BACHMANN'S SUMMER 2022 PLANS ◆ ILLUMINATE LOW-RELIEF BUILDINGS

No. 301 July 2022 £4.90

MODEL RAIL

INNOVATIVE ◆ IN-DEPTH ◆ INDEPENDENT

THE UK'S BEST VALUE MODELLING MAGAZINE EST. 1997

22 Pages of practical tips

Peak of Perfection

Derbyshire's Peak District – gloriously recreated in 'OO'

IT'S A GAS
Follow the construction of a Victorian gasworks

CHUFFING GOOD
Installing DCC sound in a 'OO9' steam locomotive

EAST COAST ICONS REVIEWED:
Hornby Class 91 & Accurascale 'Deltic'

WOODWORK LESSON
Top tips for timber platform construction

FEELING STUMPED?
An easy way to model tree stumps

DIY DATA PANELS
Create your own wagon markings

dapol
model railway company

Tel: 01691 774455
e~mail: sales@dapol.co.uk
www.dapol.co.uk
Dapol Limited, Gledrid Industrial Park, Chirk, Wrexham, LL14 5DG

Coming soon...

OO Gauge 78xx Manor - In Store Soon



General Stockist Release

DCC versions also available



Easy fit DCC & DCC Sound Slide out PCB - Access through the smoke box door



Dapol's tried and tested Award Winning wire free loco to tender connection



High detailed Cab Interior The model features a highly detailed and beautifully decorated cab with a realistic glow in the fire box



Full cylinder profile Negotiates second radius curves with ease

Sound Fitted Models now available to pre-order at your preferred Dapol Stockist

Visit www.dapol.co.uk for full specification and livery details

OO Gauge Class 68 - In Transit



Available to pre-order at your preferred Dapol Stockist

Visit www.dapol.co.uk for full specification and livery details

Other News

- N Gauge deco samples under review
- N Gauge DVT artwork under review
- OO Gauge LMS Bracket Signal EP under review
- O Gauge SR Signal EP's under review
- O Gauge B4 0-4-0 deco samples under review

4F-028-055 - 20ft Container EISU Twin Pack 75951 5 & 01151 3
4F-028-056 - 20ft Container EISU Twin Pack 75951 5 & 01151 3 Wthd
4F-036-031 - Bulk Grain Hopper - LMS 701420
4F-036-032 - Bulk Grain Hopper - LMS 701420 Weathered
4F-036-033 - Bulk Grain Hopper - GWR 42340
4F-036-034 - Bulk Grain Hopper - GWR 42340 Weathered
4F-036-035 - Bulk Grain Hopper - BR B885332
4F-036-036 - Bulk Grain Hopper - BR B885332 Weathered

Product Scale Key

O Gauge | OO Gauge | N Gauge

All product release dates correct at time of going to press

SPECIAL COMMISSION WAGONS

YOUR CHOICE OF DAPOL BODY
YOUR CHOICE OF LIVERY

FROM JUST 100 IDENTICAL MODELS IN 'OO' OR 'N' 25 IN 'O'
TURN AROUND IN JUST 3 MONTHS

FOR MORE DETAILS CONTACT CLAIRE ON
01691 774455 OPTION 1 OR EMAIL studio@dapol.co.uk

MODEL RAIL

Get in touch

For all editorial enquiries, you can contact us by **e-mail:** *modelrail@bauermedia.co.uk*

Postal address
Model Rail, Media House, Lynchwood, Peterborough Business Park, Peterborough PE2 6EA

Or you can **call** us on 01733 395157

Model Rail is also on **Facebook:** *www.facebook.com/modelrail*

Subscribe now and get *Model Rail* for less

Get *Model Rail* for £4.30 per month! See p26.

SUBSCRIPTIONS

To contact us about subscription orders, renewals, missing issues or any other subscription queries, please e-mail *bauer@subscription.co.uk* or call our UK number on **01858 438884**.

- For overseas subscriptions, call **+44 1858 438884**.
- To manage your account online, visit *www.greatmagazines.co.uk/solo*

BACK ISSUES

To order back issues, please call our UK number on **01858 438884**.

- Overseas customers should call **+44 1858 438884**.

This month's cover image



Ex-Midland and ex-LNWR traction run side-by-side through the Derbyshire Peak District in 1947. Turn to page 28 to read about Sam Jones' evocative 'Peaks47' layout. CHRIS NEVARD

www.facebook.com/modelrail
www.twitter.com/modelrailuk
www.instagram.com/modelrailmag

Welcome



After receiving a preview model of the new Accurascale 'Deltic' last month for use on our 300th cover, a further pair of models arrived for review just as MR300 headed off to the printers. Usually, we're lucky if we get two or three weeks to review a new model, with intensive running trials conducted and reference made to as much prototype material as we can find.

In this instance, I've had much longer to put these impressive models through their paces, which has also allowed me to delve deeper into reference material, refreshing my memory regarding these amazing diesels.

When I joined *Model Rail* in 2004, I knew a modest amount about 1980s British Rail traction and wagons, along with LMS steam, but that was the limit of my knowledge.

Since then, one of the 'perks' of the job has been the opportunity to learn much more about different eras and regions, encompassing subjects that I hadn't been interested in before. Or rather, it hadn't occurred to me to be interested in them before! After all, our hobby encompasses such a vast range of elements, both within and without the railway boundary.

The 'Deltics' are a good case in point. I'm too young to remember them first-hand and, until my stint at the National Railway Museum, I hadn't seen a preserved example in action. Faced with super-detailing the then-new Bachmann Class 55 in 2008, I had to 'gen-up' quickly.

Trawling my archive again recently, I found an image of my younger self, cleaning Porterbrook's 9016 *Gordon Highlander*, outside the NRM in 2002. That was a last-minute, voluntary job, prior to the purple Type 5 taking centre stage at a rail industry function. Compensation for working on a filthy diesel, on an equally filthy December afternoon, came from the thrill of hearing the Napier engines droning away in close quarters. Oh, and Porterbrook sent me a case of excellent champagne as a thank you. Cheers!

George Dent Editor

Meet the team behind the UK's best modelling magazine



Chris Leigh Active in the hobby since his teens – he can claim to be experienced!



Chris Gadsby Our DCC specialist starts a new layout every year!

This month's contributors



Model Rail essential information

Q: Looking for an old feature but can't remember which issue it was in?
A: Check out the online index, kindly provided by UK Model Shops, at *www.ukmodelshops.co.uk/ModelRail*

Q: Want to order one of our exclusive models?
A: Go to *www.modelrailoffers.co.uk* or call 01209 705459.

Q: Want to order one of our bookazines?
A: Go to *www.greatmagazines.co.uk* or call 01858 438884.

Q: Have a problem or query about our digital magazines?
A: Visit *www.greatmagazines.co.uk/faq*

Q: Subscription issue not arrived?
A: Call our Subscriptions Department on 01858 438884.

Contents July

Cover Stories

8 Bachmann's Summer 2022 plans
54 Scratchbuild a timber platform
62 Create your own wagon markings
66 Illuminate low-relief buildings
67 Easy way to model tree stumps

Opening the box

6 **The Big Picture**
This month's Big Picture comes from Nick Hamilton's 'Thornwick Bay'.

8 **News**
The latest news in model railways, direct from the manufacturers.

20 **Staff Show & Tell**
The *Model Rail* staff show you what they've been working on this month.

22 **Show & Tell**
The place to share your projects with the *Model Rail* community.

25 **Inside track with Ben Ando**
Ben talks about why running-in is still important for new models.

Inspiration

28 **Layout: Peaks47**
Sam Jones rekindled his love of modelling with this depiction of the final days of the LMS.

68 **Layout: St Judes Bay**
Chris Bone took the modular approach, building this layout one section at a time.

78 **Masterplan: Bufferstops**
Paul A. Lunn examines the various types of bufferstops on the UK's network.



68 Layout: St Judes Bay

Regulars

3 Contact *Model Rail*
18 Exhibition Diary
26 Subscribe to *Model Rail*
102 Next issue
137 Present Your Case
138 Backscene



28 Layout: Peaks47







85 **Reviews**
Accurascale's Class 55 'Deltic' and HAA hoppers, Hornby's Class 91 and Ellis Clark Trains' 'Presflos'

SUBSCRIBE
Save money with the latest reader offer
see p26

Looking for a previous article?
Search the online index at:
www.ukmodelshops.co.uk/modelrail



Workbench

42 Build a gasworks
Richard Simpson converts a lineside warehouse into a gasworks retort house.

48 Fit sound to 'OO9'
Chris Bone explains how he installed digital sound into his Heljan L&B *Lyn*.

50 Recreate a modern café
Peter Marriott employs several new scenic products to create a town scene.

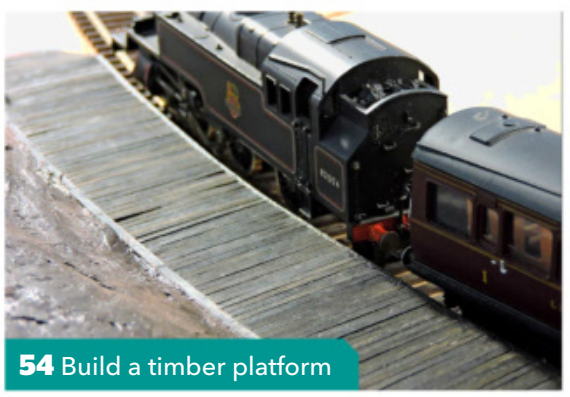
54 Build a timber platform
Paul Braithwaite shares his method for building timber platform extensions.

