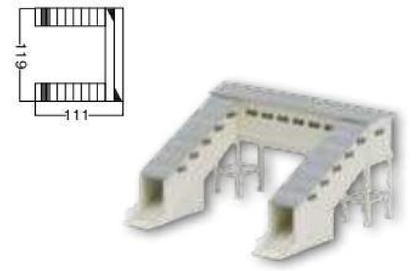
7074926 (23-200)
Overhead Station Set,
1 platform on lower level



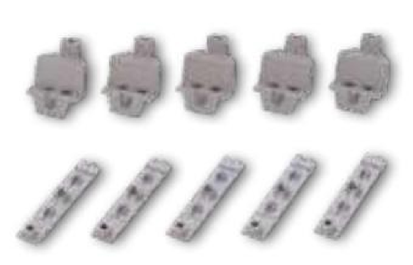
7078517 (23-210)
Suburban Station (A)



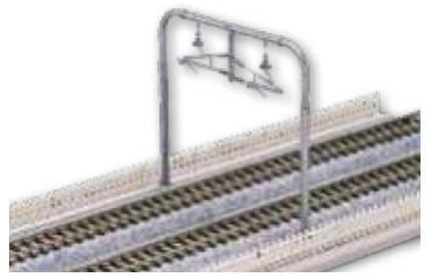
7023212 (23-212)
***Accessories for Suburban Station,** for 23-211, 23-126 & 23-127*



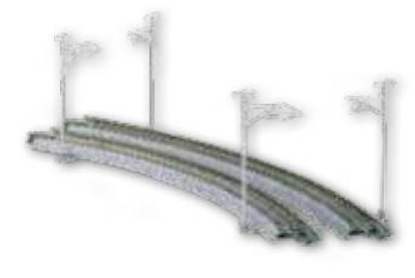
7074943 (23-234)
Suburban Overhead Stairway



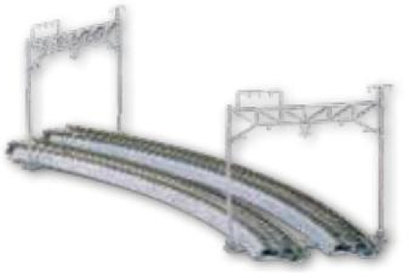
7078520 (23-056)
Catenary Pole Base Set
without poles (16 pieces)



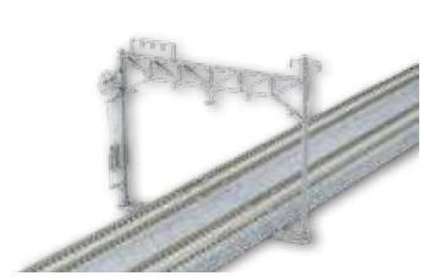
7078518 (23-057)
***Modern Double-Track Catenary Set,** with curved poles (6 pieces)*



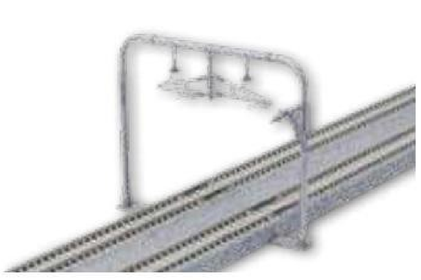
7078519 (23-059)
Single-Track Catenary Poles
without bases (16 pieces)



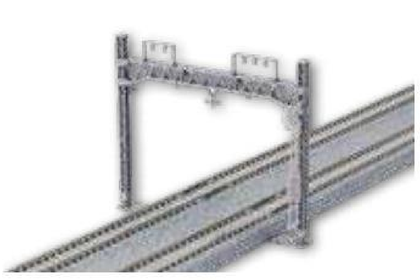
7078521 (23-060)
Double-Track Catenary Poles
without bases (8 pieces)



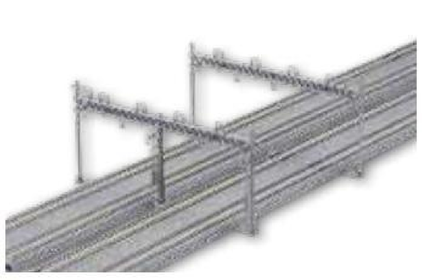
7078524 (23-061)
Extra Wide Catenary Poles
for superelevated double-track tracks (10 pieces)



7078525 (23-062)
Wide Modern Catenary Poles
double-track (10 pieces)



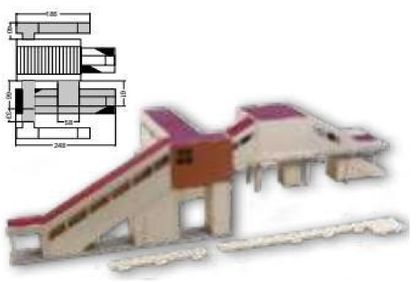
7078526 (23-063)
Truss Catenary Poles
double-track (6 pieces)



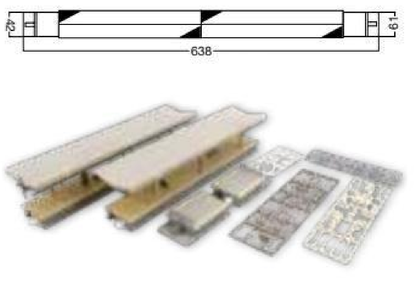
7078527 (23-064)
Four-Track Catenary Poles
(10 pieces)



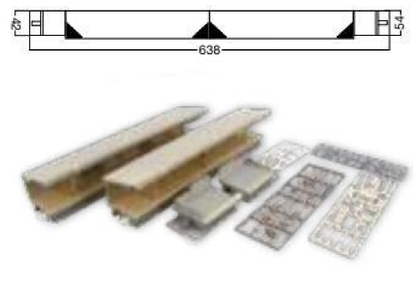
7074972 (23-122)
Modern Overhead Transit Station
284 mm x 149 mm (matching with 7074976-978 and 7023114-117)



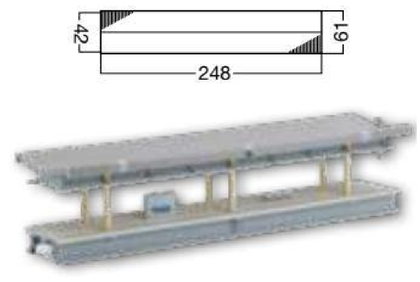
7074973 (23-123)
Modern Overhead Transit Station Expansion Set
248 mm x 149 mm



7074968 (23-120)
Island Flag Stop Platform,
roofed, 638 mm x 61 mm (8 pieces)

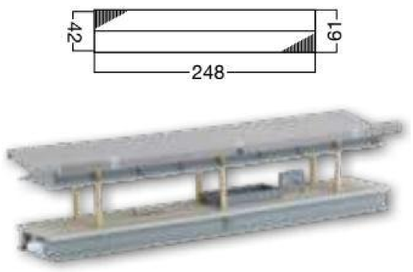


7074975 (23-121)
One-Sided Platform Set
roofed, 638 mm x 54 mm (8 pieces)

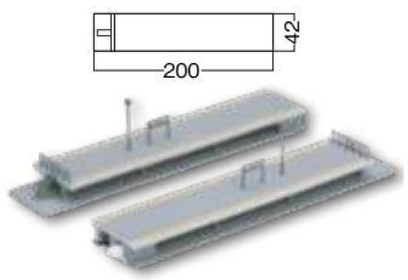


7074976 (23-107)
Modern Island Platform
roofed, 248 mm x 61 mm

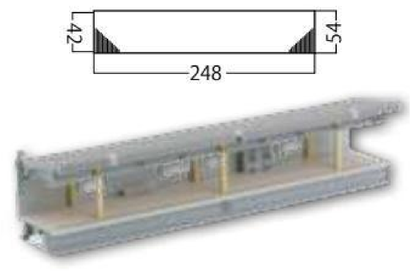
You'll bring your model railway layout to life with these simple kits and ready-made models from KATO!
Simple plug-in systems and accessories (where available) make the models easy to adjust and provide an impressive setting.



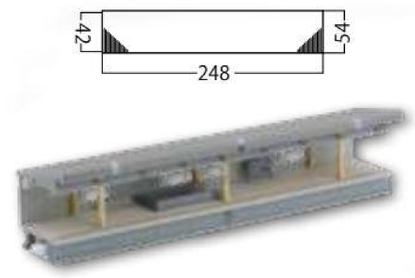
7074977 (23-108)
Modern Island Platform
roofed, with exit steps, 248 mm x 61 mm



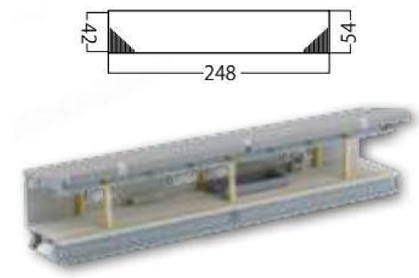
7074978 (23-109)
Modern Island Platform Ends
200 mm x 42 mm (2 pieces)



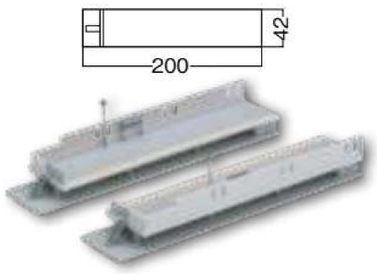
7023114 (23-114)
Modern One-Sided Platform A
suburban one-sided platform



7023115 (23-115)
Modern One-Sided Platform B, Left
suburban one-sided platform



7023116 (23-116)
Modern One-Sided Platform B, Right
suburban one-sided platform



7023117 (23-117)
Modern One-Sided Platform End B, Left + Right
suburban one-sided platform



7074974 (23-118)
Modern Platform Accessory Set
8 pcs, e.g. waiting room kiosk, lift



7023239 (23-239)
Shinkansen Platform Parts Set



7074931 (23-125)
Viaduct Station Set
1,240 mm, incl. 7074932-934 (5 pieces)



7074932 (23-230)
Viaduct Station Entrance
with exit steps, 248 mm (1 piece)



7074927 (23-231)
Viaduct Station Shops
with shopping centre underneath, 248 mm (1 piece)



7074934 (23-232)
Viaduct Platform Extension Set
248 mm (2 pieces)



7023240 (23-240)
Roundhouse
depth 200 mm, ø 496 mm front, ø 896 mm back



7074928 (23-300)
Long 2-Stall Engine House Kit
187 mm x 96 mm



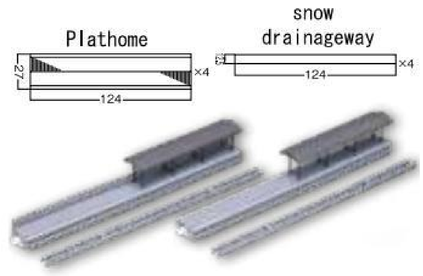
7074929 (23-310)
Industrial Building, *3-storey*
150 mm x 75 mm



7074930 (23-315)
Station & Signal Tower Kit Set
61.5 mm x 40 mm / 58 mm x 28 mm



7074935 (23-130)
Rural Station Platform Kit Set,
124 mm, multipiece set incl. shelters, etc.



7074937 (23-131)
Rural Station Platform Extension Set,
2 additional platforms



7074938 (23-132)
Rural Platform Accessory Set,
decorations, signals



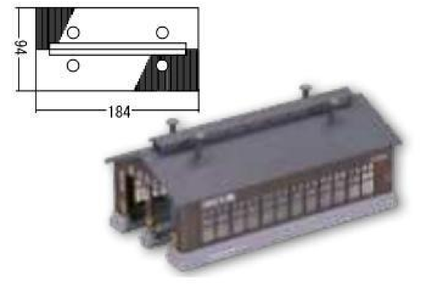
7074936 (23-220)
Rural Station, *basic set*
248 mm x 123 mm



7074939 (23-221)
Rural Freight Platform Kit Set,
278 mm x 41.5 mm and buildings



7074941 (23-224)
Rural Overhead Stairway Bridge, *covered, 98 mm x 79 mm*



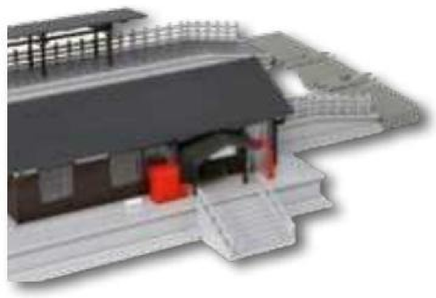
7074962 (23-225)
Wood 2-Stall Engine House Kit



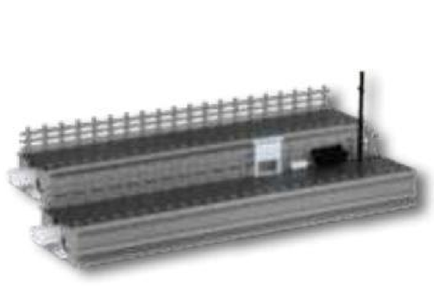
7074963 (23-226)
Yard Buildings Kit
(5 houses), 24 mm x 34 mm to 40 mm x 101 mm



7023241 (23-241)
Small Station Building



7023136 (23-136)
Station Building Accessories for Station 7023241



7023133 (23-133)
Facing Platform for Station 7023241



7023134 (23-134)
Platform with Roof for Station 7023241



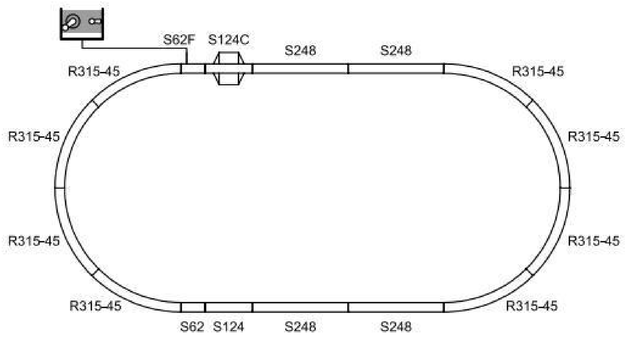
7023135 (23-135)
Platform Ramp for Station 7023241

Further information can be found at www.kato-unitrack.de

Ideal for Quick Starts and Extensions!

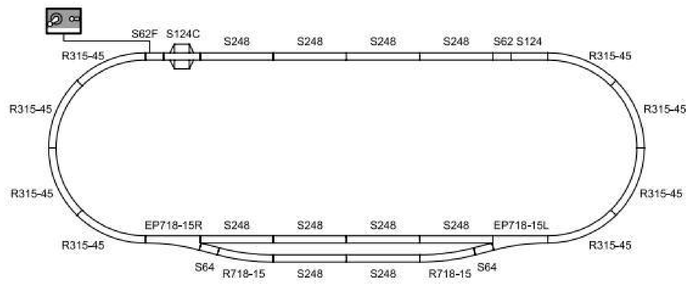
UNITRACK N-gauge Master and Variation Sets

M1 ***Ref. 7078620 M1 Basic Oval w/ Kato Power Pack / KATO 20-850***



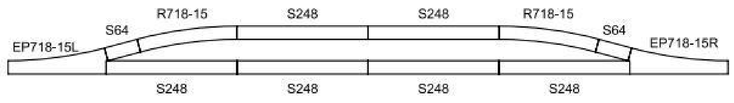
Contents: *4 x Straight Track, 248 mm · 1 x Straight Track, 124 mm 1 x Railway Crossing Without Barrier, 124 mm · 1 x Straight Track, 62 mm · 1 x Feeder Track, 62 mm · 8 x Curved Track, R315 mm 45° · 1 x Power Pack for UNITRACK with mains adapter · 1 x Rerailer/UniJoiner Remover (UniJoiner = Track Connector)*

M2 ***Ref. 7078621 M2 Basic Oval and Siding w/ Kato Power Pack /KATO 20-851***



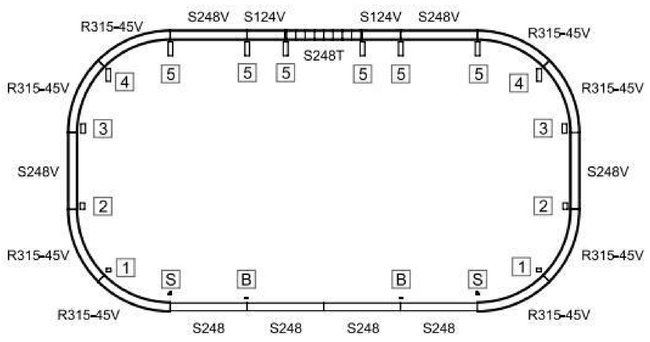
Contents: *10 x Straight Track, 248 mm · 2 x Curved Track, R718 mm 15° · 1 x Straight Track, 124 mm · 1 x Electric Left-Hand Turnout, R718 mm 15° · 1 x Railway Crossing Without Barrier, 124 mm · 1 x Electric Right-Hand Turnout, R718 mm 15° · 2 x Straight Track, 64 mm · 1 x Power Pack for UNITRACK with mains adapter · 1 x Straight Track, 62 mm · 1 x Feeder Track, 62 mm · 2 x Turnout Switch · 8 x Curved Track, R315 mm 45° · 1 x Rerailer and UniJoiner Remover (UniJoiner = Track Connector)*

V1 ***Ref. 7078631, Variation Set V1 / KATO 20-860,***
Mainline Passing Siding Set
Attach a small station and enjoy parking and overtaking trains.