58 Rocket Railways
Chris Gadsby has a rummage through one of Rocket Railways' 'Mystery Boxes'.


42 Build a gasworks


48 Fit sound to 'OO9'


50 Recreate a modern café


54 Build a timber platform


58 Rocket Railways

Know Your Stuff

62 Create your own wagon markings
64 Know Your Liveries: Part 10
66 Illuminate low-relief buildings
67 Recreate tree stumps



62 Create your own wagon markings

***Model Rail* exclusive models**
Order your '16XX' and 'J70'
The entire range of our exclusive '16XX' is now in stock and some of our 'J70's are nearly sold out. Buy yours today.



98

Opening the box

The latest happenings from the world of model railways

The Big Picture

At *Model Rail*, we're lucky to see stunning layouts on a daily basis and Chris Nevard, our photographer, has the ability to bring out the best in them. Nick Hamilton's 'Thornwick Bay' is a prime example. The layout is beautifully composed, with trains running on different levels, realistic ships and superb water effects. Furthermore, the staggered cliff faces, church and backscene combine to create a terrific lifelike scene. You can read all about Nick's 'N' gauge spectacle in an upcoming edition of *Model Rail*. Photography: CHRIS NEVARD



The Big Picture





BACHMANN RELEASES SUMMER 2022 UPDATE



BY POPULAR REQUEST: NEW LIVERIES ANNOUNCED FOR CLASS 90, 'GRONKS' AND CLASS 419 MLVs

The second quarterly announcement of 2022 was made by Bachmann Europe in early May, with a colourful array of new liveries unveiled for various diesel and electric locomotives, in both 'OO' and 'N' gauge. There are also some exciting new products to come in the Scenecraft range, including the reappearance of old favourites such as the modern 'N' gauge servicing point and Art Deco signal box. A pair of corrugated iron station buildings have been added to the Bachmann Narrow Gauge ('OO9') range, while timber-built engine and goods sheds will appeal to modellers depicting a rural branch line scene.

Availability: Bachmann stockists
Web: *www.bachmann.co.uk*

Owing to popular demand, Bachmann Branchline's acclaimed Class 90 will soon be available in three new liveries, EWS red/gold, Rail Express Systems (RES) red/grey and Freightliner's current orange/black scheme.

The RES livery has been popular with enthusiasts since its introduction by BR's former Parcels Sector in 1991, with five Class 90s being so adorned. Bachmann has chosen to portray 90019 *Penny Black* and the model comes with etched nameplates and commemorative plaques depicting the famous stamp. All three '90s' will be available DCC-ready and sound-fitted.

Freightliner's new Genesse & Wyoming-based livery is also to be applied to Bachmann's Class 08, depicting 08785, while a further pair of 'Gronks' will feature standard BR Rail blue and Harry Needle Railroad Co. blue.

Additionally, a pair of BR Southern Region Class 419 MLVs is also due this summer, in either blue/grey or green livery and sound-fitted options will be available for the first time.



What's planned? Bachmann Class 90
- 32-614 Class 90 90019 *Penny Black*, RES red/grey
- 32-617 Class 90 90044, Freightliner G&W orange/black
- 32-619 Class 90 90030 *Crewe Locomotive Works*, EWS red/gold

Price: £229.95 (£329.95 sound-fitted)

What's planned? Bachmann Class 08
- 32-115C Class 08 08031, BR blue
- 32-123 Class 08 08502, HNRC blue
- 32-124 Class 08 08785 Freightliner G&W orange/black

Price: £149.95

What's planned? Bachmann Class 419 MLV
- 31-265A Class 419 MLV, S68002 BR green
- 31-267A Class 419 MLV, S68008 BR blue/grey

Price: £159.95 (£259.95 sound-fitted)

OBSERVATION CAR GETS ANOTHER LOOK IN

Bachmann Branchline will also be releasing a trio of new versions of its LMS 50ft Observation Saloon, in LMS Crimson Lake (39-780), BR crimson & cream (39-781) and BR Intercity 'Swallow' livery (39-782).

Price: £89.95 each



FARISH OFFERS NEW DIESEL OPTIONS

N GAUGE

The upgraded Farish Class 08 is to be offered in BR Intercity 'Swallow' livery, with a sound fitted option available. Meanwhile, the Class 60 will now have the option of sound, thanks to the new Next18 DCC interface. Three liveries are on offer for the 'Tugs', Mainline blue, DB red and Army red. Completing the new diesel line-up is a Class 37/5 in the striking Loadhaul livery.







What's planned?
Graham Farish by Bachmann
◆ 371-005A Class 08 08950 *Neville Hill*, BR Intercity 'Swallow'
Price: £144.95 (£244.95 sound-fitted)
◆ 371-351A Class 60 60044 *Ailsa Craig*, Mainline Freight blue
◆ 371-359 Class 60 60100 *Midland Railway – Butterley*, DB Cargo red
◆ 371-361A Class 60 60040 *The Territorial Army Centenary*, DB Schenker/Army red
Price: £159.95 (£259.95 sound-fitted)
◆ 371-152 Class 37/5 37513, Loadhaul black/orange
Price: £154.95

FARISH REGIONAL SPECIALS

N GAUGE

Following several 'OO' Sales Area Exclusive model promotions in the past, Bachmann will offer a quartet of 'N' gauge Class 37s this year, with each available from Bachmann retailers in specific areas of the UK.

What's planned?
◆ 371-167TL Class 37/5 37502 *British Steel Teeside*, BR Railfreight red stripe (South & West of England)
◆ 371-450SD Class 37/0 37116 , BR blue, large logo (East of England)
◆ 371-465RJ Class 37/0 37025 *Inverness TMD*, BR large logo blue (Northern England & Scotland)
◆ 371-466DB Class 37/0 37142, BR Engineers grey, (West Midlands, Wales, Ireland)
Price: £154.95 each





TURN THE TOWN RED WITH EFE'S TUBE STOCK

00 GAUGE

With the earlier raft of 1938 Tube Stock selling like the proverbial hotcakes, EFE Rail will be offering another version of the four-car motorised Underground train. Portraying a Bakerloo line train working to Watford in 1970s Bus Red livery, the model will feature the same specification as the original release, including a PluX22 DCC interface.

What's planned?
◆ E99940 London Underground 1938TS, Bakerloo set, Bus red.
Price: £359.95
Availability: Bachmann/EFE Rail stockists



In Brief

BSI COUPLERS FOR MULTIPLE UNITS

00 GAUGE

A useful new accessory is this pack of ten functioning BSI-style couplers, with NEM plugs, which will allow Bachmann's Class 150/158/159 diesel multiple units to be coupled together.
Price: £16.95



MORE WAGONS SLATED FOR 'OO9'

009 GAUGE

For 'OO9', new versions of the Bachmann Narrow Gauge slate wagon packs will be offered. The triple-packs will be available in red or grey, each with slate loads.
Price: £48.95 per pack



ARMY VAN FOR MEMBERS ONLY

00 GAUGE

Bachmann Branchline's VEA 'Vanwide' van is to be made available exclusively to Collectors Club members in MoD green. The Ministry of Defence operated a large number of these wagons, after acquiring them from BR in the 1980s.
Price: £39.95 each
Web: *www.bachmann-collectorsclub.co.uk*



Airbrushes.com

Airbrush Equipment, Paints, Accessories, Training & Servicing

iwata

For any airbrush project, we have you covered!



IW-ECL-350T

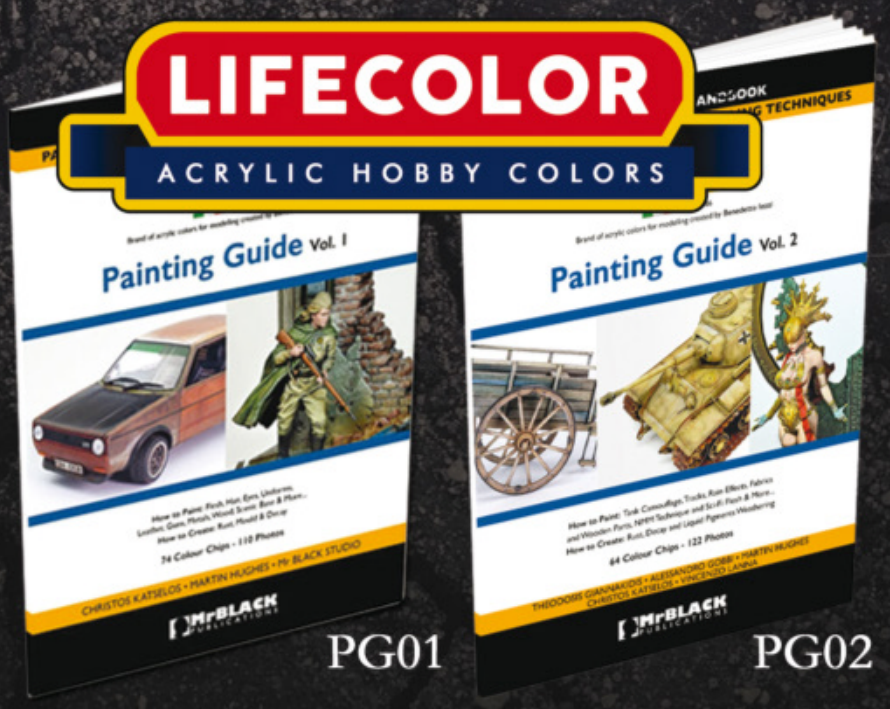
Iwata Takumi Eclipse Airbrush



Iwata Airbrush Cleaning Kit



Medea Thread Sealer



PG01 PG02

LifeColor Painting Guides

LIQUID PIGMENTS · Alclad II · DARKSTAR MOLTEN METALS · SPARMAX

www.Airbrushes.com 01903 767800 sales@airbrushes.com

BR '3MT' TO COME FROM LIONHEART TRAINS

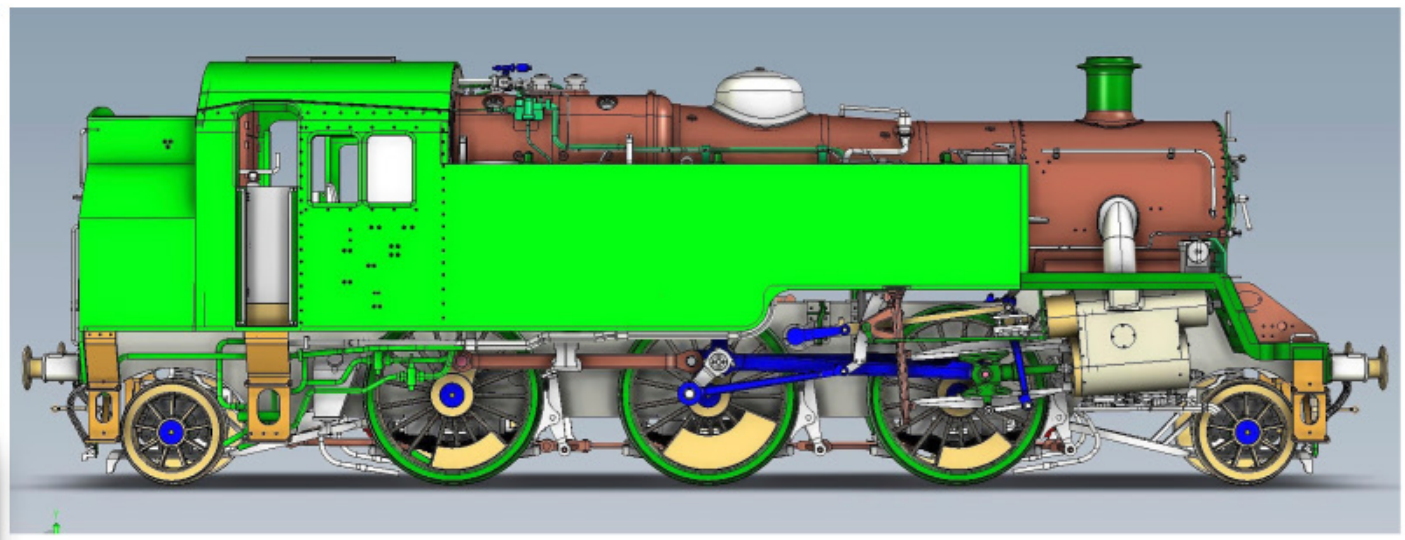
GAUGE O

The designers at Lionheart Trains have been working on a British Railways Standard Class 3MT 2-6-2T, which is expected to arrive on shelves next Spring. A variety of livery and number options will be available, including a few unnumbered versions for easier customisation.

Produced by Dapol, the '3MT' will feature a high level of detail and will be powered by a sturdy five-pole motor. It will also include many of the modern features that we've come to expect, such as flickering firebox effects, plus opening cab doors and an easily removable cab roof, held in place by mini magnets. For DCC users, a 21-pin DCC interface will be provided, although DCC-fitted and sound-fitted options will also be available off-the-shelf.

Prices start at £575.00 and models can be pre-ordered from Dapol/ Lionheart Trains stockists now.

Web: *www.lionhearttrains.com*





COLOUR RAIL

DAPOL ANNOUNCES NEW VERSIONS OF CLASS 08

GAUGE O

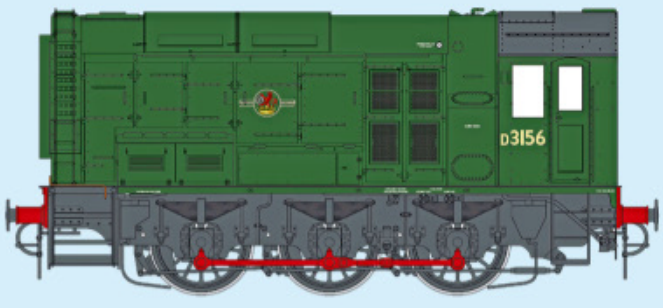
Dapol released its first 7mm scale '08s' back in 2017 to great fanfare, and several new versions have recently been announced. Once a ubiquitous sight on the British Rail network, the 'Gronks' endeared themselves to railway staff and enthusiasts alike, with many examples still at work today, 70 years after the first shunters entered traffic.

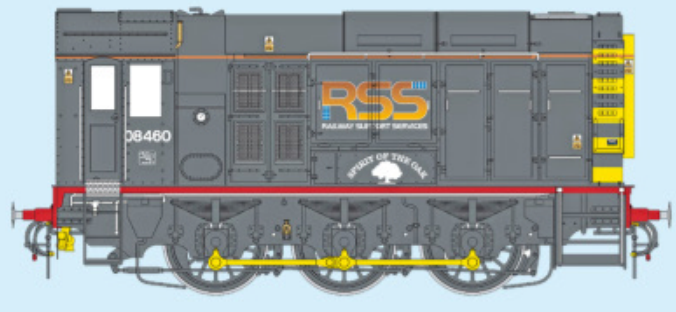
Dapol's new versions include both hinged and flush bonnet doors and cover the 1960s-1990s era of BR operation. There's also a more up-to-date livery option, depicting Railway Support Services' 08460. Each model will be available in DCC-ready, DCC-fitted and DCC sound-fitted format.

What's planned?

- 7D-008-018 Class 08 D3156 BR green, late crest, no 'wasp' stripes
- 7D-008-018U Class 08 unnumbered, BR green, late crest, no 'wasp' stripes
- 7D-008-019 Class 08 D3201, BR green, late crest, 'wasp' stripes
- 7D-008-019U Class 08 unnumbered, BR green, late crest, 'wasp' stripes
- 7D-008-020 Class 08 08538, BR blue, 'wasp' stripes
- 7D-008-020U Class 08 unnumbered, BR blue, 'wasp' stripes
- 7D-008-021 Class 08 08460 *Spirit of the Oak*, RSS grey

When's it due? Winter 2022
Price: £232.88-£412.97 each
Availability: Dapol stockists
Web: *www.dapol.co.uk*





NEW 'GRAMPUS' VERSIONS ON THE WAY

N GAUGE

Dapol has received livery samples for its forthcoming batch of 'N' gauge BR 'Grampus' wagons, which are forecast to be on sale later this year. The full spectrum of BR liveries will be on offer, from original black to olive green, Gulf red and 'Dutch' grey/yellow.

Price: £17.95 each





In Brief

HM QUEEN IN '00'

00 GAUGE

To coincide with the Platinum Jubilee, Osborn's Models is offering a limited edition, pre-painted figure of HM Queen Elizabeth II, attired in purple. Priced at £5.95 each, other related figures are also available to produce a Jubilee-themed cameo scene, including Royal Guards, Prince Charles and the current Prime Minister. A circus clown is also available.

Web: *www.osbornsmodels.com*



TWICKENHAM MRC OPEN DAY RETURNS

After an enforced break of two years, Twickenham MRC will be hosting its annual open day on July 30, from 10am to 4pm. There's no admission fee, but donations are welcome and several of the club's layouts will be up and running, including 'Addison Road', a well-known 7mm scale exhibition layout. The club's premises are at Kerswell Hall, Wills Crescent, Hounslow TW3 2JF.

Web: *www.tdmrc.org.uk*



EXCLUSIVE Mk 2b PACK WILL FEATURE RTC LIVERY

The latest addition to the range of Accurascale Exclusives – models only available direct from Accurascale – will be a twin-pack of BR Mk 2b coaches in RTC red/blue livery. The BR Railway Technical Centre colour scheme has been a favourite with modellers of the post-1980 BR scene, so these coaches are bound to be popular. Portraying a pair of brake force runners, the coaches were transferred to the RTC in 1987 and received Test Service Vehicle branding over the colourful livery.

Strictly limited to 400 sets and presented in special packaging, the coaches will feature the same high specification as the rest of the forthcoming Mk 2b range, including interior lighting with 'stay alive' capacitors for flicker-free illumination.

Sets can be pre-ordered now, for just a £30 deposit, via the Accurascale website.

When's it due? Winter 2022
Price: £119.90 per twin-pack
Availability: *www.accurascale.co.uk*

HAND-BUILT '85' FROM LEICESTER MODELLERS N GAUGE

The trusty AL5/Class 85 Bo-Bo was a popular 25KV electric locomotive and a mainstay of West Coast Main Line operations up to the late 1980s. Leicester Modellers is offering a bespoke ready-to-run, DCC-ready model in 'N' gauge, featuring the class in its later guise. Hand-built and fully finished to order, DCC sound-fitted options are also available. Delivery can take up to eight weeks and prices start at £275.00.

Web: *www.leicestermodellers.wixsite.com/website-1*



HYTHE PIER RAILWAY CENTENARY CELEBRATION

Hythe Pier Heritage Association (HPHA) will celebrate the centenary of the Hythe Pier over the weekend of July 23-24. The narrow gauge railway has been trundling along the 700-yard pier since July 1922, carrying passengers to and from the ferry boats that ply to Southampton from the village of Hythe. It holds the record for the oldest electric train in the world continuously operating on a pier. A model railway exhibition will be held in the nearby community centre, with other heritage railway associations present in the village.