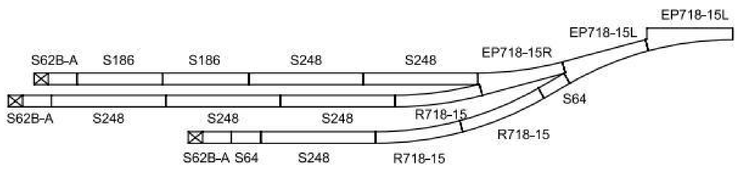
Contents: *6 x Straight Track, 248 mm · 2 x Straight Track, 64 mm · 2 x Curved Track, R718 mm 15° · 1 x Electric Left-Hand Turnout, R718 mm 15° · 1 x Electric Right-Hand Turnout, R718 mm 15° · 2 x Turnout Switch*

V2 ***Ref. 7078632, Variation Set V2 / KATO 20-861***
Single-Track Viaduct Set



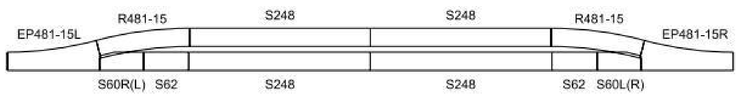
Contents: *4 x Straight Track, 248 mm · 1 x Girder Bridge, silver, with 248 mm track· 4 x Single-Track Straight Viaduct, 248 mm · 2 x Single-Track Straight Viaduct, 124 mm · 8 x Single-Track Curved Viaduct, R315 mm 45° · 1 x Pier Set (ascending and descending), 16 pieces*

V3 ***Ref. 7078633, Variation Set V3 / KATO 20-862,***
Rail Yard Switching Set
Use this Set to create a goods station with sidings and shunting tracks.



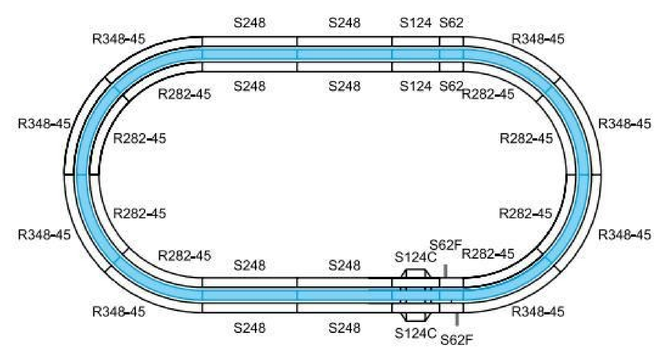
Contents: *6 x Straight Track, 248 mm · 2 x Straight Track, 186 mm · 2 x Straight Track, 64 mm · 3 x Straight Bumper Track, 62 mm · 3 x Curved Track, R718 mm 15° · 2 x Electric Left-Hand Points, R718 mm 15° 1 x Electric Right-Hand Points, R718 mm 15° · 3 x Points Switch*

V4 ***Ref. 7078634, Variation Set V4 / KATO 20-863,***
Switching Siding Set
Create a station or signal point to allow trains to overtake.



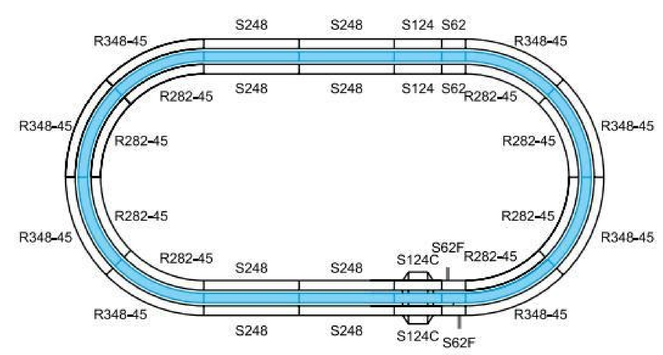
Contents: *4 x Straight Track, 248 mm · 1 x Straight Track, 62 mm · 2 x Straight Track with left cut, S60L mm · 2 x Straight Track with right cut, S60R mm · 2 x Curved Track, R481 mm 15° · 1 x Electric Left-Hand Points, R481 mm 15° · 1 x Electric Right-Hand Points, R481 mm 15° · 2 x Points Switch*

V5 ***Ref. 7078635, Variation Set V5 / KATO 20-864,***
Inside Loop Track Set, fitting to Master Set M1
For building parallel lines quickly and easily.



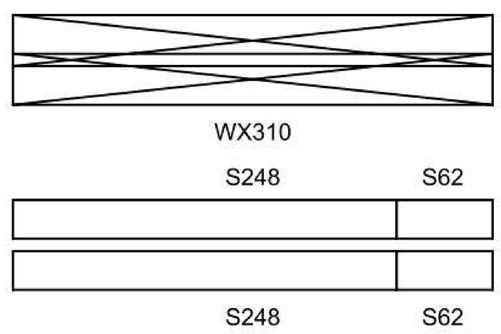
Contents: *4 x Straight Track, 248 mm · 1 x Straight Track, 124 mm · 1 x Railway Crossing Without Barrier, 124 mm · 1 x Straight Track, 62 mm · 1 x Feeder Track, 62 mm · 8 x Curved Track R282 mm 45° · 1 x Rerailer/ UniJoiner Remover (UniJoiner = Track Connector) · outer dimensions: 1,271 mm x 611 mm*

V6 ***Ref. 7078636, Variation Set V6 / KATO 20-865,***
Outside Loop Track Set, fitting to Master Set M1
For building parallel lines quickly and easily.



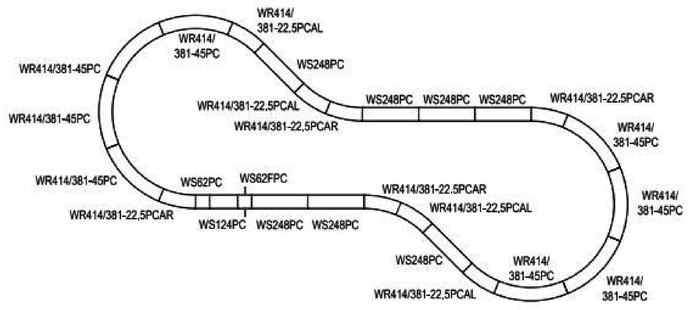
Contents: *4 x Straight Track, 248 mm · 1 x Straight Track, 124 mm 1 x Railway Crossing Without Barrier, 124 mm · 1 x Straight Track, 62 mm · 1 x Feeder Track, 62 mm · 8 x Curved Track, R348 mm 45° 1 x Rerailer/UniJoiner Remover (UniJoiner = Track Connector) · outer dimensions: 1,403 mm x 743 mm*

V7 ***Ref. 7078637, Variation Set V7 / KATO 20-866***
Double Crossover Track Set
Set the points for a change of track!



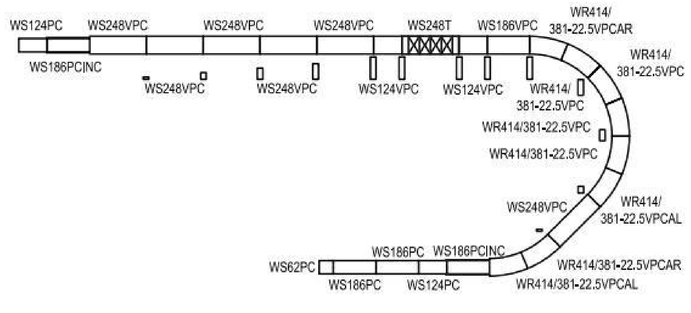
Contents: *2 x Straight Track, 248 mm · 2 x Straight Track, 62 mm 1 x Double Crossover, 310 mm · 1 x Turnout Switch*

V11 ***Ref. 7078641, Variation Set V11 / KATO 20-870,***
Double-Track Set with modern Concrete Sleepers and cambered track around the curves. Enjoy the advantage of a parallel route with two trains.



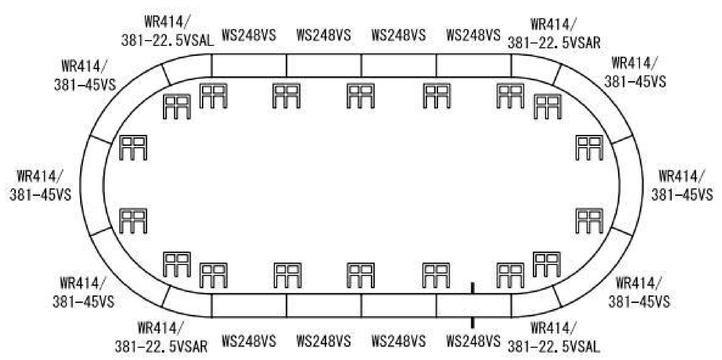
Contents: *7 x Double-Track Straight Concrete Sleeper Track, 248 mm 1 x Double-Track Straight Concrete Sleeper Track, 124 mm · 1 x Double-Track Straight Concrete Sleeper Track, 62 mm · 1 x Double-Track Straight Concrete Sleeper Feeder Track, 62 mm · 8 x Double-Track Curved Concrete Sleeper Track, R414/381 mm 45°, cambered · 4 x Double-Track Curved Concrete Sleeper Track, R414/381 mm 22.5°, cambered, left-hand · 4 x Double-Track Curved Concrete Sleeper Track, R414/381 mm 22.5°, cambered, right-hand · 1 x 78514 Rerailer/ UniJoiner Remover (UniJoiner = Track Connector) · outer dimensions: 2,335 mm x 1,261 mm*

V12 ***Ref. 7078642, Variation Set V12 / KATO 20-871,***
Double-Track Viaduct Set
With this Set, you can go up a level, across a bridge and back down.



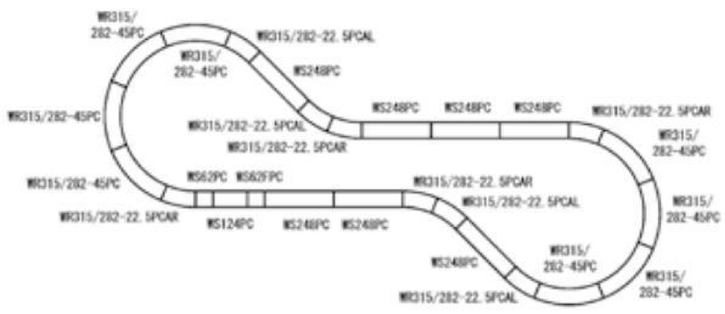
Contents: *2 x Double-Track Straight Concrete Tie Track, 186 mm · 2 x Double-Track Straight Concrete Sleeper Track, 124 mm · 1 x Double-Track Straight Concrete Sleeper Track, 62 mm · 6 x Double-Track Viaduct Straight Track, 248 mm with Concrete Sleepers · 1 x Double-Track Viaduct Straight Track, 186 mm with Concrete Sleepers 2 x Double-Track Viaduct Straight Track, 124 mm with Concrete Sleepers · 1 x Double-Track Truss Bridge, 248 mm, straight · 4 x Double-Track Viaduct Curved Track, R414/381 mm 22.5°, cambered with Concrete Sleepers · 2 x Double-Track Viaduct Curved Track, R414/381 mm 22.5°, cambered, left-hand with Concrete Sleepers · 2 x Double-Track Viaduct Curved Track, R414/381 mm 22.5°, cambered, right-hand with Concrete Sleepers · 2 x Double-Track Viaduct Straight Track, 186 mm ascending with Concrete Sleepers · 13 x Double-Track Pier · 23 x S-Joiner for Piers · 1 x Rerailer/UniJoiner Remover (UniJoiner = Track Connector)*

V13 ***Ref. 7078643, Variation Set V13 / KATO 20-872,***
Double-Track Elevated Loop Set



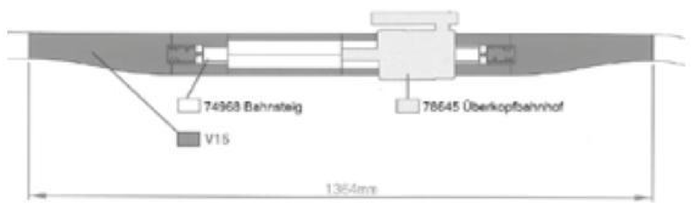
Contents: *8 x Double-Track Straight Track, 248 mm with concrete bases · 6 x Double-Track Curved Concrete Sleeper Track, R414/381 mm 45°, cambered · 2 x Double-Track Curved Concrete Sleeper Track, R414/381 mm 22.5°, cambered · 2 x Double-Track Curved Concrete Sleeper Track, R414/381 mm 22.5°, cambered, right-hand · 18 x Double Viaduct Pier · 2 x Viaduct Double-Track Feeder Cable · 1 x Rerailer/UniJoiner Remover (UniJoiner = Track Connector)*

V14 ***Ref. 7078644, Variation Set V14 / KATO 20-873,***
Double-Track Inner Loop Set
With modern Concrete Sleepers and cambered track around the curves and viaduct piers. Inner oval for V11.



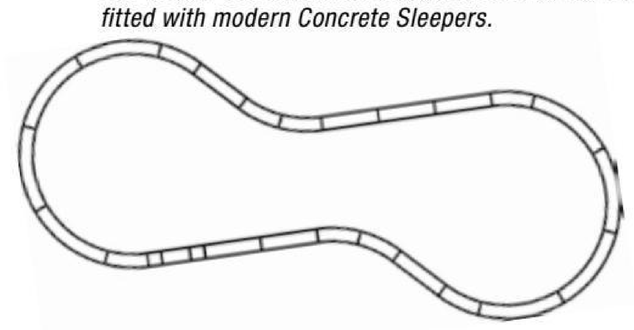
Contents: *4 x Straight Track, 248 mm · 1 x Straight Track, 124 mm 1 x Railway Crossing Without Barrier, 124 mm · 1 x Straight Track, 62 mm · 1 x Feeder Track, 62 mm · 8 x Curved Track R315 mm 45° · 1 x Power Pack for UNITRACK with mains adapter · 1 x Rerailer/UniJoiner Remover (UniJoiner = Track Connector)*

V15 ***Ref. 7078645, Variation Set V15 / KATO 20-874,***
Double-Track Set for Station Approach



Contents: *2 x Double-Track Station Approach, right + left · 4 x Single-Track Track, 124 mm · 4 x Single-Track Track, 248 mm · 2 x Catenary Pole Dummy · 2 x Platform Segment*

V16 ***Ref. 7078646, Variation Set V16 / KATO 20-876,***
Double-Track Outer Loop Set, with new double-track radius R480-45° and R447-45°
The new V16 is the outer oval for fitting to the V11. In turn, the V11 fits to the V14. Thus three ovals can be built inside each other. The V16 includes the new radii R480 and R447. The double-track rails are cambered around the curves and fitted with modern Concrete Sleepers.



Contents: *7 x Double-Track Straight Track, 248 mm · 1 x Double-Track Straight Track, 124 mm · 1 x Double-Track Straight Track, 62 mm · 1 x Double-Track Straight Feeder Track, 62 mm · 8 x Double-Track Curved Track, cambered R480 / 447 mm 45° · 4 x Double-Track Curved Track, R480 / 447 22.5° mm, left camber · 4 x Double-Track Curved Track, R480 / 447 22.5° mm, right camber · 1 x Rerailer and UniJoiner Remover*

KATO Compact Line Track Sets

Sets with small radii are very space-saving and ideal for locos and carriages with short axles (e.g. KATO RhB Series or Pocket Line). This Set additionally perfectly complements the UNITRAM System and the CV-3 fits perfectly on the Glacier on Tour Starter Set (ref. 7074033) as an outer oval.

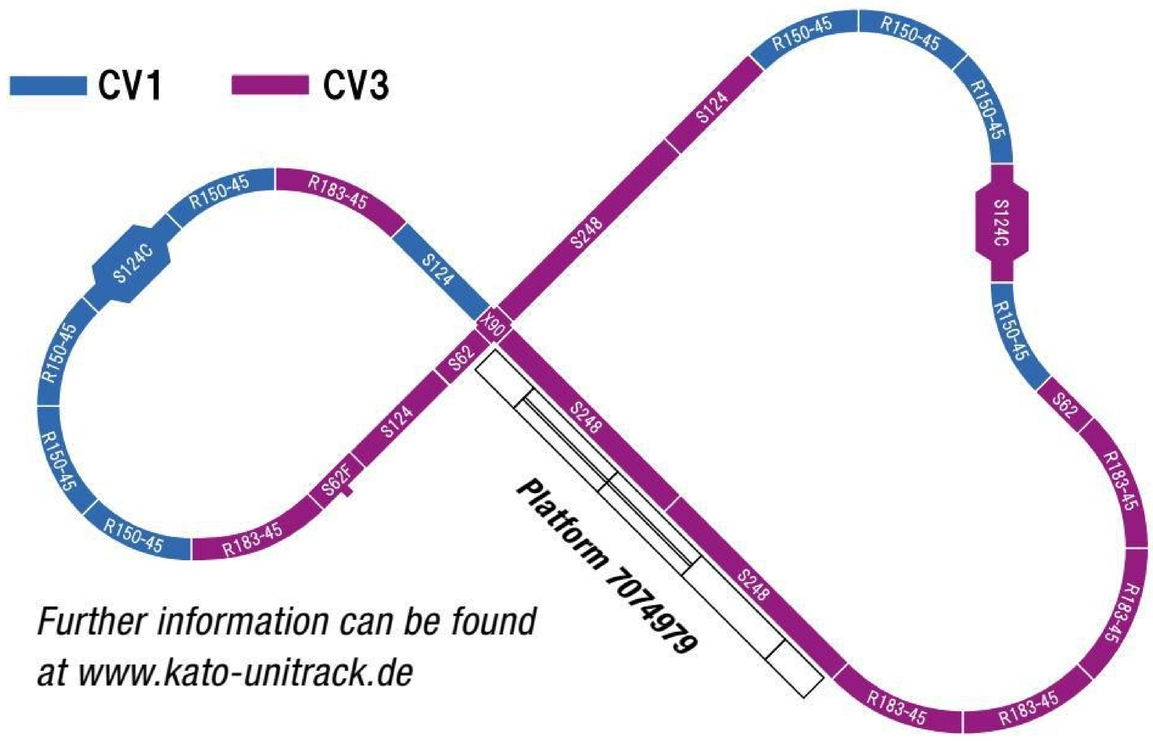


7074979 (23-129)
Glacier Express Platform Kit
with timetable Rhaetian Railway® (R)
(1 set)

7078668 (20-890)
CV1 Compact Oval Set
325 mm x 573 mm
(1 set)

7078681 (20-891)
CV2 Multi-purpose Turnout Set
2 Turnouts (one left + right hand)
2 Curved Tracks, R150-45° mm
2 Turnout Switches, 2 Cords
(1 set)

7078682 (20-892)
CV3 Compact Oval Set with Crossing
1011 mm x 413 mm
(1 Set)



Further information can be found at www.kato-unitrack.de

N-Gauge Electric Turntable

A turntable is a reminder of the good old days, when steam locomotives ruled the rails. But even today, a turntable is still the eyecatcher of every layout. With a height of just 12 mm, i.e. just 5 mm higher than a KATO N-Gauge Track, KATO has again set the standards in the model railway industry. Thus, the Turntable is not only suitable for operating on the kitchen table, but is also optimally suited to (subsequent) installation in your model railway layout all this without having to massively change the substructure. The Turntable Bridge has a length of 160 mm. With an offset of 10° each, up to a total of 36 track connections can be individually approached. Even the Basic Set contains everything needed for driving pleasure and can be customised by adding the Extension Set.



Electric Turntable			
NOCH Ref.	***KATO Ref.***	***Contents***	***Gauge***
7020283	*20-283*	*1 x Turntable with Bridge* *1 x Bridge Reinforcement* *1 x Control Box incl. AC Adapter* *1 x Ribbon Connector Cable* *1 x Bridging Cable* *4 x Straight Feeder Track* *6 x Bumper Bed* *12 x Bumper Rail* *6 x Half UniJoiner* *2 x Insulated UniJoiner* *6 x Half Insulated UniJoiner* *1 x UniJoiner Remover*	*N*
7020284	*20-284*	*Retrofitting Kit for 7020285 (for converting a track into a feeder track), 3 pieces*	*N*
7020285	*20-285*	*Extension Track Set (Straight)*	*N*
7020286	*20-286*	*Extension Track Set (Curved)*	*N*
7020287	*20-287*	*Ribbon Cable Extension, 150 cm*	*N*
7024850	*24-850*	*Power Feed Control Switch*	*N*
7024851	*24-851*	*Power Direction Control Switch*	*N*

The Tram System for N-Gauge Railway Modellers

KATO, the N-gauge specialist from Japan, introduced the UNITRAM system for the first time in 2010 and has been consistently developing it ever since. Thanks to its innovative modular system, UNITRAM can be set up quickly, easily and compactly on a table or any other solid surface. UNITRAM produces a whole inner city in N gauge for railway modellers who want to bring their city to life.
Individual road and rail modules can be combined individually. Three different connecting elements TramJoiner, PlateJoiner A and B, and UniJoiner provide the necessary support and stability. The various Expansion Sets include additional accessories, such as stops, fences, streetlamps, catenary poles and the like. Now just add a few houses and figures, and you'll have a model railway road layout that gives you lots of pleasure in no time at all!





Image shows Power Pack Generation at the end of 2018



7078659 ***UNITRAM Electric Railway Starter Set Hiroden 1000 LRV***
(40-901) ***including PowerPack SX***

7078661 ***UNITRAM V50 Tram Rails Basic Set***
(40-800) *The UNITRAM V50 contains the same number of rails as the Starter Set (7078660). Not included: Power Pack (transformer) and PORTRAM Tram.*









7078669 ***UNITRAM V51 Figure-Eight Crossing Expansion Set***
(40-801)
The set contains 21 UNITRAM elements with which you can start building customised tram themes or expand on existing sets.

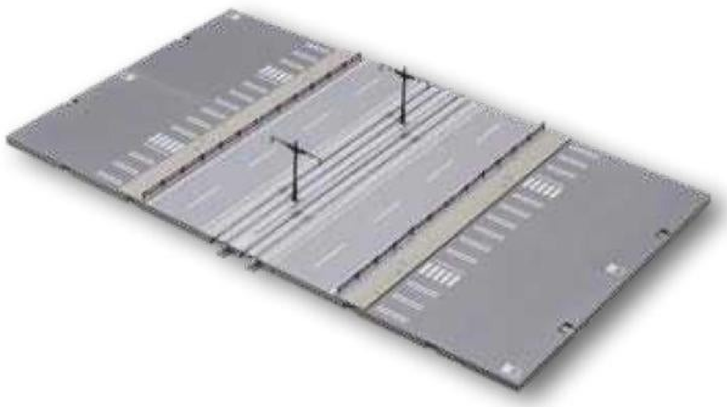
The 21-piece set contains:
- *1 x 90° Crossing*
- *2 x Curved Tram Track R180-45°*
- *4 x Straight Tram Track, 186 mm*
- *various road elements, streetlamps, traffic lights and fences*

7078670 ***UNITRAM V52 Double-Wide Straight Track Expansion Set***
(40-802)
The set contains 18 UNITRAM elements with which you can start building customised tram themes or expand on existing sets.

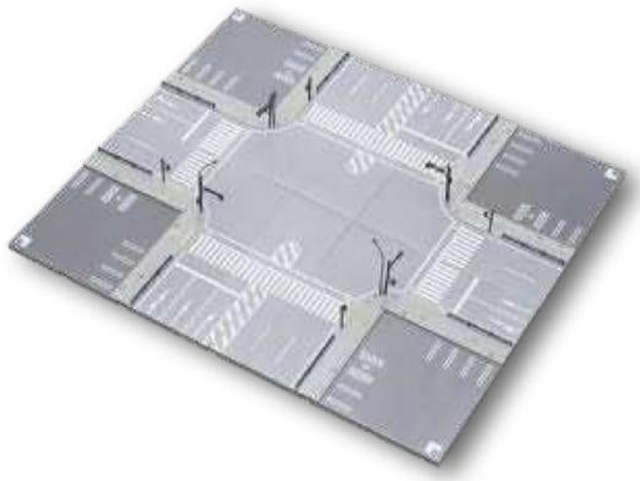
The 18-piece set contains:
- *2 x Straight Tram Track, 186 mm*
- *4 x Straight Tram Track, 124 mm*
- *various road elements, streetlamps, traffic lights and fences*

7078671 ***UNITRAM V53 Street Track to Concrete Tie Double Track Expansion Set***
(40-803)
The set contains 18 UNITRAM elements.
The Transition Tracks are the perfect basis for KATO UNITRACK connections. The track combines the tram system's 25-mm parallel track distance with the KATO UNITRACK geometry's 33-mm parallel track distance.

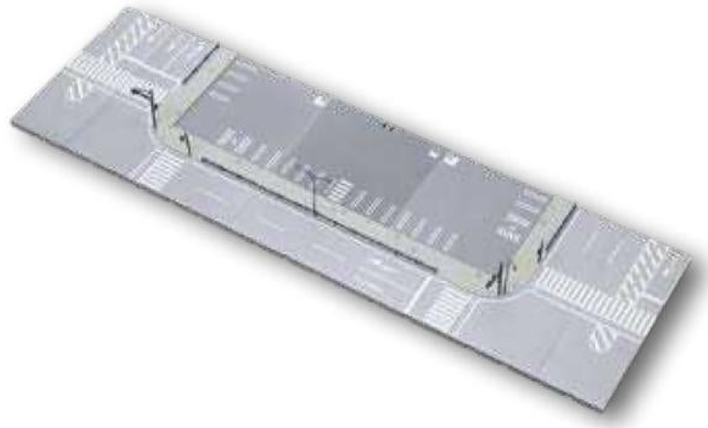
The 18-piece set contains:
- *2 x Straight Tram Track, 186 mm*
- *2 x Straight Transition Track, 124 mm*
- *2 x Straight Transition Track, 62 mm*
- *various road elements, streetlamps, traffic lights and fences*



7078662 **UNITRAM V54 Expansion Set**
(40-804) *straight tram element, incl. streetlamps, catenary poles, fences & tram elements (248 mm x 434 mm)*



7078663 **UNITRAM Street Corner Expansion Set**
(40-821) *road crossing incl. streetlamps, traffic lights & fences (372 mm x 434 mm)*



7078664 **UNITRAM Street Expansion Set**
(40-820) *road elements incl. streetlamps, traffic lights & fences (186 mm x 620 mm)*



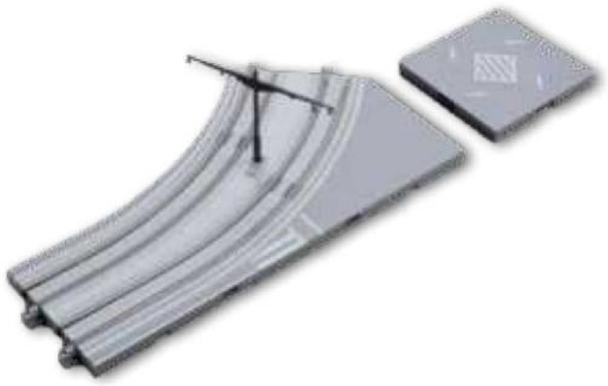
7078672 **Tram Track**
(40-031) *straight, 62 mm (2 pieces)*



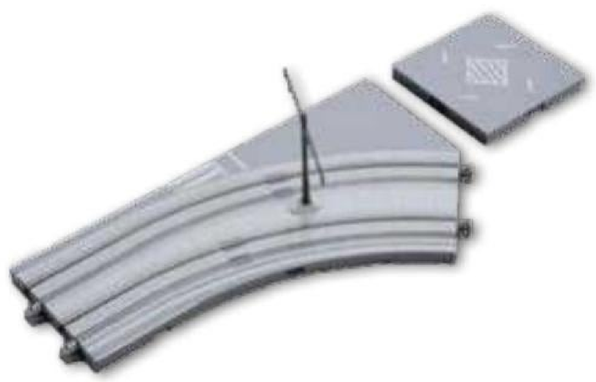
7078673 **Tram Track**
(40-020) *straight, 124 mm (2 pieces)*



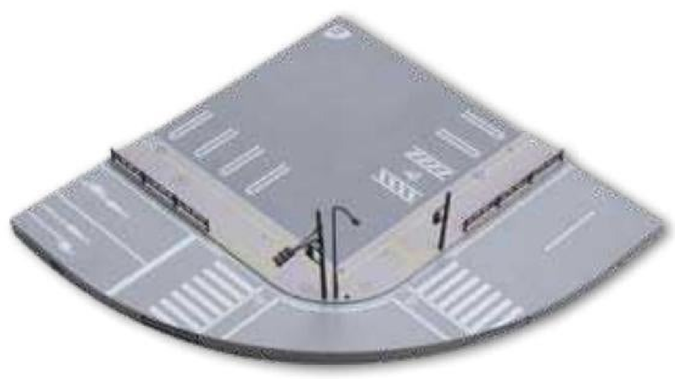
7078674 **Tram Track**
(40-010) *straight, 186 mm (2 pieces)*



7078675 **Tram Track**
(40-101) *curved, R180 mm-45°, left*



7078676 **Tram Track**
(40-102) *curved, R180 mm-45°, right*



7078680 **Road Plate**
(41-100) *quarter circle inner road plate*



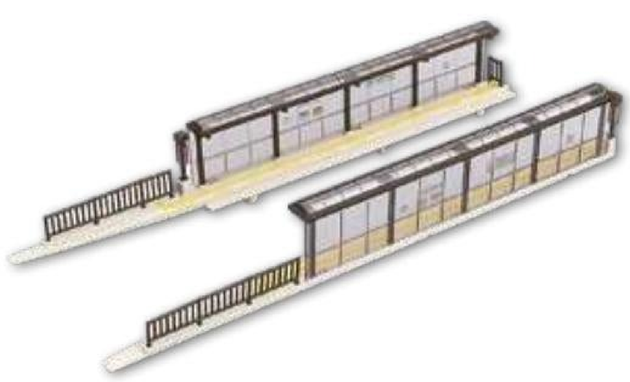
7078677 **Tram Track Electric Tournout**
(40-210) *Left Hand, R180 mm*
7078678 **Tram Track Electric Tournout**
(40-211) *Right Hand, R180 mm*



7078679 **UNITRAM Tram Platform Set**
(40-300) *90°, 62 mm*



7078684 **Tram Track Conversion to Unitram**
(40-021) **Double Track**
(2 pieces)



7078665 **UNITRAM Tram Stop Set**
(43-730) *(186 mm x 13 mm, 28 mm high)*

7078667 **Tram Track Power Feeder Cable**
(44-847) *87 cm*



7074980 **UNITRAM Tram Platform Set**
(23-140) *(229 mm x 30 mm)*

7078666 **UNITRAM Catenary Pole Set**
(43-731) *4 Poles for straight tracks (45 mm x 47 mm)*
6 Poles for curved tracks (69 mm x 47 mm)



7074981 **UNITRAM Low Platform Set**
(23-141) *(202 mm x 20 mm)*

N-Gauge
Hiroshima Railway Type 200 Hanover Tram

Type 200-238, which is part of the Hiroshima Electric Railway, was put into service in West Germany in August 1989. The tram was donated by the city of Hanover to celebrate the 5th anniversary of the town twinning between Hiroshima and Hanover. The train was operated on the Shirashima Line after being connected to the Hiroshima Electric Railway, and later on the Yokogawa Line. Since autumn 2018, the train has only been running for events, and every year in December, it is also decorated and used as a Christmas train.



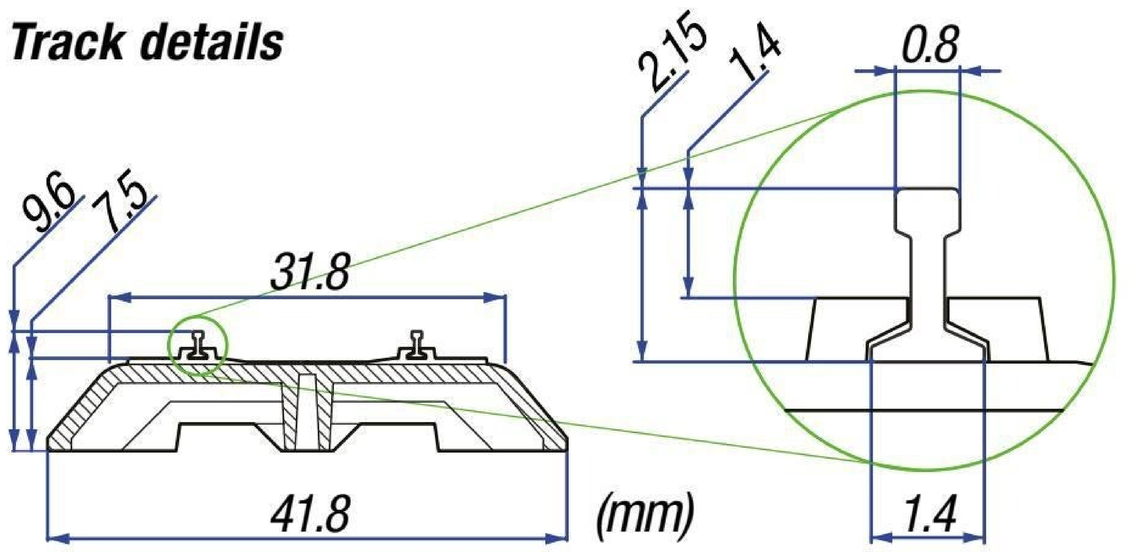
N | RhB | Rmin 150 mm | DCC friendly

Hiroshima Electric Railway Type 200 »Hannover« – Gauge N		
Ref.	**Description**	**Gauge**
70140711 (14-071-1)	Hiroshima »Hannover« Tram	N

H0-Gauge KATO Track

This track not only attracts railway modellers with large layouts, but also those who look forward to seeing their railway after work or at weekends and who are grateful for effortless assembly and disassembly. Stability as well as secure and particularly durable plug connections are as self-evident in the H0 track as in its smaller brother the N-gauge track. A special bonus is that even the necessary accessories have been taken from the N track and it is also possible to drive »double-tracked« if desired.