Web: *www.hythepier.org.uk*



In Brief

'TINGS' IS GO! N GAUGE

The International N Gauge Show (TINGS) will take place on September 10-11 at the Warwickshire Event Centre. As usual, there's a very strong line up of over 25 'N' gauge layouts, encompassing UK steam and modern image, along with North American and Continental subjects. Over 30 specialist suppliers are expected to attend, making it an essential event for all 'N' gauge modellers. At present, all tickets must be booked in advance and they may not be available on the day, although this policy is due for review in August.

See *www.ngaugeshow.co.uk* for more information.

HARDER & STEENBECK









PAINT EASY THE HARDER WAY

www.harder-airbrush.eu

CORNISH '08' – EXCLUSIVELY FROM KERNOW

N GAUGE

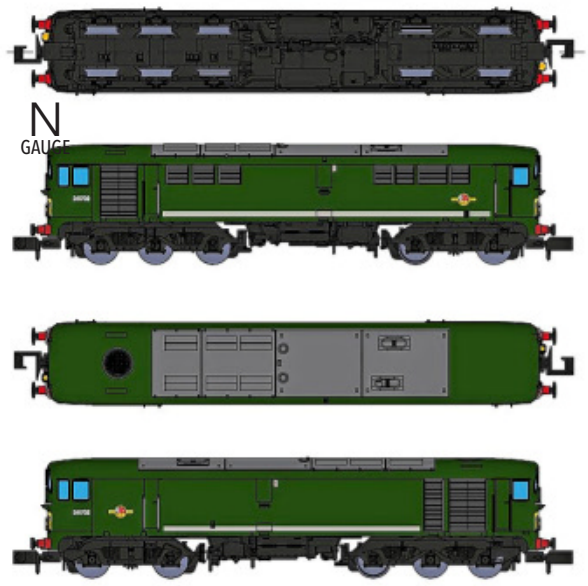


Kernow Model Rail Centre has commissioned an exclusive version of the Graham Farish Class 08, depicting 08645 *St Piran*. Decorated in the black and white Cornish flag livery, as applied in 2019 at GWR's Long Rock depot, Penzance, the '08' is named after Cornwall's patron saint.

Based on the recently upgraded Farish model, the '08' features a Next18 DCC decoder socket and factory-fitted speaker, although a sound-fitted option will also be available.
Price: £144.95 (£244.95 sound-fitted)
Availability: *www.kernowmodelrailcentre.com*

KERNOW/RAPIDO'S 'THOMAS' CLASS 28

N GAUGE



Immortalised in Rev W. Awdry's *Thomas the Tank Engine* stories, 'Co-Bo' D5702 is to be offered as a Kernow/Rapido Trains exclusive model. Featuring BR green livery, with small yellow panels, the model will be produced in tandem with Rapido's own run of Class 28 'Co-Bos'. Featuring a Next18 DCC socket and plenty of detail, a sound fitted option will also be offered.

Models are due to appear towards the end of the year and pre-orders are being taken now.
Price: £119.95 (£215.95 sound fitted)
Availability: *www.kernowmodelrailcentre.com*

MORE 24T HOPPERS ARRIVE – INCLUDING EXCLUSIVE VERSION

00 GAUGE

A second production run of Accurascale's 'OO' BR 24T hoppers has arrived with Accurascale stockists, offered in a variety of triple-packs at £69.95 each, with each model featuring individual numbers and unique livery details.

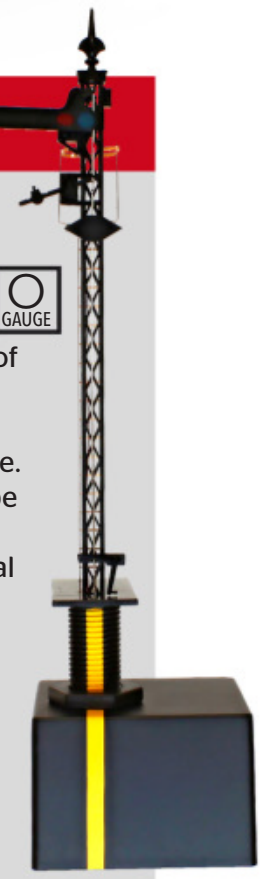
Also arrived is Accurascale's exclusive version of the unique HUO, B335028, the only known hopper to receive bauxite livery – an unusual occurrence for non-vacuum brake-fitted wagons. Only 500 of these single-wagon packs have been produced, with each supplied in special packaging with a numbered certificate. At £24.94 each, they're available only via the Accurascale website.
Web: *www.accurascale.co.uk*



In Brief

SR SIGNALS NOW UNDER DEVELOPMENT

O GAUGE



Dapol has been developing a range of working Southern Railway semaphore signals for 7mm scale. Three versions will be produced initially, portraying traditional latticework and twin-rail post versions. As with previous Dapol working signals, the units will feature self-contained servo motors, making for easy installation.
Price: £60.00 each
Web: *www.dapol.co.uk*

THE IMPORTANCE OF GREAT SCENICS

ANY GAUGE

Scenics and accessories retailer RAILstuff has launched a campaign focused on the importance of scenery in creating a great model railway. The 'Scenery Makes Your Railway' campaign invites modellers to share stories and pictures of a favourite scenic project, and the transformation from track on a board to a more realistic scene. RAILstuff owner Adam Eley said: "Working on the lineside scene is a great outlet for creativity and RAILstuff is dedicated to providing a great range of high-quality, affordable items to help modellers discover the joy of bringing realism to their layout."
Web: *www.rail-stuff.com*

BR EE TYPE 5/CLASS 55 DELTIC

1:76.2 SCALE/00 GAUGE

EM & P4 WHEELS AVAILABLE

IN STOCK NOW

accurascale

MODEL RAIL MODEL OF THE YEAR 2021 — MANUFACTURER OF THE YEAR

MANUFACTURER OF THE YEAR — WINNER 2021 — HORNBY MAGAZINE

DC/DCC READY
£160.00

DCC SOUND
£250.00



EAST COAST THOROUGHBRED

Weighing in at a hefty 850g, our highly anticipated Deltics not only capture the styling and fine details of the real English Electric racehorses, but the haulage capacity too. All at unbeatable value. Check out the remaining range below, available exclusively from Accurascale.



D9004 BR green



D9006 **THE FIFE & FORFAR YEOMANRY**
BR green (full yellow ends)



D9007 **PINZA**
BR green



D9010 **THE KING'S OWN SCOTTISH BORDERER**
BR green (full yellow ends & double arrows)



D9014 **THE DUKE OF WELLINGTON'S REGIMENT**
BR green (full yellow ends)



D9020 **NIMBUS**
BR green (small yellow panels)



D9012 **CREPELLO**
BR blue



D9021 **ARGYLL & SUTHERLAND HIGHLANDER**
BR blue



55001 **ST PADDY**
BR blue



55003 **MELD**
BR blue



55005 **THE PRINCE OF WALES'S OWN REGIMENT OF YORKSHIRE**
BR blue



55017 **THE DURHAM LIGHT INFANTRY**
BR blue

Scan the QR Code or visit our web site to view the Class 55 Deltic locomotives currently available to pre-order and to browse our full range.

www.accurascale.co.uk

All Class 55 models feature

- High level of detail
- Die-cast chassis
- Five-pole motor with twin flywheels
- DCC ready & DCC sound (ESU loksound v5) options
- Details specific to individual prototypes
- High fidelity metal and plastic parts
- Sprung metal buffers
- Helical gears for maximum performance
- Comprehensive lighting functions
- Provision for conversion to EM & P4 with replacement drop in wheelsets available separately
- And more!



HAVE A QUICK TRIM

00 GAUGE HO SCALE

This useful pack by Busch provides a fast way to create a cameo scene that is rarely modelled: the garden hedge has started to look a bit messy, so the local gardener has been engaged to trim it. The pack includes an 11cm length of partially cut hedge, plus leaf debris.

The figure with the hedge trimmer can be positioned at various locations along the length of the hedge with the cuttings randomly positioned on the floor. There are also six garden tools and a wheelbarrow supplied. ***(PM)***

PRODUCT: Busch 7974 Hedge Cutting Action Set
COST: £16.99
SCALE: HO/OO
AVAILABILITY: *www.goldenvalleyhobbies.com*



PECKETT FOOTPLATE CREW

Two new packs of footplate crew have been launched by Modelu, designed specifically for Hornby's 'OO' Peckett 0-4-0ST and 0-6-0ST. Comprising driver and fireman figures, plus details such as hand lamps, oil cans, shunting pole, shovel and tools, each provides slightly different poses and clothing. So, if you have more than one Peckett on your layout, the crew don't have to look the same!

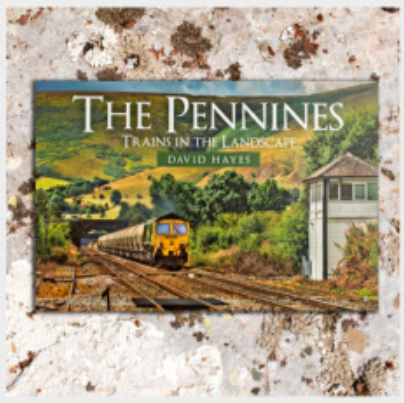
While the figures fit the Peckett cabs perfectly, they'll look at home on many other industrial steam locomotives. They're also available in other scales, from 'N' to 16mm.
Product: 11203/4 Peckett Crew Packs 1 & 2
Price: From £13.20 per pack
Availability: *www.modelu3d.co.uk*

Modeller's Bookshelf

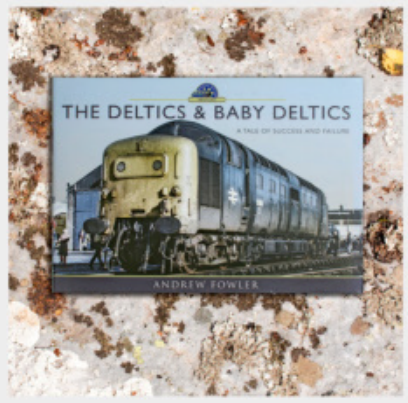
Four more new titles that have provided *Model Rail's* editor with plenty of inspiration.



Anyone with an interest in the East Coast Main Line – and Doncaster in particular – will appreciate this album of nearly 200 images of steam traction from the 1960s. Virtually all are colour shots, depicting the variety of locomotives and services around the station and surrounding areas, including the various collieries, ironstone mines and the famous 'Plant' works. The detailed colour shots offer great reference material for weathering projects and the captions offer plenty of useful information.
Book: *Steam Around Doncaster in the 1960s*, by Keith W. Platt (Amberley)
Price: £15.99
www.amberley-books.com



Presented in landscape format, this beautiful book provides a range of stunning images of the modern railway. Locations include Buxton, Chinley and the Hope Valley, Copy Pit and Stand-edge routes, plus the Settle-Carlisle, Shap and other scenic northern routes. There's a real mix of traction, portrayed in rural and urban settings, with some wonderfully artistic compositions, many of which portray familiar locations in a very different way.
Book: *The Pennines – Trains in the Landscape*, by David Hayes (Amberley)
Price: £17.99
www.amberley-books.com



Covering the genesis and development of the 'Deltic' prototype and the subsequent roll-out of the single and twin Napier engine locomotives, this pictorial history combines many useful images and text to tell the story of success (Class 55) and failure (Class 23). Each of the 22 production 'Deltics' is illustrated, providing a handy one-stop resource for modellers. This book has certainly proved useful while reviewing Accurascale's new models (see page 86)!
Book: *The Deltics and Baby Deltics* by Andrew Fowler (Pen & Sword)
Price: £25.00
www.pen-and-sword.co.uk



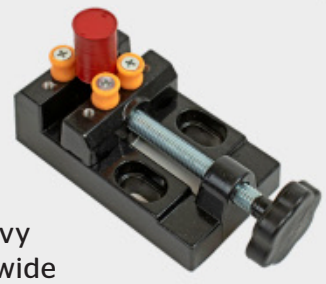
Many railway modellers also share an interest in ships and ports, as the two modes of transport have always been inter-related. This hardback book presents a useful history of London's docks and shipping between the 1940s and 1980s. It's inevitably a tale of decline, but the excellent black and white images contain a wealth of visual information for dock-themed layout builders. Dock infrastructure and a vast range of shipping – from Thames barges to oil tankers – are illustrated.
Book: *Shipping on the Thames* by Malcolm & Reg Batten (Pen & Sword)
Price: £30.00
www.pen-and-sword.co.uk



ON THE WORKBENCH

George Dent looks at the new products to land on his workbench this month

HANDY LITTLE UTILITY VICE



This small, lightweight metal vice falls into the 'cheap and cheerful' category. It may not be suitable for holding heavy objects, but the 60mm wide aluminium jaws are ideal for holding smaller parts and softer materials, such as plastic, brass and wood. With a maximum opening of 50mm, the jaws can also be fitted with four plastic pins, fixed with crosshead screws, to allow round or irregularly shaped objects to be gripped securely. The vice itself can also be bolted to a work surface if desired.

Product: Flat mini bench vice
Price: £10.99
Availability: *www.amazon.co.uk*

AIRBRUSH NOZZLE CLEANER

Resembling a sinister miniature weapon, this pointed reaming tool is designed for cleaning debris and dried paint from inside of an airbrush's nozzle. While it's not a tool that one hopes to need regularly, it's a useful – and cheap – addition to the toolbox. If your airbrush is showing signs of a blockage, despite cleaning out the innards carefully, then the problem may be lurking within the fine, conical nozzle, which can be difficult to clean out. Soaking in thinners is one option, but a gentle reaming with this tool will do the job in seconds. Avoid using excessive force, lest the nozzle aperture be deformed. A quick flush with cleaning fluid will complete the job. The screw-on cover means that the tool can be stored safely.

Product: Airbrush nozzle reamer
Price: £4.99
Availability: *www.scale modelshop.co.uk*



PRECISION PLASTIC GLUE

This all-new glue formula from Deluxe Materials is designed for use with plastic kits and components. Offering precise application via the pinpoint needle, the glue is practically odourless and non-toxic, with a 10 second working time to allow easy spreading and positional adjustments. It promises to bond all types of styrene and similar plastics, as found in typical kits, and the glue has been chemically engineered to resist clogging the needle.

Supplied in an innovative bottle, which is stable and less prone to spillage. Initial results have been impressive, but we'll be running a thorough review of this glue next month, following more exhaustive testing.



Soon to be available from all good model shops, the glue is distributed in the UK by Gaugemaster.

Web: *www.gaugemaster.com*

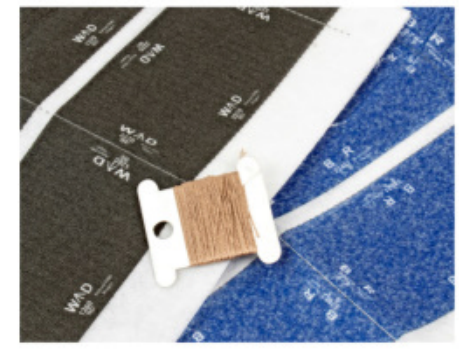


WAGON TARPAULINS

00 GAUGE

Geoscenics has expanded its range of easy-to-fit wagon tarpaulins to include War Department markings and blue sheets for BR-era china clay traffic. Each pack contains 16 sheets, which simply require cutting out and folding before installation. Scrunching up the material tightly and then flattening it again adds some welcome texture and a spool of fine cotton thread is also provided to act as securing ropes. A demo of installing similar Geoscenics wagon sheets appeared in MR282 (January 2021).

Price: £12.50 per pack
Availability: *www.geoscenics.co.uk*



CARD KIT HEAVEN

If you enjoy building card kits then the Schreiber-Bogen range is certainly worth investigating, especially if you fancy something a little different. The 2022 catalogue contains everything from spectacular European castles to the Statue of Liberty, Eiffel Tower and Big Ben. There's also a host of more mundane European architectural subjects in 'HO', plus various ships, aircraft and even cats, in a variety of scales. Railway subjects are not overlooked, and the Berlin S-Bahn 'HO' set looks especially good.

Web: *www.schreiber-bogen.com*



EXHIBITION DIARY – JUNE – JULY 2022

(ALL SUBJECT TO GOVERNMENT GUIDANCE ON COVID-19)

June 10 & 11

TAUNTON, SOMERSET. Taunton Model Railway Group Exhibition and Open Day, Bishops Lydeard Station, Platform 1, West Somerset Railway, Taunton TA4 3BX. **Time:** 1030-1630. Small admission charge will apply. **Tel:** 07879 852736. **Web:** *www.tauntonmodelrailwaygroup.co.uk*

June 11

BURTON-UPON-TRENT, STAFFS. The 7mm Narrow Gauge Association Annual Exhibition. Burton Town Hall, King Edward Place, Burton-upon-Trent DE14 2EB. **Time:** 1030-1630. **Admission:** Adult £5, 7mm NGA members £3, partners and children free. **Web:** *www.7mmnga.org.uk*

NORTHFLEET, KENT. Gravesend Railway Enthusiasts' Society (GRES) Open Day, Northfleet School for Girls, Hall Road, Northfleet, Kent DA11 8AQ. **Time:** 1000-1700. **Admission:** Free entry, donations gratefully accepted. **Tel:** Henry Harryman: 01322 370148. **Web:** *www.gres.org.uk* **Facebook:** Gravesend-Railway-Enthusiasts-Society. **Twitter:** *@GRES_*Gravesend

June 11 & 12

SHEPTON MALLETT, SOMERSET. Shepton & District MRS, Mendip 2022, Shepton Scout Hall, Adjacent to Shepton Mallett FC, Old Wells Road, West Shepton BA4 5XN. **Times:** Sat 1030-1630, Sun 1000-1600. **Admission:** £5. **Web:** *http://sheptonmrs.wordpress.com*

June 18

ALRESFORD, HANTS. Festival of Toy Trains, Perins School, Pound Hill, Alresford SO24 9BS. **Time:** 1030-1630. **Admission:** Adult £8, child £2, family (2+2) £15. Early entry to sales hall 0900 £10. **Web:** *www.alresford-toy-trains.org.uk*

FERRYHILL, CO. DURHAM. Bishop Middleham Co. Durham Exhibition, Rotary Newton Aycliffe and Shildon MRC, Village Hall, Front Street, Bishop Middleham, Ferryhill DL17 9AJ. **Time:** 1000-1700. **Admission:** Adults £4, children 50p, wheelchair users free, free parking. **Web:** *www.newtonayclifferotary.org.uk*

STAFFORD. Stafford Midsummer Model Railway Exhibition, Berkswich Methodist Church Hall, The Rise, Stafford, Staffordshire ST17 0LH. **Time:** 1000-1600. **Admission:** Adults: £5, accompanied children under 16: free. Free parking. Refreshments. **Web:** *www.staffordrailwaycircle.org.uk/stafford-midsummer-model-railway-exhibition/*

June 18 & 19

DERBY. 2mm Finescale Association Diamond Jubilee Exhibition, Derby Conference Centre, London Road, DERBY DE24 8UX. **Times:** Sat 1000-1700, Sun 1000-1600. **Admission:** 2mm Association members £5, non-members £8. **Email:** *events@2mm.org.uk*. **Web:** *www.2mm.org.uk*