Track details



H0 Straight Tracks with Concrete Sleepers			
NOCH Ref.	**KATO Ref.**	**Description**	**Gauge**
7002181 (4 pcs.)	2-181	Concrete Sleeper Straight Track, 369 mm	H0
7002152 (4 pcs.)	2-152	Concrete Sleeper Straight Track, 246 mm	H0
7002153 (1 pc.)	2-153	Concrete Sleeper Feeder Track, 246 mm, straight, with cable & plug	H0
7002141 (4 pcs.)	2-141	Concrete Sleeper Straight Track, 123 mm	H0
H0 Curved Tracks with Concrete Sleepers			
7002251 (4 pcs.)	2-251	Superelevated Curve Track Concrete Sleeper, R790-22.5°	H0
7002252 (2 pcs.)	2-252	Easement Track, Curved, Concrete Sleeper, Right + Left R790-22.5°	H0
7002241 (4 pcs.)	2-241	Superelevated Curve Track Concrete Sleeper, R730-22.5°	H0
7002242 (2 pcs.)	2-242	Easement Track, Curved, Concrete Sleeper, 1 x Right + Left R730-22.5°	H0

H0 Straight Tracks			
NOCH Ref.	**KATO Ref.**	**Description**	**Gauge**
7002180 (4 pcs)	2-180	Straight Track, 369 mm	H0
7002150 (4 pcs)	2-150	Straight Track, 246 mm	H0
7002151 (1 pc.)	2-151	Straight Feeder Track, 246 mm	H0
7002160 (2 pcs)	2-160	Straight Track, 227 mm	H0
7002130 (4 pcs)	2-130	Straight Track, 174 mm	H0
7002193 (2 pcs)	2-193	Straight Track, 149 mm	H0
7002140 (4 pcs)	2-140	Straight Track, 123 mm	H0
7002120 (4 pcs)	2-120	Straight Track, 114 mm	H0
7002111 (2 pcs)	2-111	Straight Track, 94 mm	H0
7002105 (4 pcs)	2-105	Straight Track, 60 mm	H0
7002170 (2 pcs)	2-170	Straight Track with Bumper, 109 mm	H0
H0 Curved Tracks			
7002290 (2 pcs)	2-290	Curved Track, R867-10°	H0
7002250 (4 pcs)	2-250	Curved Track, R790-22.5°	H0
7002240 (4 pcs)	2-240	Curved Track, R730-22.5°	H0
7002230 (4 pcs)	2-230	Curved Track, R670-22.5°	H0
7002220 (4 pcs)	2-220	Curved Track, R610-22.5°	H0
7002210 (4 pcs)	2-210	Curved Track, R550-22.5°	H0
7002270 (4 pcs)	2-270	Curved Track, R490-22.5°	H0
7002260 (4 pcs)	2-260	Curved Track, R430-22.5°	H0
7002280 (4 pcs)	2-280	Curved Track, R370-22.5°	H0
H0 Crossing			
7002401 (1 pc.)	2-401	90° Crossing, 60 mm	H0

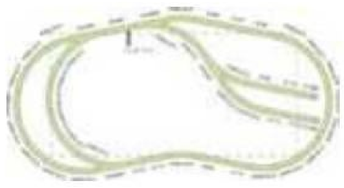
H0 Powered Turnout			
NOCH Ref.	**KATO Ref.**	**Description**	**Gauge**
7002850	2-850	Powered Left-Hand Turnout 246 mm with R550-19° curve	H0
7002851	2-851	Powered Right Turnout 246 mm with R550-19° curve	H0
7002860	2-860	Powered Left-Hand Turnout 492 mm with R867-10° curve	H0
7002861	2-861	Powered Right Turnout 492 mm with R867-10° curve	H0

H0 Manual Turnouts			
NOCH Ref.	**KATO Ref.**	**Description**	**Gauge**
7002840	2-840	Manual Left-Hand Turnout 246 mm with R490-22.5° curve	H0
7002841	2-841	Manual Right-Hand Turnout 246 mm with R490-22.5° curve	H0
7002862	2-862	Manual Left-Hand Turnout 492 mm with R867-10° curve	H0
7002863	2-863	Manual Right-Hand Turnout 492 mm with R867-10° curve	H0
Turnout Machine (Use with Manual Turnout)			
7002503 (1 pc.)	2-503	Left Hand DC Turnout Machine	H0
7002504 (1 pc.)	2-504	Right Hand DC Turnout Machine	H0

H0 and N accessories			
NOCH Ref.	**KATO Ref.**	**Description**	**Gauge**
7002502 (1 pc.)	2-502	H0 Rerailer with UniJoiner Remover	H0
7078507 (20 pcs)	24-815	UniJoiner	H0/N
7078508 (20 pcs)	24-816	Insulated UniJoiner	H0/N
7077508 (1 pc.)	24-818	Terminal UniJoiner 1 pair, 88 cm	H0/N
7077509 (1 pc.)	24-825	Extension Cable for all DC connectors, 88 cm	H0/N
7077510 (1 pc.)	24-826	Extension Cable for all AC connectors, 88 cm	H0/N
7077511 (1 pc.)	24-827	3-Way Extension Cord, with plug and cable	H0/N
7077515 (1 pc.)	24-84TC	Replacement Points Cable for 7078203-205, 7002860-61	H0/N
7078500 (1 pc.)	24-840	Turnout Switch	H0/N
7078502 (1 pc.)	24-841	Extension Cable, 90 cm points connection	H0/N
7078503 (1 pc.)	24-842	DC Converter (Used to connect turnout switches to a non-Kato Power pack via the accessory output)	H0/N
7078504 (1 pc.)	24-844	Signal Power Supply	H0/N
7078501 (1 pc.)	24-843	Adapter Cord (for conversion to KATO plugs from third-party transformers)	H0/N
7078522 (1 pc.)	24-829	Accessory Adapter (for connecting double coil magnet items, e.g. signals)	H0/N
7078530 (1 pc.)	24-848	Signal Switch	H0/N
7024039 (1 pc.)	24-039	UNITRACK Ballast (200 g): suitable for UNITRACK Track Beds	H0/N
7078535 (1 pc.)	22-018	Power Pack SX see page 321 for details	H0/N

H0 Starter and Expansion Sets





Dimensions: 2,349 mm x 1,166 mm

7003103 **Unitrack WGH Plan Set**

(3-103) *Starter Set with Oval Track, incl. Power Pack and Rerailer. All you need is a locomotive and cars and off you go!*

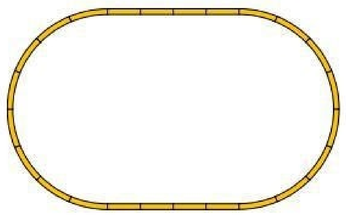


Dimensions: 2,366 mm x 1,382 mm

7003104 **HM1 R670 Basic Oval Track Set with Power Pack**

(3-104) *A set full of driving fun, with a large Oval, Passing Track, Siding and much more, for a more demanding start with KATO UNITRACK.*





Dimensions: 2,486 mm x 1,502 mm

7003111 **HV1 R730 Outer Oval Track Set**

(3-111) *Oval track suitable as outer oval for the HM1 Starter Set, incl. Feeder Cable for power supply to the track and connection to the KATO Power Pack (optional; not included in pack).*



Dimensions: 1,722 mm x 102 mm



7003112 **HV2 Passing siding track set**

(3-112) *With Manual Turnouts R867-10°. With this set, you have everything you need to install a passing track.*





Dimensions: 360 mm x 102 mm

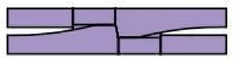


Dimensions: 360 mm x 102 mm

7003113 **HV3 Interchange Track Set**

(3-113) *With Electric Turnouts R550-19°. This track connection facilitates quick transition to a parallel track. Incl. Turnout Switch and 3-fold Distributor Panel.*



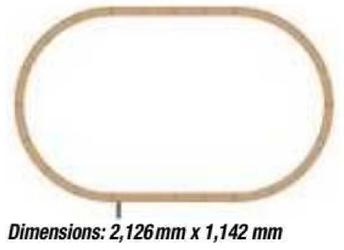


Dimensions: 149 mm + 343 mm x 102 mm

7003114 **HV4 Interchange Track Set**

(3-114) *With Electric Turnouts R867-10°. This track facilitates quick transition to a parallel track. Incl. Turnouts Switch and 3-fold Distributor Panel.*





Dimensions: 2,126 mm x 1,142 mm

7003115 **HV5 R550 Basic Oval Track Set**

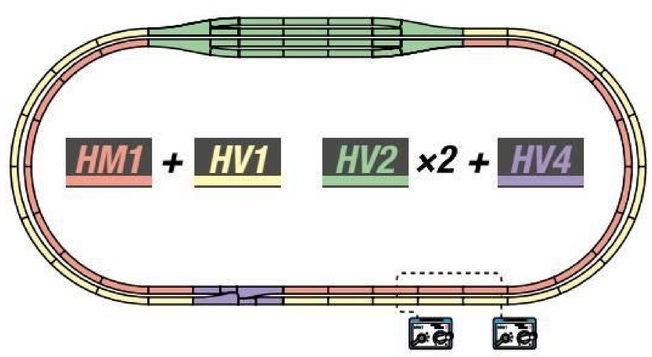
(3-115) *With the HV5 Set, you can create an oval track on an area of approx. 100 cm x 200 cm a good basis for driving pleasure or for further expansion. The Set includes a Rerailer, a Feeder Track for the power supply and a Feeder Cable for connecting to third-party transformers.*





7003131 **HV21 Automatic 3-Colour Signal Set**

(3-131) *2 x Automatic Signal Straight Track, 123 mm*
3-Colour Signal
2 x Straight Track, 123 mm
1 x Signal Switch (7078530)
1 x Power Supply for 3 signals (7078504)
1 x Accessory Adapter (7078522)
2 x Extension Cable



Example of options for combinations

This combination of the Starter and Expansion Sets creates a complex track layout with two speed controllers and gives you a lot of driving pleasure.

Parts list:

1 x 7003104 HM1
1 x 7003111 HV1
2 x 7003112 HV2
1 x 7003114 HV4
1 x KATO Power Pack

Quality and Precision in Track Construction.

ROKUHAN have managed to make a name for themselves amongst fans of Z gauge in a very short space of time. And not by chance the quality and precision of their products have convinced railway modellers of this. ROKUHAN are incredibly happy about this level of enthusiasm and have thanked their followers with an even wider range and many new products. Your dealer will be pleased to advise you.

Info Tip:
ROKUHAN Z-Gauge Track System

Further information can be found online at www.rokuhan.de. Request two of the revolutionary Z-gauge tracks directly from us! Simply send an e-mail to info@noch.de with the keywords »ROKUHAN Z-gauge sample track« and we'll send you two free sample tracks for a flat rate of 8.00 for postage.
Let yourself be convinced that this is the Z track of the future.

G | 1 | 0 | HO | TT | N | **Z**

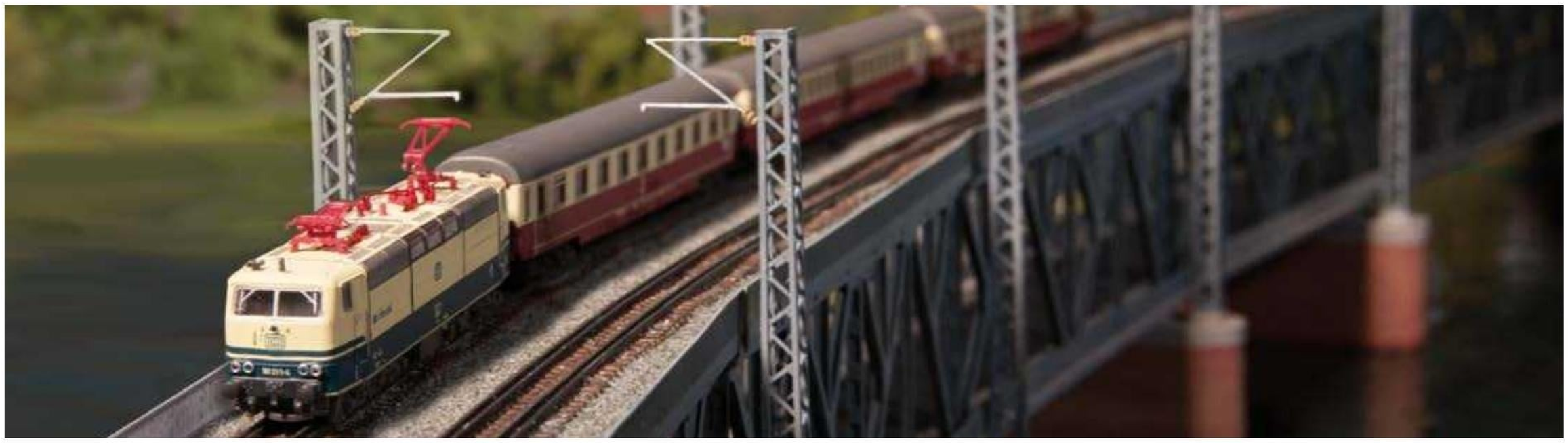
ROKUHAN

181.2 Serie – page 400
- *The true European loco*

Track System with Its Own Track Bed – from page 402
- *Elegant, robust, extremely stable and easy to lay*

Turntable and Roundhouse – page 406
- *Technically sophisticated, in the appropriate style and impressively designed*

Bridges, Bridge Piers and Viaducts – page 407
- *Easy to mount and finely painted*



181.2 Series – The True European Loco

In 1960, DB had already begun testing multi-frequency locomotives, with which they wanted to save the time-consuming changeover of locomotives at the borders with France and with Belgium. But they only achieved success with the E 310, built in 1966/67 (from 1968, BR 181.0 and 181.1) for the German and French electricity grid, showing the way to the 25 BR 181.2 series locomotives delivered from 1974 onwards. Reason for not producing even more was the high effort, which was also reflected in the price.

Model Features:

- *Minimum radius: R145 (long coupling), R195 (short coupling)*
- *Max. incline 4%*
- *Outer dimensions: 81 x 14.2 x 17 mm (height incl. pantograph 21.5 mm)*
- *Weight: 30 g*
- *Drive: 0~9 V operating voltage (DC)*
- *Maintenance-free, iron-free engine*
- *Couplings: without, for better optics (accessories: Märklin®, as well as knuckle coupler)*
- *Lighting: warm white LED directional headlights (constant lighting in combination with ROKUHAN train controller)*
- *Pantographs: movable, non-functional*



181 211-4 LORRAINE



181 219-7



181 208-0



181 206-4



181 214-8 Mosel



181 217-1

Class 181.2		
NOCH Ref.	***ROKUHAN Ref.***	***Description***
7297101	*T950-1**	*181 211-4 LORRAINE, German Federal Railway Epoch IV ocean blue & beige*
7297102	*T950-2*	*181 219-7, Deutsche Bahn AG Epoch V traffic red*
7297103	*T950-3**	*181 208-0, German Federal Railway Epoch V orient red*
7297104	*T950-4**	*181 206-4, German Federal Railway Epoch IV steel blue*
7297105	*T950-5*	*181 214-8 MOSEL, Deutsche Bahn AG Epoch VI traffic red*
7297106	*T950-6*	*181 217-1, Deutsche Bahn AG Epoch V ozean blue & beige*
Replacement parts		
NOCH Ref.	***ROKUHAN Ref.***	***Description***
7297448	*A048*	*Pantograph German version of BR 181.2 in grey (2 pcs)*

***sold out at factory**

Looking for a Connection?

ROKUHAN have taken care of this by offering compatible exchange coupler for their carriages and locomotives. This is how ROKUHAN's locomotives and carriages always find the right connection.
Tips on how to use these can be found on the YouTube channel »ROKUHAN65« with »ROKUHAN coupler sets«

Coupler		
NOCH Ref.	***ROKUHAN Ref.***	***Description***
7297419 (6 pcs)	*A019*	*Knuckle Coupler (short), 7 mm*
7297420 (6 pcs)	*A020*	*Knuckle Coupler (long), 11 mm*
7297421 (6 pcs)	*A021*	*Märklin® Coupler (short), 11 mm*
7297422 (6 pcs)	*A022*	*Märklin® Coupler (long), 13 mm*
7297424 (6 pcs)	*A024*	*Arnold Coupler (short), 7 mm*
7297425 (6 pcs)	*A025*	*Arnold Coupler (long), 9 mm*

7297409 (A009) ***Interior Lighting Type A***
for passenger cars and motor train sets up to T006-4 (1 piece)

7297415 (A015) ***Interior Lighting Type B***
for motor train sets from T009-1 upwards (1 piece)

Train Controller and Electricity Supplier

You'll have everything under control with the stylish »RC03« Train Controller or the »RC02« Compact Controller. You'll have the »RC03« connected to the feeder track and wired in the turnouts in no time. Thanks to an additional battery compartment (8 x AA batteries) on the underside of the controller, the transformer can even be operated without having to be plugged in, so you can use it while on the go.

The »RC02« is the right choice (8 x AAA batteries) for the thrifty person. Optional AC Adapter for both Controller ref. 7297411 (see page 403)

7297304 ***Compact Controller (RC02)***
Output: 10 V, 800 mA (900 mA from 2017 production)

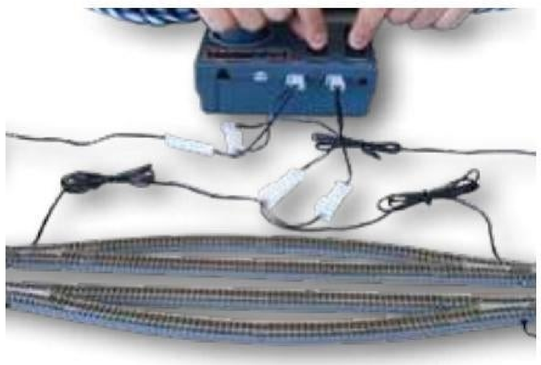
7297305 ***Train Controller with Constant Lighting (RC03)***



RC03 Train Controller with Constant Lighting



»RC03« battery compartment



Connecting 4 points onto the »RC03« with the help of the Y Cable (ref. 7297405)



Control Switches on »RC03«

»RC03« technical information and features:

- *Input: AC 100-240 V*
  Output: 10 V, 900 mA
- *Sensitive potentiometer*
- *Short-circuit proof*
- *Directional switch (forwards, backwards, zero setting)*
- *Plug-in connections on the side for additional control switches*
- *Dimensions of the RC03 Controller: 153 x 96 x 49 mm*
- *Constant lighting (driving lights, interior lighting)*
- *Two integrated turnout switches, i.e. two or four turnouts can be connected up to the controller (via the Y Cable) and switched directly via an additional AC Adapter (ref. 7297411; see page 403) a connection socket is available at the switch.*

If you're using a Märklin® or other Z-gauge transformer, you'll need the AC Cable (ref. 7297410; see page 403).

Turnout Switches

The turnout switches from ROKUHAN are true all-rounders with their many connection possibilities. Thanks to the plug-in connectors, the turnouts can be easily and quickly »wired into« the turnout switches. Fiddly soldering or the use of strip connectors is a thing of the past. The switches are simply connected to the sides of the ROKUHAN »RC03« Train Controller or »RC02« Compact Controller with plug-in connectors. Simply attach it on and you're done! The switches can also be operated



Turnout Switch with »RC03« Train Controller



Turnout Switch to transformer from another manufacturer (here: Märklin®)



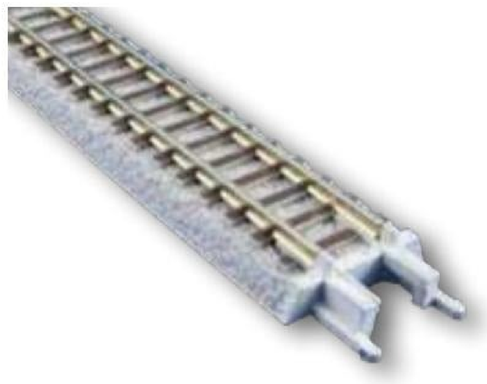
Turnout Switch with direct power supply via an additional AC Adapter (ref. 7297411)

Reverse Loop Switch and Insulated Rail Joiner

Electrically separate tracks can be easily and safely installed with the Insulated Rail Joiner. To do so, the regular rail joiners are removed and replaced with the Insulated Rail Joiners.
It's very easy to reverse the polarity of the positive and negative pole with the plug-in Reverse Loop Switch: simply stop the train before the second insulation point, turn the Reverse Loop Switch and turnout and then your train can continue on its journey. Very easy!



7297303 ***Reverse Loop Switch***



7297413 ***Insulated Rail Joiner***
2 pieces

Feeder Track

ROKUHAN has come up with a unique and clever solution to the problem of how to ensure a power connection. The bed under the straight tracks has a piece integrated into its body that can be removed to expose the rail for connecting it to a power supply (see Fig. 1).
The Feeder Cable's (ref. 7297408) plug is designed so that it can be inserted directly into this position (see Fig. 2.). And voilà the connection is done!

This method can be carried out without much effort and soldering work, and electricity can be fed through to places later, as desired.

You'll find a vast number of helpful videos on the subject of ROKUHAN (including instructions for assembling, installing and renovating) on the YouTube channel www.youtube.com/user/Rokuhan65.

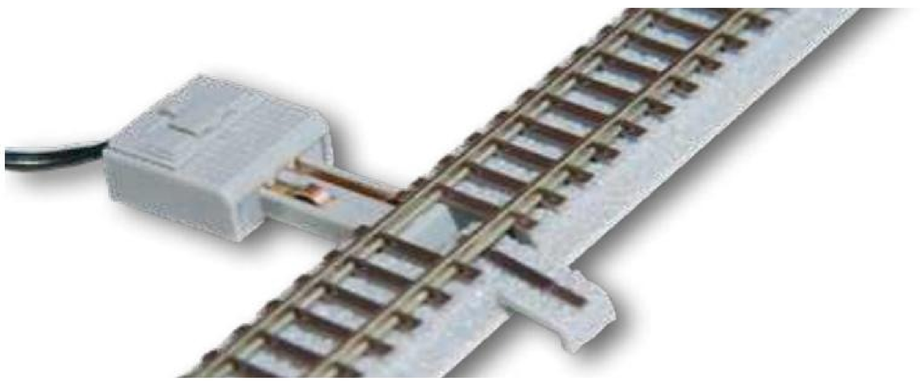


Fig. 1

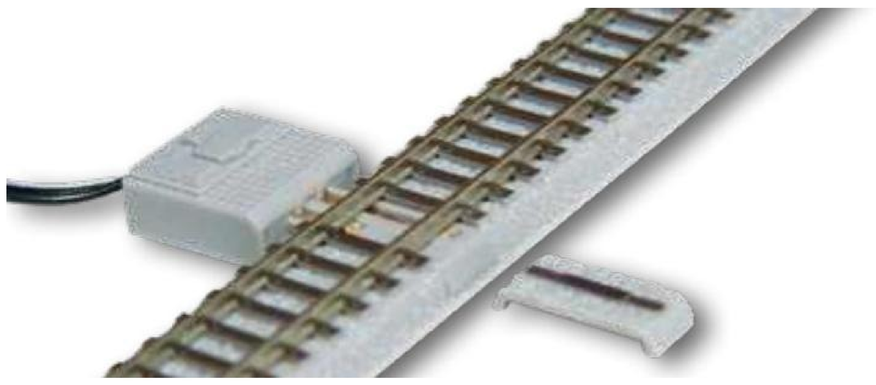


Fig. 2

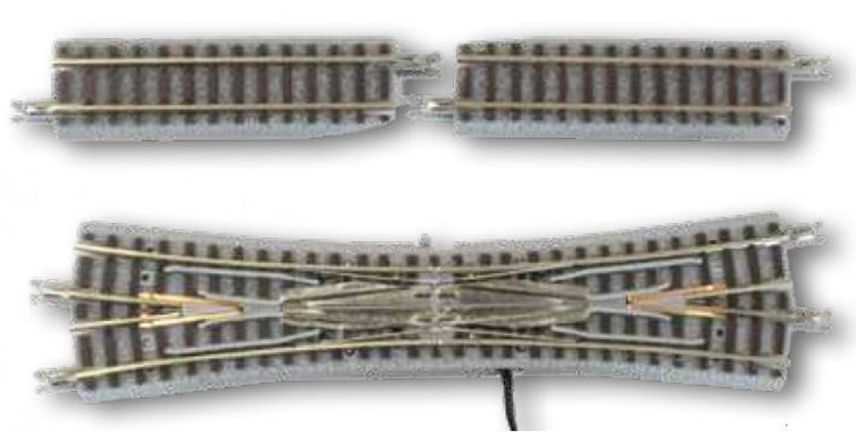
Turnouts– Clever Technology and Handling

In ROKUHAN's track geometry, there are three turnout sizes: R490-13° with a length of 110 mm, R127-26° with a length of 55 mm and a curved point R195/220-30° with a length of 112.8 mm. The turnout can be operated manually or electrically. The drives are housed directly in the track bed.
The core pieces are live and made of metal. The intelligent stop points of the power routing system work against the collision of the trains (the stop points function can be deactivated very easily by inserting two little screws at the bottom). The strongest available neodymium magnets provide pulling power and long-term reliability. The parallel track distance after installing the opposite curve is 25 mm.

More information at www.rokuhan.de



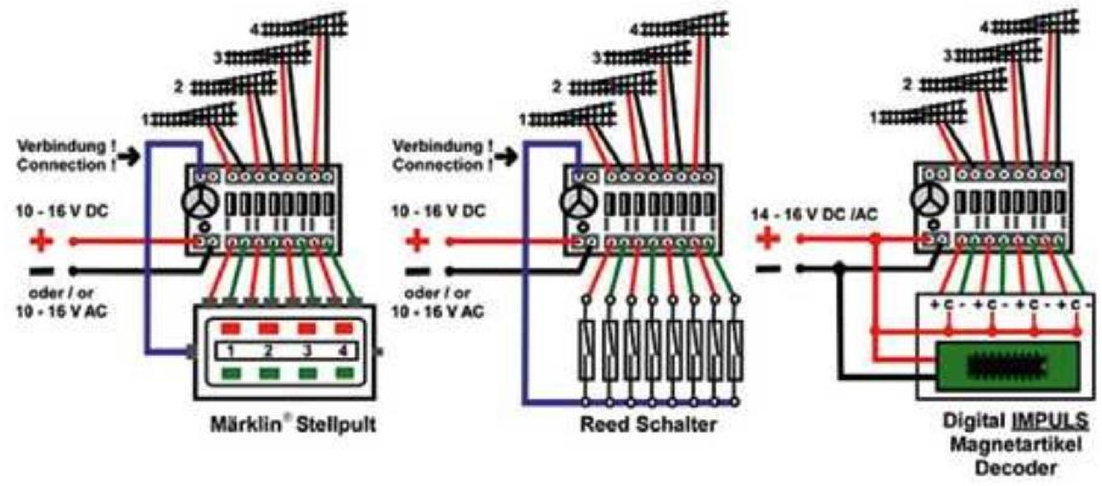
Turnout drives integrated in the bed with the strongest neodymium magnets currently available guarantee pulling power.



Because it often gets narrow in the transition area around the opposite curve, ROKUHAN provides an appropriately cut track, so that the turnouts can be laid easily and quickly. The picture on the left side shows double slip turnouts with feeder track on the left.

Turnout Module

Switching ROKUHAN and KATO turnouts is now even easier – digital as well as analogue!



Whether you are just getting started or want to use your existing system, the Turnout Module can be used with 2 x 4-button control panels, e.g. from Märklin® and other control panels with button functions for controlling KATO and ROKUHAN turnouts. A total of 4 turnouts can be switched with each Turnout Module. The turnouts, the control panel and the power supply are connected via screw terminals. Furthermore, switching digitally and with reed contacts is possible with an added solenoid accessory decoder. Soldering is not necessary.
The connection is made via AC or DC with 10 to 16 V.

*The NOCH Turnout Module can also be connected to a solenoid accessory decoder. On the output side, some decoders on the common terminal have negative potential and others positive potential. The NOCH Turnout Module requires positive potential at the common terminal (often called **»terminal C«**), at the decoder's respective switching output. Such decoders are, for example: LENZ LS100 (ref. 1110) and ESU Switch Pilot V 2.0 4 x Solenoid Accessory Decoder (ref. 51820).*
Pay particular attention to the manufacturer's information on the decoder.

Points Module	
NOCH Ref.	***Description***
60264	*Turnout Module for KATO H0- and N-gauge as well as ROKUHAN Z-gauge turnouts*

Controllers, Switches, Cables, Track Accessories, LED Lighting (Houses)

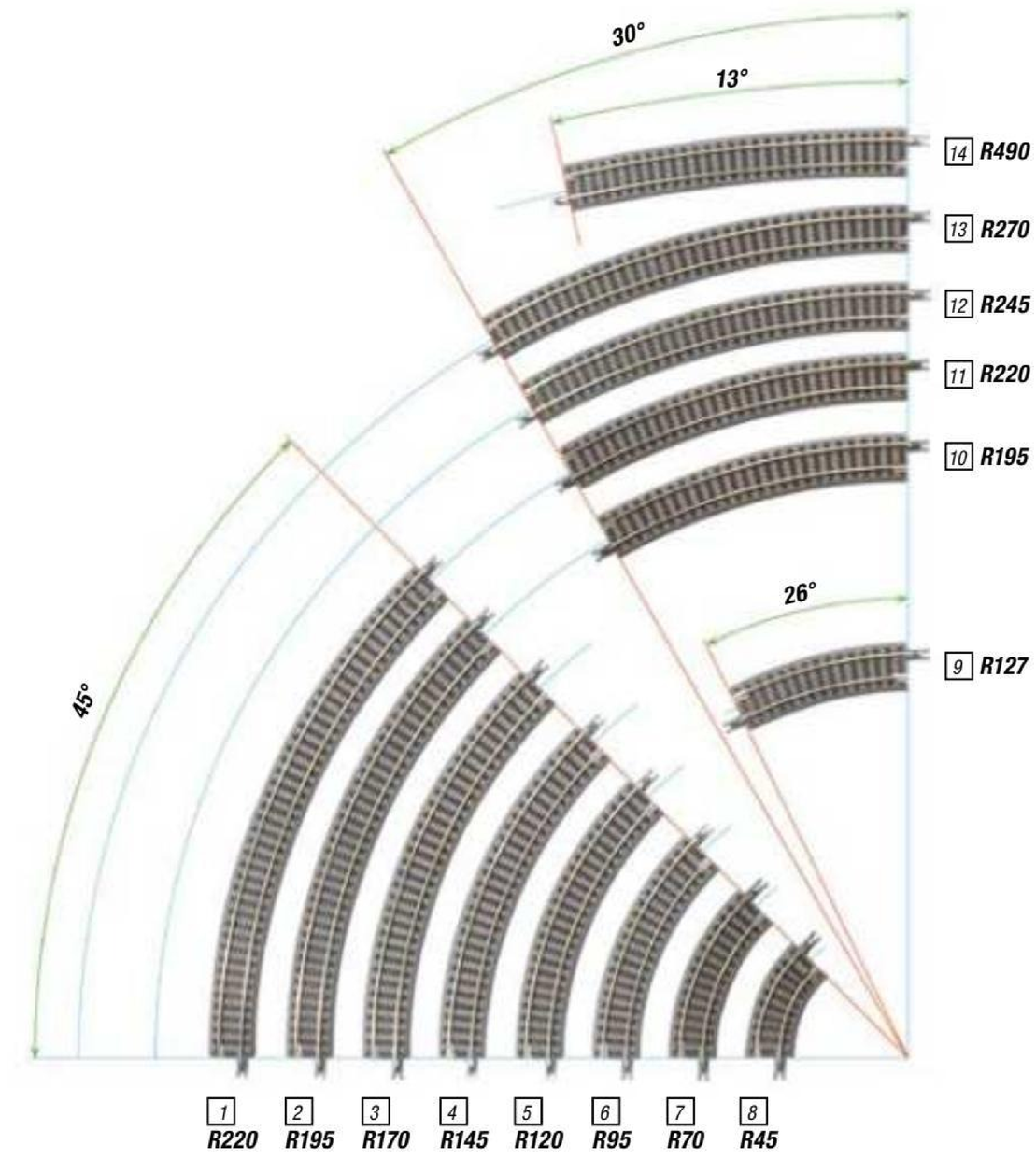
Controllers, switches, cables, track accessories, LED lighting (houses)		
NOCH Ref.	**ROKUHAN Ref.**	**Description**
7297304 (1 pc)	RC02	RC02 Compact Controller, 94 x 71 x 37 mm, without AC Adapter, can also be operated with 8 AAA batteries (input AC 100 240 V; output max. 12 V, 800 mA)
7297305 (1 pc)	RC03	RC03 Train Controller with Constant Lighting, 153 x 96 x 49 mm, without AC Adapter, can also be operated with 8 AA batteries (input AC 100 240 V; output max. 10 V, 900 mA)
7297302 (1 pc)	C002	Turnout Switch, 95 x 65 x 30 mm (compatible with RC02 and RC03)
7297303 (1 pc)	C003	Reverse Loop Switch (compatible with RC02 and RC03)
7297306 (1 pc)	C004	Switch for Accessories
7297413 (2 pcs)	A013	Insulated Rail Joiner
7297414 (2 pcs)	A014	Conversion Joiner, for third-party track systems
7297402 (1 pc)	A002	Rerailer, 145 x 25 x 15 mm (not pictured)
7297403 (1 pc)	A003	Extension Feeder, Cable, 150 cm (not pictured)
7297404 (1 pc)	A004	Extension Cable for Points Connection, 150 cm (not pictured)
7297405 (10 pcs)	A005	Y Cable, for connecting two parallel points (not pictured)
7297429 (1 pc)	A029	Y Power Feeder Cable, for connecting two parallel tracks

Controllers, switches, cables, track accessories, LED lighting (houses)		
NOCH Ref.	**ROKUHAN Ref.**	**Description**
7297408 (1 pc)	A008	T Feeder Cable, 70 cm (not pictured)
7297412 (10 pcs)	A012	Rail Joiners (not pictured)
7297410 (1 pc)	A010	AC Cable for Turnout Switches, for third-party transformers (not pictured)
7297411 (1 pc)	A011D	AC Adapter, compatible with ref. 7297302, 7297304 and 7297305
7297306 (1 pc)	C004	Switch for Accessories e.g. home lighting (not pictured)
7297416 (1 pc)	A016	Accessory Power Terminal (not pictured)
7297417 (1 pc)	A017-1	LED Light, white (not pictured)
7297401 (1 pc)	A017-2	LED Light, orange (not pictured)



© Karl Sinn

ROKUHAN Z-Gauge Track Assortment



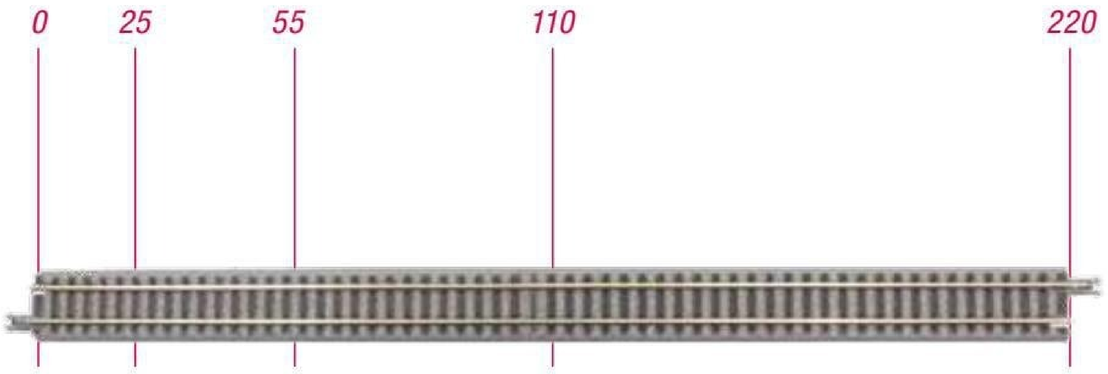
Note:
ROKUHAN curved tracks

Radius smaller than R170 are only suitable for short, double-axle vehicles.