MERE, WILTS. Mere & District Railway Modellers Mere Model Railway Exhibition, Mere Lecture Halls, Salisbury Street, Mere BA12 6HA. **Times:** 1000-1600 both days. **Admission:** Adults £5, children free if accompanied by an adult. Free car parking in Mere. Disabled access. Refreshments. **Email:** *tomsnook29@hotmail.co.uk*

NEW FOREST, HANTS. Exbury Gardens and Steam Railway Father's Day Model Railway Expo, Exbury Gardens, Exbury, New Forest, Hampshire SO45 1AZ. **Time:** 1000-1600. **Admission:** Free with gardens admission or membership. **Web:** *www.exbury.co.uk* **Tel:** 023 8089 1203. **Email:** *info@exbury.co.uk*

June 23

EASTLEIGH, HANTS. The Southampton Summer Exhibition, Barton Peveril College, Chestnut Avenue, Eastleigh, Hampshire, SO50 5ZA (for satnav use SO50 5BX). **Time:** 1000-1700. **Admission:** Adults £5, accompanied children free. Disabled access to all areas. **Contact:** David Barker 01489 799809 most evenings. **Web:** *www.southamptonmodelrailwaysociety.wordpress.com*

June 25

BIGGLESWADE, BEDS. Trains at Trinity, Shortmead St, Biggleswade SG18 0AP. **Time:** 1030–1630. **Admission:** Adults £5, children 5-16 £3, under-5s free. **Web:** *https://trainsattrinity.wordpress.com/*

EGHAM, SURREY. Egham & Staines Model Railway Society, E&SMRS Clubhouse, Hummer Road (Tesco) Car Park, Egham Town Centre TW20 9BW. **Time:** 1100-1600. **Admission:** Free. **Email:** Keith Martin *eghamandstaines.postman@yahoo.com* **Tel:** 07826 724 063. **Web:** *https://esmrs.weebly.com*

WEST CAMEL, SOMERSET. West Camel Model Railway Society Summer Open Day, Davis Hall, West Camel, Somerset BA22 7QX. **Time:** 1000-1530. **Admission:** Adults £3, juniors £1. Full disabled access. Light refreshments available. **Email:** *charliebishop@hotmail.co.uk*

July 2

BEACONSFIELD, BUCKS. Beaconsfield Model Railway Exhibition, The Beaconsfield School, Wattleton Road, Beaconsfield, Bucks HP9 1SJ. **Time:** 1030-1630. **Admission:** Adults £6, children £3. **Tel:** Roy Jackson 01753 643724. **Web:** *www.beaconsfieldmrc.org* **Organised by:** Beaconsfield & District Model Railway Club

July 2 & 3

PENARTH, SOUTH GLAMORGAN. Barry and Penarth MRC Exhibition, Cyres School, Sully Road, Penarth CF64 2TP. **Times:** Sat 1000-1630, Sun 1000-1600. **Admission:** Adults £5, children (under 14) £3, under-5s free. **Web:** *https://bpmrc.club*

July 9

PEVENSEY BAY, EAST SUSSEX. Pevensey Bay Model Rail Exhibition, Victoria Baptist Church, Eldon Road, Eastbourne BN21 1UE. **Time:** 1000-1630. **Admission:** Adults £6, children (5-15) £1, family £12. Free parking and disabled access. **Email:** *pbmrc@outlook.com* **Web:** *www.pevenseybaymodelrailwayclub.com* **Tel:** 07774 185651

THETFORD, NORFOLK. Thetford & District Model Railway Society, The Charles Burrell Centre, Staniforth Road, Thetford, Norfolk IP24 3LH. **Time:** 1000-1600. **Admission:** Single £5, family (2+2) £10, accompanied children free. Large free car park, café, easy access – all on one level. **Tel:** Dick 07951 078006. **Email:** *showchair@tdmrs.co.uk* **Web:** *www.tdmrs.co.uk*

July 16

FILEY, NORTH YORKS. Filey Model Railway Show, St Johns Church, West Avenue, Filey YO14 9AU. **Time:**-1000-1630. **Admission:** Entry by donation, children free. **Tel:** Chris Martin 01723 870166.

...and finally



Unusual scenes captured by the lens of **Chris Nevard**...

While planning the photography for last month's cover shot, we tried out lots of ideas – but we felt that this outtake didn't quite encapsulate the *Model Rail* ethos. Nevertheless, the little people had great fun breaking all sorts of health and safety rules posing for the photograph.

● No tiny people or horses were harmed in the composition of this photograph.



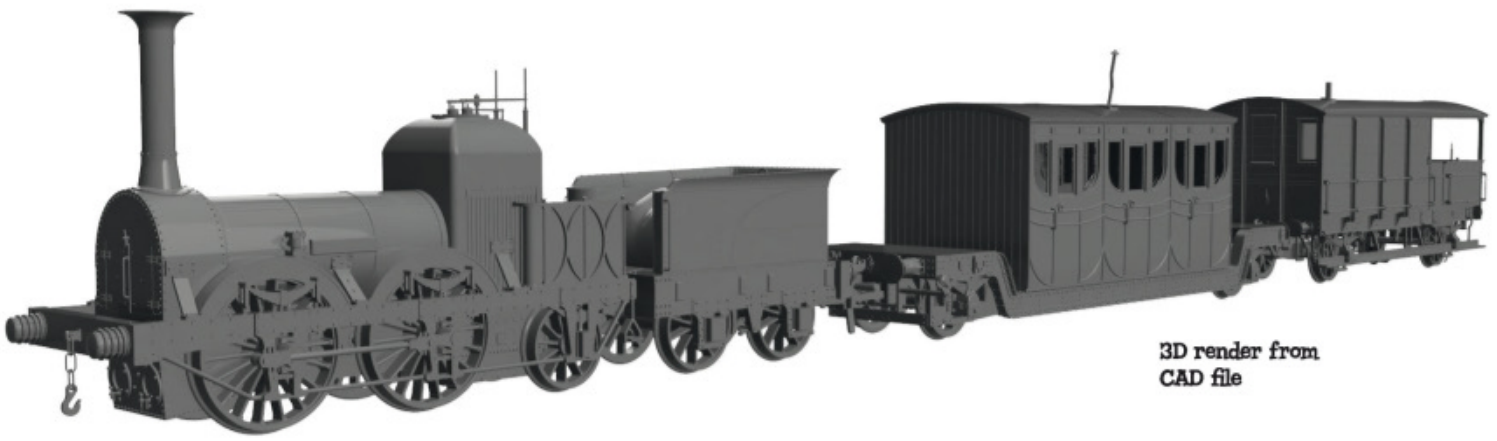
A stunning range of all-new 1:76 scale models
so that you can re-create
this classic film – and officially licensed from

STUDIOCANAL
A CANAL+ COMPANY

Starring:

- Thunderbolt
- 'Loriot Y' with Dan's House
- 'Toad' No. W68740

Available in two collectable train packs



3D render from CAD file



3D render from CAD file

Guest Starring:

- Wisbech & Upwell tramcar
- Pearce & Crump's Bedford OB



render

Coming soon:
- Highly collectable
- Stunning detail
- Non-Titfield liveried models with detail differences also available

Order from www.rapidotrains.co.uk or your local Rapido Trains UK stockist

RAPIDO TRAINS UK

Staff Show & Tell

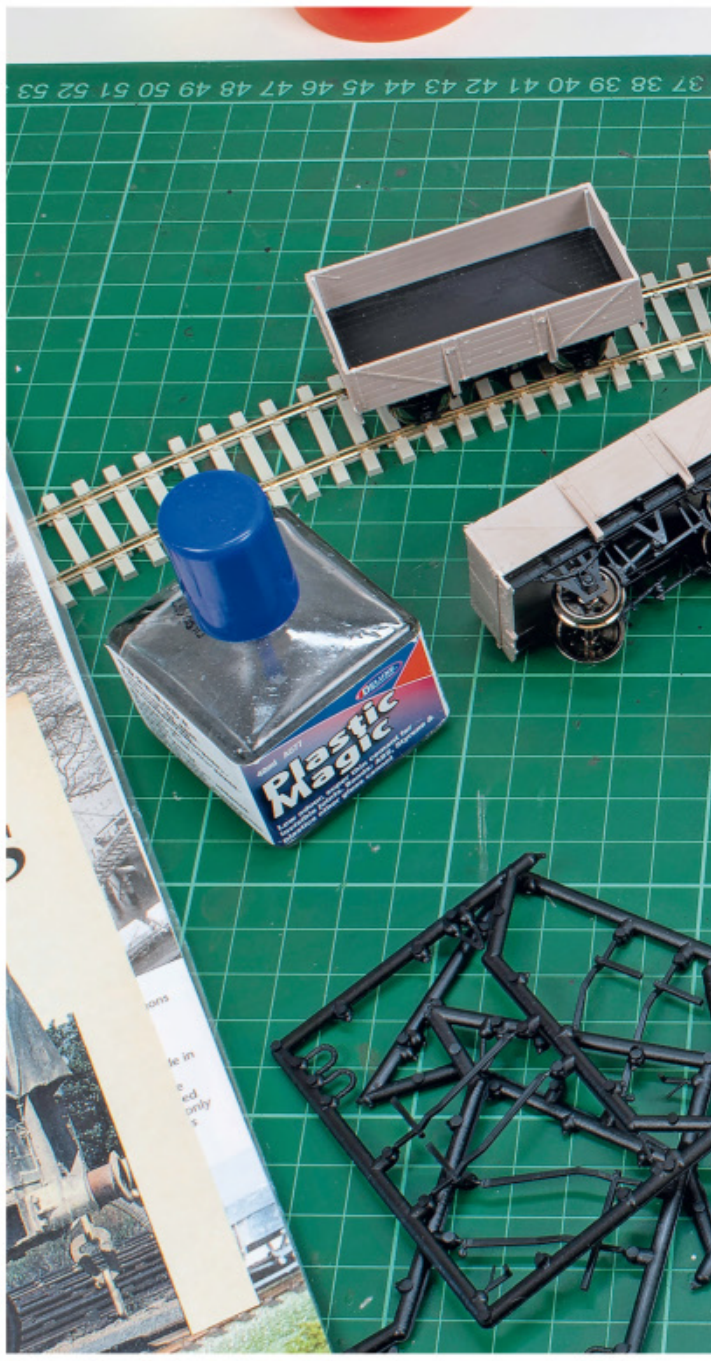
Hoods, wheels and switches

George Dent has been busy building an entire rake of china clay wagons, while still squeezing in a little progress on his new layout.

In between a fair amount of travelling this past month, I've managed to cram in some assembly line work on a ten-wagon rake of china clay open wagons, built from the former Ratio plastic kits now under the Parkside by Peco umbrella. Intended to complement my existing fleet of flat-sheeted clay wagons, the plan is to equip these new additions with the peaked style of tarpaulins, forming a rake of 'Clayhoods'. A *Model Rail* reader offered an interesting method of creating the distinctive hoods, which I'm curious to try for myself – look out for more on this subject in a future issue.

As I mentioned last month, while testing Parkside's new BR 13T hopper wagon kits, the supplied wheels were disappointing. Indeed, the same is true for these ex-Ratio kits, so a bunch of metal wheels was duly ordered from Peter's Spares. However, this has raised a small issue, as the diameter of the new wheels is a fraction larger than those supplied with the kit. Not a lot to make much of a visual difference, but just enough to mean that the kit's brake gear no longer fits without a degree of fettling. Despite the extra labour, the improvement in performance has made it worthwhile and, with basic assembly almost complete, it'll soon be time for the painting to begin.





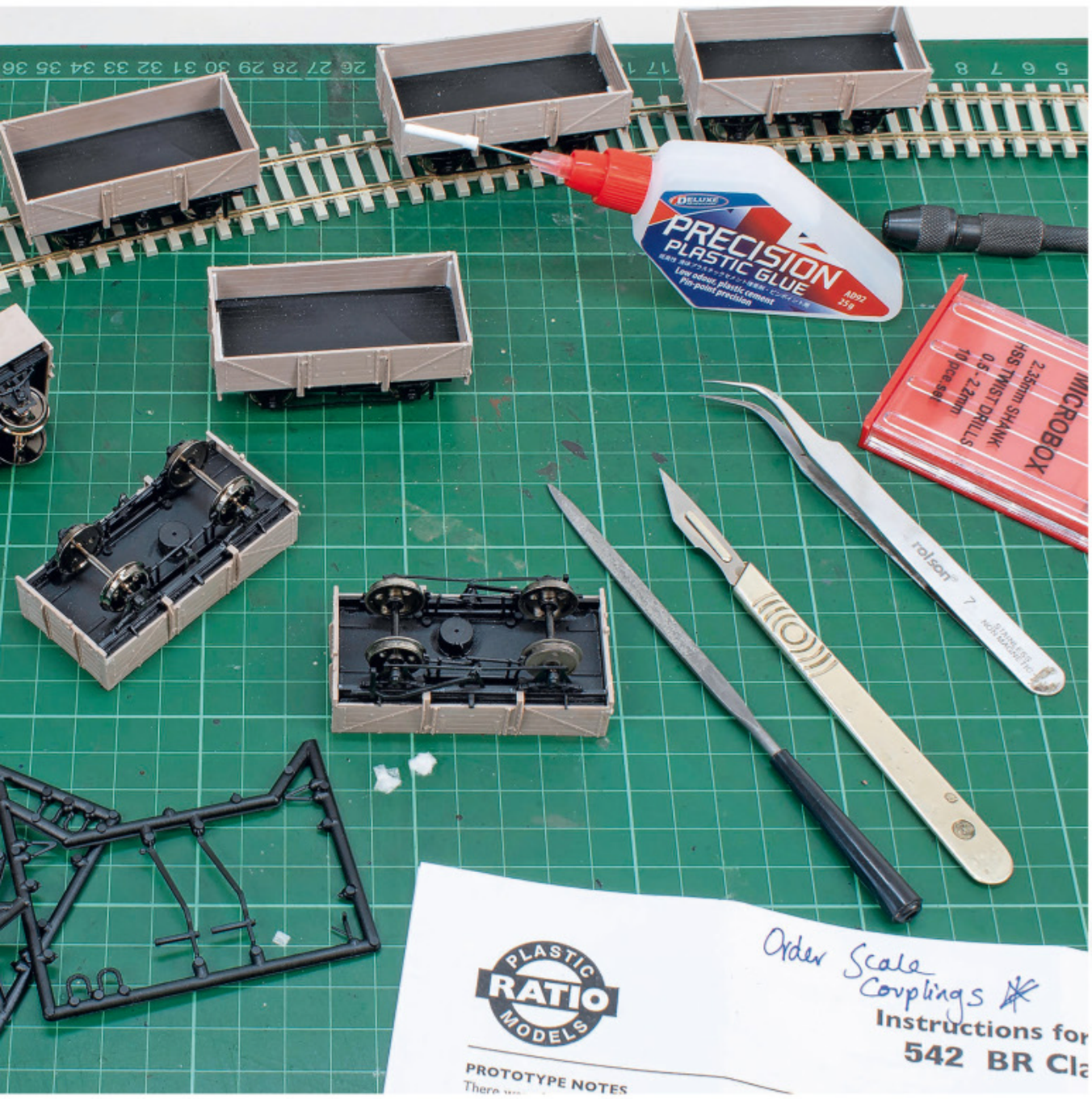




Doing the groundwork on 'Lisburn Lane'

There is some progress to report on my 'Lisburn Lane' layout, with the foamboard sub-base (containing the track and platform) now bonded permanently to the main baseboard. Furthermore, the control panel has been constructed and the switches and controller are ready to receive their various cables. The slow-action point motors are due to be installed during the next working session, and attention can then turn to the traverser fiddleyards.





A SCENE FROM PRE- RAILWAY DAYS

MR's art editor **Matthew Hunt** has been busy creating an Anglo Saxon diorama with his son Salix.

Inspired by a visit to Sutton Hoo, my son Salix decided to build a diorama of a Saxon scene depicting a skirmish between Vikings and Saxons.

The base is an offcut of insulation board, onto which Salix added layers of corrugated cardboard to form contours. Once dried, we smoothed over a basic filler and Salix created areas of rock that he wanted left exposed. The next day, using PVA glue, he stuck the grass scatter, avoiding the rocky outcrops (black-washed and dry-brushed with white to add contrast). When the PVA had dried, grass tufts and individual rocks were added. To finish things off, trees and bushes were glued on and a 4Ground laser-cut building added. **The figures have been ordered and will be painted soon to complete the Anglo Saxon Diorama.**



Cabin fever

With the ice hockey season already over and the football season complete by the time you're reading this, I've had a lot more time to work on projects around the house and with modelling, both on my own projects and ones for my fiancée.

The biggest project has been adding blinds to the windows and doors in my cabin, prior to installing the electrics. After measuring them several times to ensure I had them all correct (the old 'measure twice and cut once' saying was prevalent in my mind) I ordered them on Monday and the five custom blinds were delivered on the Friday. As excited as I was to fit them, a word of caution for anyone else who has a log cabin: it's very important not to screw two logs together in order to allow them to move with temperature fluctuations. With this in mind I bought some slightly shorter screws than the ones provided so that the blind would just go into the frame rather than the wall as well. Again, I took my time and measured everything twice to ensure the blinds were level.

Once they were done I moved on to finish a scratchbuilt stable for my fiancée's 1:32 scale diorama. This proved to be a difficult task as her request for both the roof and one side to be removable for photographs made the structure incredibly weak and it had to be handled with a lot of care. I used LCut strips for the wooden sections and covered the bottom half in stone paper. Once that was done I created the roof and used 'O' gauge roof tiles from Scale Model Scenery to provide a weathered look. The stable doors were made for me by York Model Making. Finally I used some black weathering powder and a fine brush to put some weathering on the stone paper, bringing it more in line with the messy roof and stained wood.



Finally, I've made a start on my project to build the Trent End of the City Ground, the home of the team I support, Nottingham Forest. I haven't got very far with it yet, but now the rest of my projects, and the vast majority of this year's special edition of *Great British Model Railways* is almost completed, it's next on my list!

Show & Tell

The place to share your projects with the *Model Rail* community.

Diorama-arama (1)

A few years ago, I could not resist purchasing a Heljan WM railbus, but with modelling on hold I couldn't run or display it. Deciding not to attempt another layout (which in all probability wouldn't be finished) a compact diorama might suffice. The legendary micro layouts of Chris Nevard were a constant inspiration. The theme for my attempt would be a small halt on a fictitious Great Eastern branch through wildest East Essex, set in 1964, an area of mudflats and tidal creeks associated with children's author Arthur Ransome.

Landermere halt

The baseboard is a collection of MDF offcuts measuring just 1ft 8in by 5in. A short piece of C&L track, ballasted with beach sand to represent clinker ash, the platform is MDF-faced with C&L sleepers. A Hornby 'Annie' coach forms the station waiting room, similar to those seen on the Kelvedon and Tollesbury Light Railway. This was washed many times with thin coats of acrylic after repainting. Various off-the-shelf bits and pieces can also be seen. At last, I had a reasonably authentic setting for the railbus!