Curved tracks			
	NOCH Ref.	**ROKUHAN Ref.**	**Description**
1	7297004 (4 pcs)	R004	Curved Track R220-45°
2	7297002 (4 pcs)	R002	Curved Track R195-45°
3	7297003 (4 pcs)	R003	Curved Track R170-45°
4	7297005 (4 pcs)	R005	Curved Track R145-45°
5	7297011 (4 pcs)	R011	Curved Track R120-45°
6	7297010 (4 pcs)	R010	Curved Track R95-45°
7	7297018 (4 pcs)	R018	Curved Track R70-45°
8	7297046 (4 pcs)	R046	Curved Track R45-45°
9	7297019 (2 pcs)	R019	Curved Track R127-26° (opposite curve)
10	7297032 (6 pcs)	R032	Curved Track R195-30°
	7297051 (6 pcs)	R051	As 7297032, but with concrete sleepers
11	7297033 (6 pcs)	R033	Curved Track R220-30°
	7297052 (6 pcs)	R052	As 7297033, but with concrete sleepers
12	7297014 (6 pcs)	R014	Curved Track R245-30°
	7297053 (6 pcs)	R053	As 7297014, but with concrete sleepers
13	7297015 (6 pcs)	R015	Curved Track R270-30°
	7297054 (6 pcs)	R054	As 7297015, but with concrete sleepers
14	7297012 (2 pcs)	R012	Curved Track R490-13° (opposite curve)
	7297059 (2 pcs)	R059	As 7297012, but with concrete sleepers

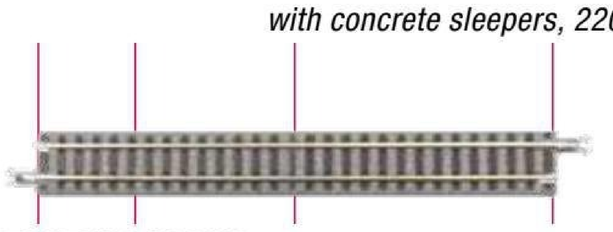
Arrangement, colour and shape variations subject to change.

ROKUHAN Z-Gauge Track Assortment



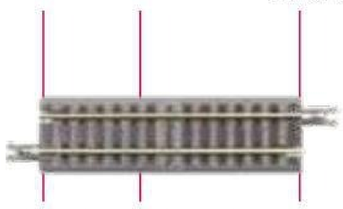
7297009 (R009) **Straight Track,** *with slot for cable, 220 mm (4 pieces)*

7297050 (R050) **Straight Track,** *with slot for cable and with concrete sleepers, 220 mm (4 pieces)*



7297001 (R001) **Straight Track,** *with slot for cable, 110 mm (4 pieces)*

7297049 (R049) **Straight Track,** *with slot for cable and with concrete sleepers, 110 mm (4 pieces)*

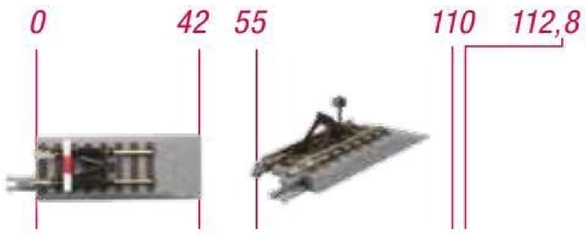


7297024 (R024) **Straight Track,** *with slot for cable, 55 mm (2 pieces)*

7297048 (R048) **Straight Track,** *with slot for cable and with concrete sleepers, 55 mm (2 pieces)*

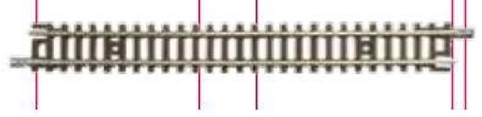


7297030 (R030) **Straight Track,** *25 mm (4 pieces)*

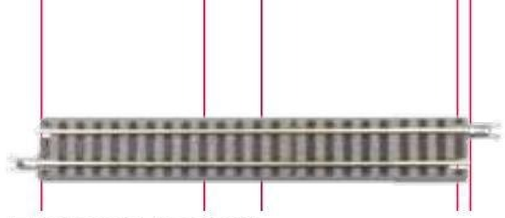


7297013 (R013) **Japanese Buffer,** *42 mm (2 pieces)*

7297029 (R029) **European Buffer,** *42 mm (2 pieces)*

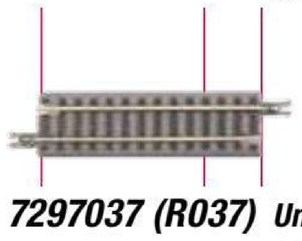


7297045 (R045) **Straight Track,** *without track bed, 110 mm (2 pieces)*

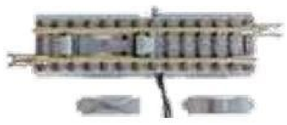


7297036 (R036) **Straight Track,** *with slot for cable, 112.8 mm (2 pieces)*

7297038 (R038) **Straight Track,** *with slot for cable and with concrete sleepers, 112.8 mm (2 pieces)*



7297037 (R037) **Uncoupler Track,** *for Micro Train®, 55 mm, (1 piece)*



7297077 (R077) **Uncoupler Track Set** *Märklin® & Arnold, 55 mm (1 piece)*



7297083 (R083) **Straight Track,** *with slot for cable, 440 mm (2 pieces)*

7297084 (R084) **Straight Track,** *with slot for cable and with concrete sleepers, 440 mm (2 pieces)*



7297016 (R016) **Flexible Track,** *330 mm (1 piece)*

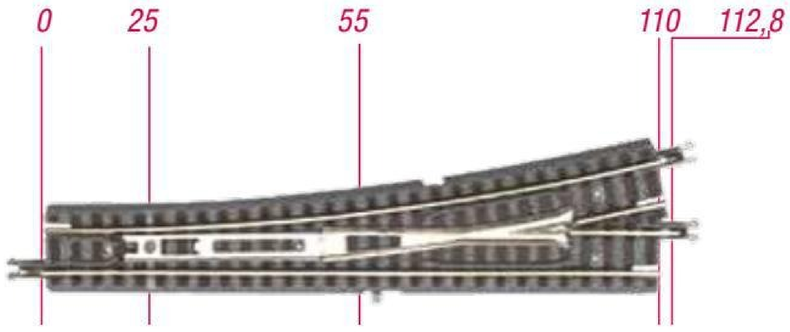


7297031 (R031) **Adjustable Track,** *100-120 mm (1 piece)*

Straight tracks, special tracks, track sets		
NOCH Ref.	**ROKUHAN Ref.**	**Description**
7297064 (6 pcs)	R064	Super-Elevated Track, R195-30° (not pictured)
7297065 (6 pcs)	R065	Super-Elevated Track, R220-30° (not pictured)
7297066 (6 pcs)	R066	As 7297064, but with concrete sleepers (not pictured)
7297067 (6 pcs)	R067	As 7297065, but with concrete sleepers (not pictured)
7297073 (6 pcs)	R073	Super-Elevated Track, R245-30° (not pictured)
7297074 (6 pcs)	R074	Super-Elevated Track, R270-30° (not pictured)
7297075 (6 pcs)	R075	As 7297073, but with concrete sleepers (not pictured)
7297076 (6 pcs)	R076	As 7297074, but with concrete sleepers (not pictured)
7297786 (1 pc)	S045-1	Railway Crossing Japan (not pictured)
7297787 (1 pc)	S045-2	Railway Crossing USA (not pictured)
7297788 (1 pc)	S045-3	Railway Crossing Europe (not pictured)
7297028 (1 set)	R028	Track Set A - Oval Set 8 Curved Tracks, R195-45°, 4 Straight Tracks, 110 mm

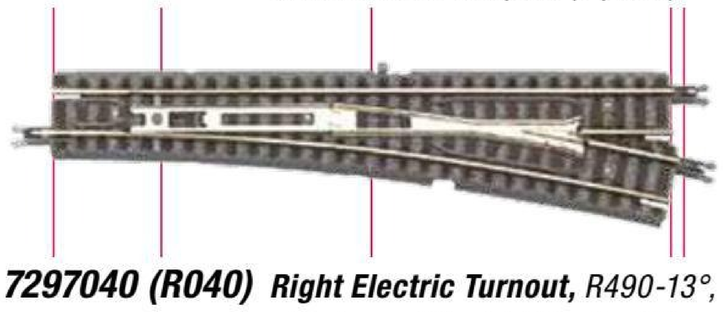
Straight tracks, special tracks, track sets		
NOCH Ref.	**ROKUHAN Ref.**	**Description**
7297047 (1 set)	R047	Track Set B - Passing Track 1 x each of Left + Right Electric Turnouts, R490-13°, straight, 110 mm, 2 x Curved Track, R490-13°, 2 x Straight Track, 110 mm
7297062 (1 set)	R062	Track Set C - Double Track Oval Set Overall dimensions approx. 460 x 900 mm
7297063 (1 set)	R063	Track Set D - Viaduct Set Overall dimensions approx. 560 x 860 mm
7297079 (1 set)	R079	Track Set E - Mini Double Track Set 8 x Curved Track R95-45° 8 x Curved Track R120-45° 2 x Straight Track 110 mm 2 x Straight Track 55 mm 2 x Right Points 55 mm (not pictured) Overall dimensions approx. 260 x 370 mm
7297080 (1 set)	R080	Track Set F - Oval Track with Sidings Overall dimensions approx. 1,155 x 485 mm

Turnouts and Crossings



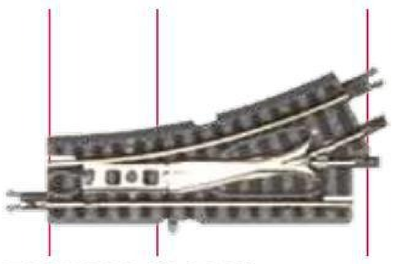
7297039 (R039) ***Left Electric Turnout,*** *R490-13°, 110 mm, with 1 x cut Straight Track, 110 mm (1 piece)*

7297055 (R055) ***Left Electric Turnout,*** *R490-13°, 110 mm, with 1 x cut Straight Track, 110 mm, with concrete sleepers (1 piece)*

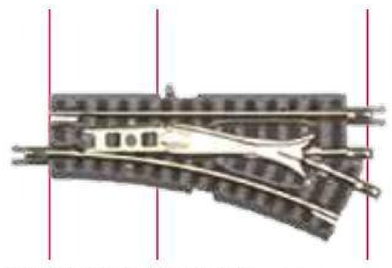


7297040 (R040) ***Right Electric Turnout,*** *R490-13°, 110 mm, with 1 x cut Straight Track, 110 mm (1 piece)*

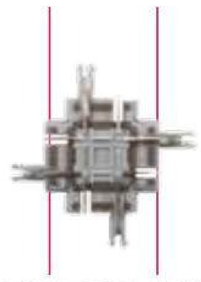
7297056 (R056) ***Left Electric Turnout,*** *R490-13°, 110 mm, with 1 x cut Straight Track, 110 mm, with concrete sleepers (1 piece)*



7297022 (R022) ***Left Electric Turnout,*** *with 1 x cut Straight Track, 55 mm (1 piece)*

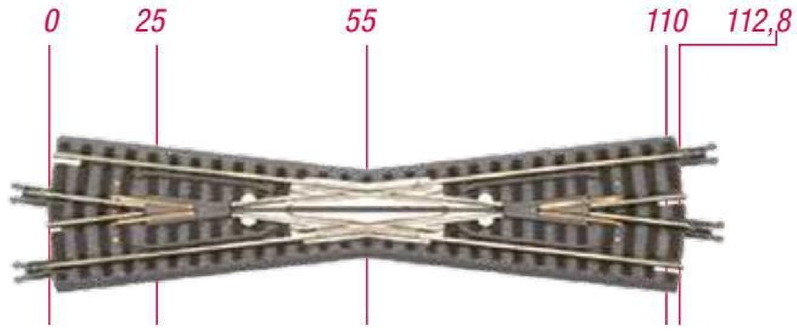


7297023 (R023) ***Right Electric Turnout,*** *R127-26°, 55 mm, with 1 x cut Straight Track, 55 mm (1 piece)*

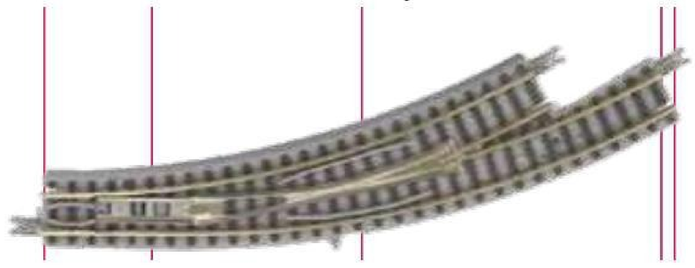


7297025 (R025) ***Crossing 90°,*** *25 mm (1 piece)*



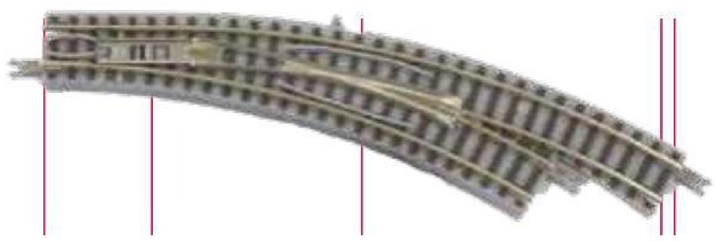


7297020 (R020) ***Crossing 13°,*** *112.8 mm, with 2 x Adjustment Track 53.6 mm (1 piece)*



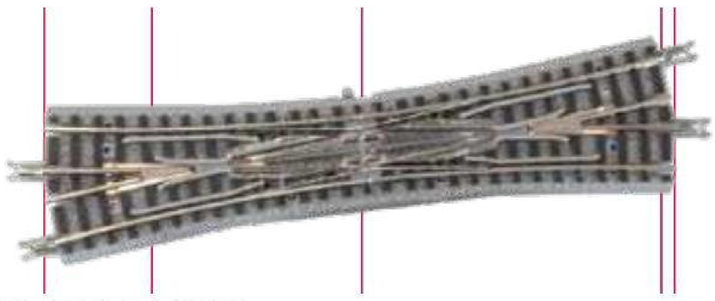
7297026 (R026) ***Left Curved Turnout,*** *R220/195-30°, 112.8 mm, with 1 x cut Curved Track (1 piece)*

7297057 (R057) ***Left Curved Turnout,*** *R220/195-30°, 112.8 mm, with 1 x cut Curved Track and with concrete sleepers (1 piece)*



7297027 (R027) ***Right Curved Turnout,*** *R220/195-30°, 112.8 mm, with 1 x cut Curved Track (1 piece)*

7297058 (R058) ***Right Curved Turnout,*** *R220/195-30°, 112.8 mm, with 1 x cut Curved Track and with concrete sleepers (1 piece)*

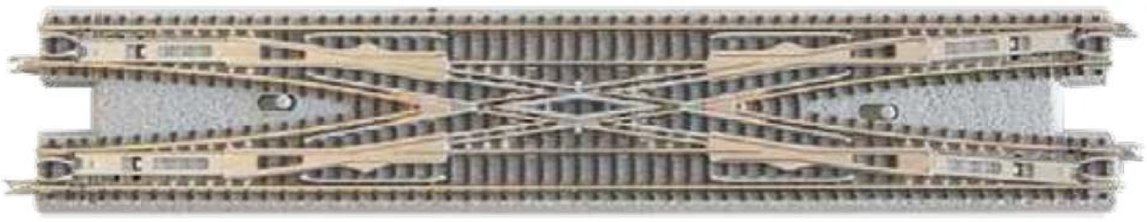


7297034 (R034) ***Electric Double-Slip Turnout,*** *112.8 mm 13° + 2 x Straight Track cut left, 53.6 mm (1 piece)*

7297068 (R068) ***Electric Double-Slip Turnout,*** *112.8 mm 13° + 2 x 53.6 mm Straight Track cut left, with concrete sleepers (1 piece)*

7297035 (R035) ***Electric Double-Slip Turnout,*** *112.8 mm 13° + 2 x 53.6 mm Straight Track cut right (1 piece)*

7297069 (R069) ***Electric Double-Slip Turnout,*** *112.8 mm 13° + 2 x 53.6 mm Straight Track cut right, with concrete sleepers (1 piece)*

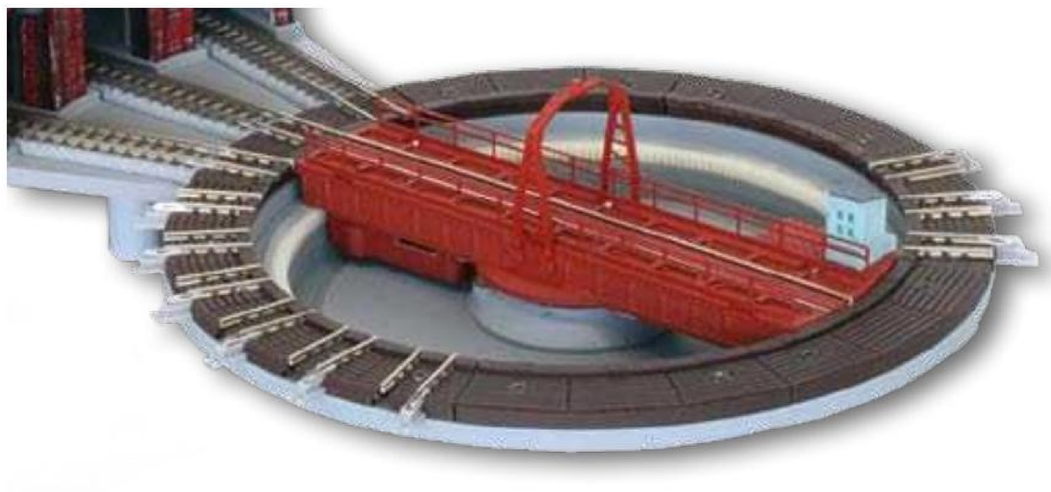


7297078 (R078) ***Double Crossover*** *220 mm, 25 mm track distance (1 piece)*

7297082 (R082) ***Double Crossover*** *220 mm, 25 mm track distance, with concrete sleepers (1 piece)*

Note:
ROKUHAN Turnouts/Turnout Switches

- *The turnouts should only be operated with the C002 ROKUHAN Turnout Switch or via RC03 controller.*
- *To use control panels with a push button, please use the Turnout Module (NOCH ref. 60264; see page 402).*
- *Misuse of the turnouts (blade is not in the direction of travel) can cause a short circuit.*





Turntable and Round House

Turntable

Enjoy a technically sophisticated turntable from ROKUHAN be it analogue or digital (DCC). You get 8 track connections in the basic set, which can be extended to a total of 24. The stepping motor's delicate controls allow an optimal run-up to the individual tracks and the attractive controller offers clear functionality that you will find pleasing.

Set consists of:

- *1 turntable*
- *1 controller*
- *8 track connections*
- *1 insulated rail joiner*
- *1 instruction manual*

Model Features

- *Length of turntable bridge: 132 mm*
- *Outer diameter: 169 mm*
- *Mounting depth: approx. 23 mm*

Power supply via ROKUHAN AC Adapter (7297411 optional) or via the RC02 or RC03 controllers.



Round House

Complete your Turntable with this stylish Round House, which makes your model landscape even more impressive. The kit contains 2 different façades that you can use. This 3-piece segment can of course be extended as desired and can also be easily retrofitted with lighting (white 7297417 or orange 7297401 LED, distributor connection 7297416).

Model Features

- *Easy to mount kit*
- *With 2 different façades to choose from*
- *Can be extended*

Electric Turntable and Round House		
NOCH Ref.	**ROKUHAN Ref.**	**Description**
7297613	S037	Electric Turntable
7297614	S038	Round House
7297615	A035	2 Track Connections, 2 Edge Segments without Track
7297616	A036	Turntable Extension Cable (150 cm)

Engine House

- *2 colour variants to choose from*
- *Enclosed signs for you to attach*
- *Retrofit interior lighting with ref. 7297401 (see page 403)*



7297665 (S051-1) **Wooden Engine House**
dark brown



7297666 (S051-2) **Wooden Engine House**
brown

Platforms & Railway Stations



7297632 **Island Platform**
(S046-1) **Basic Set**
43 x 3.3 cm, 1.1 cm high



7297633 **Island Platform**
(S046-2) **Extension Set**
11 x 3.3 cm, 1.1 cm high



7297634 **Station** *(Blue Roof)*
(S047-1) *25.8 (22) x 8.1 cm*

7297635 **Station** *(Red Roof)*
(S047-2) *25.8 (22) x 8.1 cm*



7297636 **One-Sided Platform Set**
(S048-1) *25.8 (22) x 2.4 cm, 1.1 cm high*

Bridges, Bridge Piers and Viaduct Segments

In addition to the usual interesting bridges, ROKUHAN's modern viaduct segments are waiting for you. The easy-to-mount segments are supplied without a track, so you have a free choice of tracks to choose from:

rails with beds (wooden or concrete sleepers) and also without beds. ROKUHAN offers suitable bridge piers for crossings (e.g. in city areas).















Viaduct, single-track, straight, 110 mm



Viaduct, double-track, straight, 110 mm



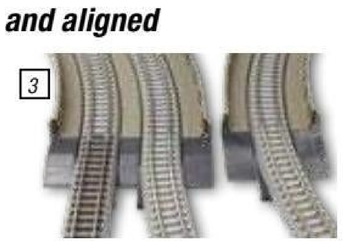
Elements are screwed onto the back of rails and aligned



Double-track viaduct element with tracks



Optional access hole for connecting cable (ref. 97408)



Transition to single- or double-track viaduct routes

Bridges and Bridge Piers
(The Box and Plate Girder Bridges are supplied without tracks. Suitable track: ref. 97045.)

	NOCH Ref.	ROKUHAN Ref.	Description
	7297041 (1 pc)	R041	Box Girder Bridge, dark green, single-track, 220 mm (not pictured)
1	7297042 (1 pc)	R042	Box Girder Bridge, dark red, single-track, 220 mm
	7297043 (1 pc)	R043	Box Girder Bridge, dark green, double-track, 220 mm (not pictured)
2	7297044 (1 pc)	R044	Box Girder Bridge, beige, double-track, 220 mm
3	7297060 (1 pc)	R060	Box Girder Bridge, brown, double-track, 220 mm
	7297061 (1 pc)	R061	Box Girder Bridge, brown, single-track, 220 mm (not pictured)
4	7297610 (1 pc)	S023	Plate Girder Bridge, brown, single-track, 110 mm
5	7297070 (1 pc)	R070	Deck Girder Bridge, dark red, single-track with track, 110 mm
	7297071 (1 pc)	R071	Deck Girder Bridge, green, single-track with track, 110 mm (not pictured)
	7297072 (1 pc)	R072	Deck Girder Bridge, dark grey, single-track with track, 110 mm (not pictured)
6	7297604 (10 pcs)	S017	Bridge Piers Set, ascending; height of highest bridge pier: 40 mm
	7297605 (6 pcs)	S018	Bridge Piers Set, height 40 mm (not pictured)

Viaduct Segments and Catenary Pylons
(The Viaduct elements are supplied without tracks. Suitable tracks: ref. 7297001, 7297045 or 7297049.)

	NOCH Ref.	ROKUHAN Ref.	Description
1	7297600 (2 pcs)	S010	Viaduct, single-track, straight, 110 mm
	7297601 (3 pcs)	S011	Viaduct, single-track, curved, R195-30° (not pictured)
	7297602 (3 pcs)	S012	Viaduct, single-track, curved, R220-30° (not pictured)
	7297603 (3 pcs)	S013	Viaduct, double-track, curved, R195/220-30° (not pictured)
2	7297606 (2 pcs)	S019	Viaduct, double-track, straight, 110 mm
3	7297611 (2 pcs)	S035	Viaduct Step, single-track
3	7297612 (2 pcs)	S036	Viaduct Step, double-track
	7297607 (10 pcs)	S020	Catenary Pylon, single-track (not pictured)
	7297608 (10 pcs)	S021	Catenary Pylon, double-track (not pictured)
	7297609 (10 pcs)	S022	Beam for Catenary Pylon (e.g. for triple-track; not pictured)
	7297406 (10 pcs)	A006	Track & Pylon Base, single-track, 40 x 8 x 3 mm (for fixing tracks or installing catenary pylons; not pictured)
	7297407 (10 pcs)	A007	Track & Pylon Base, double-track, 80 x 8 x 3 mm (for fixing tracks or installing catenary pylons; not pictured)

More bridges can be found at your trade dealer's or at www.rokuhan.de

Houses



7297217** **Corner Shop Building A (S034-1)



7297216** **Office Building C (S033-3)



7297627** **Two-Storey House A (S042-2)



7297661** **Convenience Store,** blue/grey **(S049-2)

Containers

Containers		
NOCH Ref.	**ROKUHAN Ref.**	**Description**
7297510 (1 St.)	A101-5	Hapag-Lloyd 40' Container
7297547 (2 St.)	A108-1	P&O 20' Container
A large selection of other lengths and companies can be found at your trade dealer's or at www.rokuhan.de		





Is Something Still Missing?

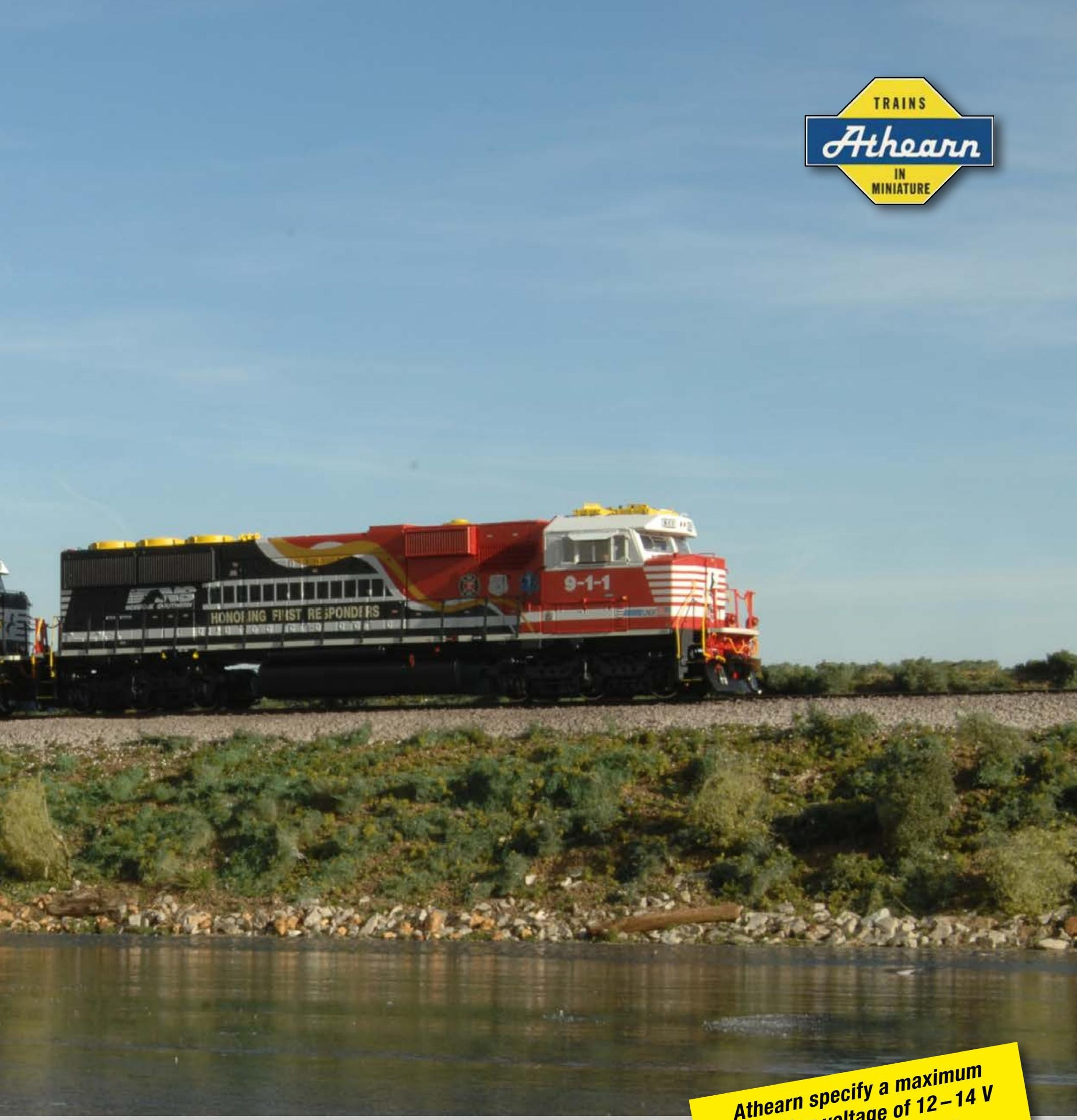
A large selection of locomotives, train sets, passenger/goods carriages, over 40 different 12', 20', 31' or 40' containers, as well as traditional and modern Japanese buildings can be found at your trade dealer's or at www.rokuhan.de.

Arrangement, colour and shape variations subject to change.



America's Most Famous »Long-Distance Hauliers« at NOCH – Athearn: »The Biggest Little Railroad in America℠«

With over 1.5 million models sold every year, Athearn rightly claims to be »the biggest little railroad in America.« We are therefore particularly proud to be an international distribution partner of Athearn and enable you to purchase all the models of this well-established US manufacturer through our trade partners.
Since 1943, when Irv Athearn began to build 0-gauge goods wagons in his mother's kitchen, the name has stood for quality and a very good price-performance ratio. These values formed the basis for success. Even today, Irv's legacy, in the shape of quality and value, can be found in every model. The models shown here are just a small excerpt from the extensive Athearn range. For updates, go to www.noch.com (enter Athearn in the brand name field) or simply ask your local dealer.



Athearn specify a maximum operating voltage of 12 – 14 V for their locomotives

Athearn

Info Tip: Athearn

The range of products from the company Athearn, established in 1943, is divided into:

- *The high-quality »Genesis« model line*
- *The excellently detailed »N Scale« model line*
- *The pre-fitted »Ready-to-Roll« model line*
- *The »Roundhouse« brand*

Our Athearn trade partners are informed monthly about new Athearn releases. Stay up-to-date with our newsletter. Just type your e-mail address in the field at the bottom of the homepage (www.noch.com) to register for the newsletter.

4-8-8-4 Big Boy



HO N USA Rmin HO 558 Rmin N 279 GENESIS *4-8-8-4 Big Boy Steam Locomotive* DCC-Ready

4-8-8-4 Big Boy

The Union Pacific s Overland Route, the eastern portion of the Transcontinental Railroad, was built west from Omaha, across Nebraska and Wyoming, and on into Utah. The steepest gradient was the eastbound climb on the Echo Canyon line through the Wasatch Mountains just east of Ogden, Utah. Forty 4-6-6-4 Challenger locomotives were acquired in 1936 and 1937 to move fast freight over the gradients in Utah and Wyoming. They were rated at 4,290 tons across Wyoming, but were limited to 3,100 tons eastbound through Echo Canyon.

Union Pacific wanted something that could reach the same speeds as the Challengers but could carry the entire 4,290-ton train over the Wasatch Mountains without a helper. The easiest solution was to scale up the successful Challenger design by adding another pair of drivers to each half of the locomotive thus making a 4-8-8-4.

In 1941, UP placed an order for twenty 4-8-8-4s, numbered between 4000 and 4019 through 4019, with the American Locomotive Works. Each engine cost $265,174. According to legend an unidentified machinist at the ALCO plant is responsible for the name »Big Boy«, having scrawled the name in chalk on a partially completed locomotive.

4-8-8-4 Big Boy Steam Locomotive – Gauge H0		
Ref. without sound	**Description**	**Gauge**
75G40140	UP/Promontory #4014	H0
75G88300	UP #4004	H0
75G88303	UP #4012	H0
75G88304	UP #4017	H0
75G88306	UP #4014/Excursion	H0
75G88307	UP #4023	H0
75G88308	UP #4002	H0
75G88309	UP #4011	H0
Ref. with sound	**Description**	**Gauge**
75G88400	UP #4004	H0
75G88406	UP #4014/Excursion	H0
75G88407	UP #4023	H0
75G88408	UP #4002	H0

4-8-8-4 Big Boy Steam Locomotive – Gauge N		
Ref. without sound	**Description**	**Gauge**
7530100	UP #4004	N
7530103	UP #4012	N
7530104	UP #4017	N
7530106	UP #4014/Excursion	N
7530108	UP #4002	N
Ref. with sound	**Description**	**Gauge**
7530200	UP #4004	N
7530201	UP #4005	N
7530204	UP #4017	N
7530205	UP #4018	N
7530206	UP #4014/Excursion	N
7530207	UP #4023	N
7530208	UP #4002	N
7530209	UP #4011	N
7540140	UP/Promontory #4014	N

Model Features:

- *Fully-assembled and ready-to-run*
- *DCC-ready features Quick Plug plug-and-play technology*
- *Pivoting front and rear engines for negotiating 22 radius curves*
- *McHenry scale knuckle couplers Kadee compatible*

Delivery Date: *December 2020*

Model Features:

- *Fully-assembled and ready-to-run*
- *DCC-ready features Quick Plug plug-and-play technology*
- *Pivoting front and rear engines for negotiating 11 radius curves 15 radius recommended*
- *McHenry scale knuckle couplers*

Delivery Date: *April 2021*

GP15-1 Diesel Locomotive

In the mid-1970s, EMD developed the new GP15-1 model in an effort to offer their customers a replacement for their medium-sized shunters, which were wearing out. Many railways (i.e. ATSF, SP and ICG) were rebuilding their older shunters and EMD wanted to offer them a different option. Unfortunately, there weren't a lot of takers and only 310 units were built for US railways. This small 1,500 horsepower unit came with a radiator intake section similar in appearance to the special one that EMD was using on the larger SD40/45T-2 models being produced for the Rio Grande and Southern Pacific to alleviate overheating issues in their many tunnels. Railfans dubbed these larger units »tunnel motors«, which led to the smaller GP15-1s receiving the moniker »baby tunnel motors«. Many GP15-1s remain in service today for major Class 1 railroads, regional railroads and shortlines.

Model Features:

- *LED lighting*
- *Multiple unit (MU) rubber hoses*
- *Finely detailed fuel tank*
- *Fine-scale Celcon handrails*
- *With Tsunami2 Sound Decoder or 21-pin interface for models without sound*
- *Model with sound can be operated in both DCC and DC*
- *Heavy die-cast frame for greater traction and more pulling power*
- *McHenry® scale knuckle spring couplers and much more*

Delivery Date: *May/June 2021*

GP15-1 Diesel Locomotive – H0 Gauge			
Ref. without sound	***Ref. with sound***	***Description***	***Gauge***
75G13110	*75G13210*	*UP #547*	*H0*
75G13111	*75G13211*	*UP #551*	*H0*
75G13112	*75G13212*	*UP #570*	*H0*
75G13113	*75G13213*	*UP #574*	*H0*
75G13114	*75G13214*	*SLSF #103*	*H0*
75G13115	*75G13215*	*SLSF #107*	*H0*
75G13116	*75G13216*	*SLSF #114*	*H0*
75G13117	*75G13217*	*BNSF #1481*	*H0*
75G13118	*75G13218*	*BNSF #1495*	*H0*
75G13119	*75G13219*	*BNSF #1478*	*H0*
75G13120	*75G13220*	*GMTX #410*	*H0*
75G13121	*75G13221*	*GMTX #426*	*H0*
75G13122	*75G13222*	*GMTX #427*	*H0*
75G13123	*75G13223*	*CNW #4405*	*H0*
75G13124	*75G13224*	*CNW #4410*	*H0*
75G13125	*75G13225*	*CNW #4409*	*H0*
75G13132	*75G13232*	*VCRR #1560*	*H0*
75G13126	*75G13226*	*CFNR(GW) #1568*	*H0*
75G13127	*75G13227*	*CFNR(GW) #1569*	*H0*
75G13128	*75G13228*	*CFNR(GW) #1570*	*H0*
75G13129	*75G13229*	*CFNR #103*	*H0*
75G13130	*75G13230*	*CFNR #106*	*H0*
75G13131	*75G13231*	*CFNR #109*	*H0*
75G13133	*75G13233*	*SJVR #1561*	*H0*



75G13110



75G13114



75G13117



75G13120



75G13123



75G13132



75G13126



75G13129



75G13133

60´ Berwick Hi-Cube Box Car

Berwick Forge & Fabrication emerged as a freight car builder in the early 1970s as the per diem boxcar boom errupted. BFF built a variety of boxcars in different heights and lengths, including assigned service for many different railroads and shortlines.

Model Features:

- *Fully assembled and ready for your layout*
- *Body mounted McHenry operating scale knuckle couplers*
- *Minimum radius: 22*

Delivery Date: *June 2021*



7575150



7575153



7575156



7575159



7575162

RTR 60´ Berwick Hi-Cube Box Car – H0 Gauge		
Ref.	***Description***	***Gauge***
7575150	*ATSF #37502*	*H0*
7575151	*ATSF #37569*	*H0*
7575152	*ATSF #37583*	*H0*
7575153	*CR/NYC #223343*	*H0*
7575154	*CR/NYC #223393*	*H0*
7575155	*CR/NYC #223393*	*H0*
7575156	*DRGW #63890*	*H0*
7575157	*DRGW #63893*	*H0*
7575158	*DRGW #63897*	*H0*
7575159	*MILW #4299*	*H0*
7575160	*MILW #4300*	*H0*
7575161	*MILW #4302*	*H0*
7575162	*NW #604520*	*H0*
7575163	*NW #604529*	*H0*
7575164	*NW #604531*	*H0*

50´ Ice Bunker Reefer

These colourful cars are intended to capture the flavour of vintage 50' Ice Reefers. They are not intended to be prototypically accurate.

Model Features:

- *Fully assembled and ready for your layout*
- *Separately applied end tack boards*
- *Includes moulded and wire form grab irons, stirrup steps and recessed ladders*
- *Separately applied door latch bars*
- *Photo-etched brake platform*
- *Machined RP25 profile metal wheels*
- *McHenry scale knuckle spring couplers installed*
- *3-packs available with 3 different numbers (Santa Fe only)*

Delivery Date: *June/July 2021*



7597929



7597935



7597938



7597941



7597944

50´ Ice Bunker Reefer		
Ref. HO Gauge	***Ref. N Gauge***	***Description***
7597929	*7502368*	*SFRD »The Scout« #No Number*
7597930	*7502369*	*SFRD »The Scout« #No Number, 3-Pack*
7597931	*7502370*	*SFRD »The Grand Canyon« #No Number*
7597932	*7502371*	*SFRD »The Grand Canyon« #No Number, 3-Pack*
7597933	*7502372*	*SFRD Large Logo #No Number*
7597934	*7502373*	*SFRD Large Logo #No Number, 3-Pack*
7597935	*7502374*	*WCLX #5077*
7575936	*7502375*	*WCLX #5081*
7597937	*7502376*	*WLCX #5102*
7597938	*7502377*	*FOBX #4055*
7597939	*7502378*	*FOBX #4097*
7597940	*7502379*	*FOBX #4123*
7597941	*7502380*	*RPRX #2103*
7597942	*7502381*	*RPRX #2108*
7597943	*7502382*	*RPRX #2110*
7597944	*7502383*	*NP #94013*
7597945	*7502384*	*NP #94036*
7597946	*7502385*	*NP #94071*

Ford C TeleSqurt Fire Truck – H0 Gauge		
Ref.	**Description**	**Gauge**
7591863	Red	H0
7591864	White	H0
7591865	Red w/ White Roof	H0
7591866	Red w/ White Cab	H0
7591867	Red & White	H0
7591868	Safety Green	H0

Ford C Telesqurt Fire Truck – H0 Gauge

The Ford C TeleSqurt is the latest addition to Athearn's Ready-to-Roll line of fire engines. The TeleSqurt's telescopic boom is designed to deliver maximum fire fighting right where it's needed, and lifts up to bring the fire extinguishing monitor into the middle of the action. This exact replica will certainly fit in any H0 fire brigade.

Delivery Date: *June 2021*



7591863



7591864



7591865



7591866



7591867



7591868

US couplers compatible with NEM362		
Ref.	**Description**	**Gauge**
KD00017	NEM362 Coupler, S, 7.11 mm, 2 pairs/4 pieces	H0
KD00018	NEM362 Coupler, M, 8.63 mm, 2 pairs/4 pieces	H0
KD00019	NEM362 Coupler, L, 10.76 mm, 2 pairs/4 pieces	H0
KD00020	NEM362 Coupler, XL, 11.68 mm, 2 pairs/4 pieces	H0





Couplers

For the best possible connection between US locomotives and cars with an NEM362 coupler pocket, we recommend the following top-quality Kadee Magne-Matic® Coupler Heads with swallow-tail shank.



We Always Keep You Up-to-Date!

NOCH US Newsletter

The full range from Athearn would actually justify creating a separate catalogue... Due to the monthly news announcements, though, this catalogue would quickly become irrelevant and out-of-date. The selection in this chapter is also only a short overview of the extensive range offered by Athearn.
Nevertheless, we always keep you up-to-date with our US newsletter! Just type your e-mail address in the field at the bottom of the homepage (www.noch.com) to register for the newsletter. You are guaranteed not to miss out on new items any longer. In addition, you'll receive detailed info about the features and prototypes of the respective models. We also provide illustrations of the painted and printed variants as well as short product videos for one or two top new releases with the free US newsletter.
We look forward to your visit to our website and your registration for the NOCH US newsletter.

Still haven't found a suitable model from Athearn? No problem!

Your local dealer regularly receives updated stocks from us. So you can easily choose your model from this list, which your dealer then orders from us. This also applies to the US products from KATO.

Only while stocks last!

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15730	260	15961	269	18401	279	24640	197	32925	200	36532	254	44203	303
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15740	260	15966	264	21320	61	24643	197	33070	294	36561	264	44252	303
15742	261	15979	265	21330	61	24680	197	33095	295	36571	255	44305	302
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15749	261	16041	275	21400	60	24683	197	34071	97	36593	264	44420	71
15752	261	16043	275	21410	60	25070	192	34090	96	36614	257	44430	71
15761	261	16045	275	21420	60	25075	157	34100	96	36616	270	44670	304
15772	261	16049	275	21512	201	25086	192	34111	93	36629	257	44790	70
15774	261	16050	275	21514	201	25087	157	34121	93	36630	258	44800	70
15775	261	16070	276	21522	201	25088	192	34150	96	36634	258	44810	64
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15801	249	16072	277	21532	188	25092	193	34200	94	36712	259	44920	304
15802	249	16101	274	21537	188	25096	193	34201	95	36713	259	44985	267
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15810	262	16121	274	21545	188	25110	190	34204	95	36721	259	45038	247
15815	262	16130	274	21550	178	25111	190	34222	94	36722	259	45055	247
15819	270	16200	272	21560	178	25112	190	34224	94	36723	260	45061	248
15824	270	16201	272	21570	178	25113	190	34240	90	36730	260	45070	248
15826	270	16205	272	21600	178	25114	190	34304	68	36745	261	45076	249
15827	270	16210	273	21640	178	25115	190	34306	68	36748	261	45108	248
15828	270	16215	273	21641	181	25120	191	34400	71	36750	261	45110	248
15829	270	16220	273	21642	179	25130	190	34410	71	36761	261	45116	248
15832	262	16658	260	21650	178	25140	191	34640	319	36809	262	45220	250
15833	262	16706	258	21660	179	25150	191	34660	319	36815	262	45242	251
15834	262	16714	258	21690	179	25170	191	34730	319	36819	270	45265	252
15838	262	16732	262	21730	179	25232	191	34790	70	36824	270	45275	251
15839	263	16750	257	21760	180	25234	157	34800	70	36828	270	45276	251
15841	263	16756	258	21761	181	25410	191	34840	68	36839	263	45277	251
15842	263	16770	247	21765	182	25420	191	34851	64	36841	263	45279	251
15843	263	16800	268	21766	183	25432	191	34852	64	36843	263	45280	252
15844	263	16805	268	21770	180	25510	190	34854	64	36849	263	45282	252
15849	263	16809	268	21780	180	25511	190	34855	64	36851	263	45479	253
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15854	263	16820	268	21802	181	25860	194	34859	64	36876	264	45560	255
15860	264	16822	268	21810	185	25880	194	34860	58	36898	266	45561	264
15861	264	16824	268	21811	185	25895	194	34861	58	36904	266	45590	256
15870	264	17100	314	21812	185	25950	195	34937	67	36905	266	45593	264
15871	264	17110	314	21815	185	25952	195	34938	67	36910	266	45616	270
15872	265	17111	314	21816	185	25963	197	34940	67	36926	270	45629	257
15873	265	17150	314	21817	185	25964	197	34942	67	36927	270	45630	258
15874	265	17151	314	21911	184	26801	198	35848	289	36951	269	45711	259
15876	264	17800	310	21914	184	26806	198	35849	290	36959	269	45715	259
15879	264	17810	310	21919	184	26811	199	35985	267	36965	264	45721	259
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Units of Measurement

1 cm = 10 mm = 0.3937 inches
1 m = 100 cm = 39.37 inches
1 inch = 2.54 cm
1 foot = 12 in. = 30.48 cm

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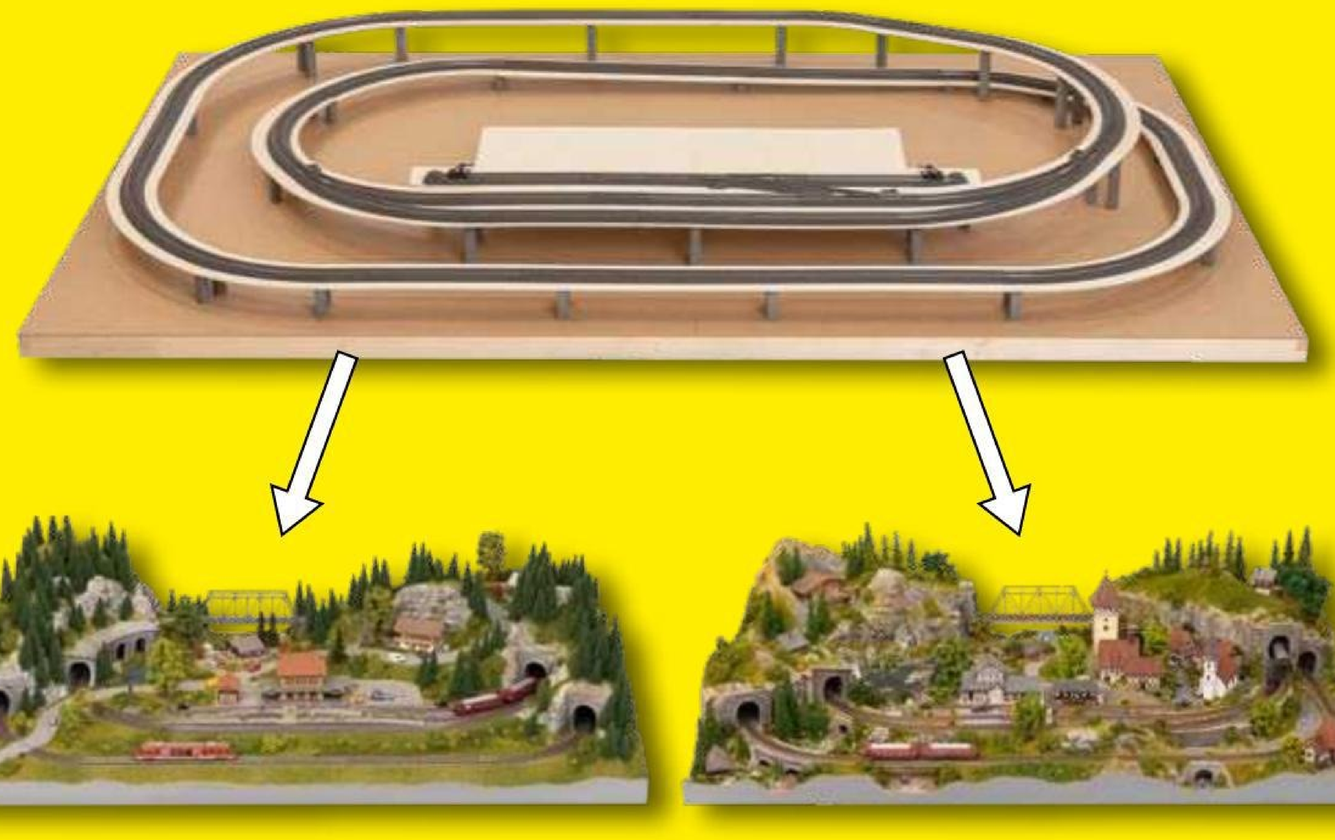
Easy-Track – the Ideal Solution for Newcomers and those Returning to the Hobby

With Easy-Track, NOCH presents a convincing system for the construction of personalised model railway layouts.

Easy-Track is ideal for newcomers and those returning to the hobby because it relieves you of time-consuming track planning. The pre-cut route elements, the stands, the track plans from the most important track providers and a 1:1 construction plan are included. You just need rails from the manufacturer of your choice and a suitable base plate.
Once the route has been constructed and the rails assembled, you can get creative and design the landscape according to your own ideas.

You'll find further information about the Easy-Track System on pages 30 to 35 of this catalogue.



Set-up example A (page 32 – 33)

Set-up example B (page 34 – 35)

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On 27th and 28th May 2022, we'll be celebrating our 111th birthday. Visit us on our Open Day in Wangen.

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