The secret water line during track lifting, 1967

With 2020's first lockdown coinciding with glorious spring weather, my thoughts turned to a sequel... The natural progression from my first diorama scene would be to portray the same line, post-closure. The good light meant that construction could be done outside, assisting my dodgy eyesight and not-so nimble fingers!

Again the baseboard – such as it is – is similar to 'Landermere', this time set at different levels. A 12in by 8in photograph forms the backscene, where a piece of Peco Bullhead track with some rails removed runs behind the derelict houseboat. This started out as a 99p purchase from the local seaside gift shop, a garishly coloured vessel sporting a plastic sail. It received a makeover with several coats of black acrylic. The onboard accommodation was fashioned from a coach side, courtesy of one of my many failed projects. In-flight seagulls are from the Dart Castings range, those at rest from a sprue of ducks.

John D. Mann





Diorama-arama (2)

I've just restarted railway modelling after some time working abroad. While the loft was getting sorted, I worked on a couple of dioramas. The coal mining scene uses a Gedling kit and was constructed to practise some basic techniques in 'OO'. The seaside diorama came about because I am contemplating a switch to 'N' gauge. I had never worked in that scale before (or done any resin pouring) so thought I would build a scene to see if I liked it. I did and will start on my full-scale layout in 'N' soon. Hope this is interesting, I very much appreciate the magazine.

Ben Kilhams





Bits and pieces

My layout is made up of odd bits and bobs that I have collected on and off over a period of about 50 years. It's rather old-fashioned, but I enclose a couple of photographs for your perusal just in case it might be of interest to some of your readers.

Fraser Cantrill

Father to son

Congratulations on the 300th edition – and also 25 years – of *Model Rail*. I was a teenager when I picked up my first copy from the local newsagent. Now my son Zack, who's nearly 18 months old, loves to have a read and shout 'Choo Choo!', whether it be steam or diesel. Here he is, having a flick through the 300th edition (and yes, I have bought every copy!).

Andy Sollis



18+

WHAT IS AVAXHOME?

AVAXHOME-

the biggest Internet portal, providing you various content: brand new books, trending movies, fresh magazines, hot games, recent software, latest music releases.

Unlimited satisfaction one low price
Cheap constant access to piping hot media
Protect your downloadings from Big brother
Safer, than torrent-trackers

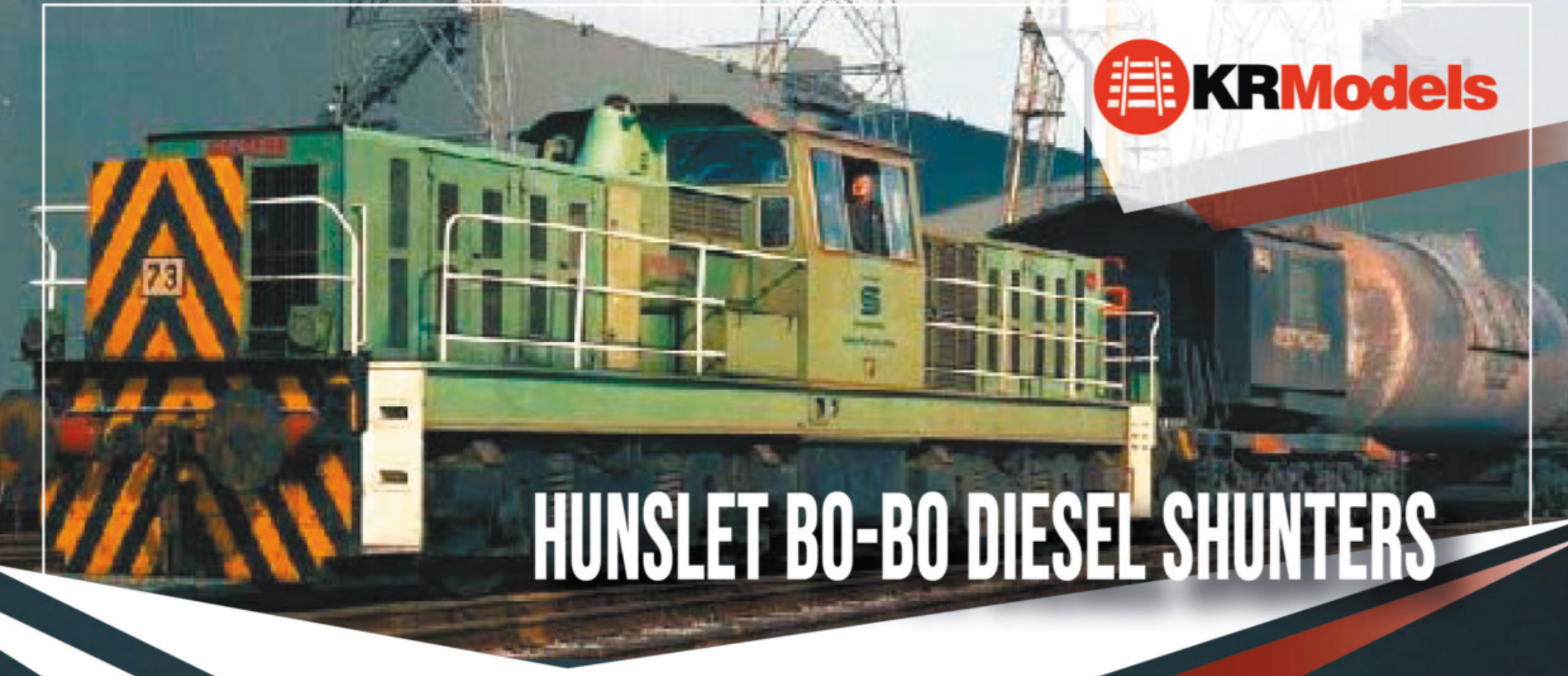
18 years of seamless operation and our users' satisfaction

All languages
Brand new content
One site

AVXLIVE.ICU

AvaxHome - Your End Place

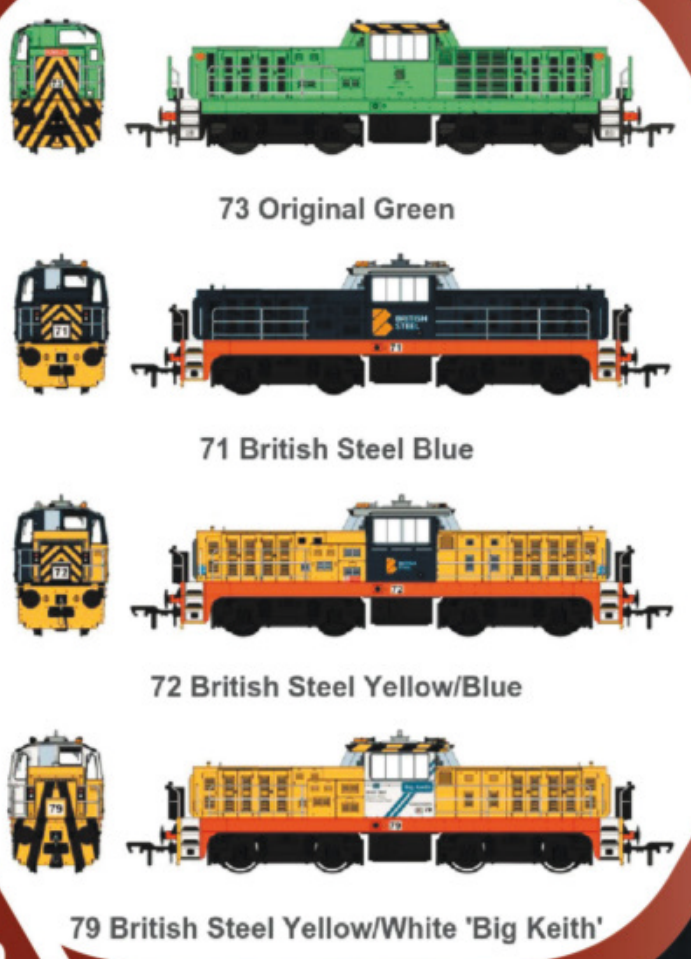
We have everything for all of your needs. Just open https://avxlive.icu



KRModels

HUNSLET BO-BO DIESEL SHUNTERS

Scunthorpe Steelworks ordered 10 Hunslet BO-BO shunters in 1972. After several overhauls and improvements, KR models would like to produce the three remaining units still running in Scunthorpe today. To complement them, the torpedo molten iron wagons will also be available from KR Models.



73 Original Green

71 British Steel Blue

72 British Steel Yellow/Blue

79 British Steel Yellow/White 'Big Keith'

Named locomotives

- 73 Original Green
- 71 British Steel Blue
- 72 British steel Yellow/Blue
- 79 British Steel Yellow/White 'Big Keith'

DCC Ready £180

DCC Fitted £210

DCC Sound £280

Delivery is expected in Summer 2023, this is subject to change

The models will have directional lights in both ends. With a centre-mounted motor, both bogies are driven. As these units are still in operation today in the Scunthorpe steelworks, we have obtaines the sound file from one of the engines.

Order Book Is Now Open

Express your interest at www.krmodels.co.uk



Inside track with Ben Ando

Ben Ando is the founder of Revolution Trains and a regular contributor to *Model Rail*.



As a youngster in the late 1970s, I recall that every locomotive review I read in *Model Railway Constructor* or *Railway Modeller* ended with the familiar phrase that 'the performance of this model will improve with running in.'

I never really gave it much thought.

Birthdays and Christmases would come and, if I was lucky and received a new locomotive, it would immediately be taken upstairs, put on the 'layout' (a roughly laid twin-track oval with no scenery bar a lonely Hornby platform and scratchbuilt balsawood goods shed!) and the controller turned straight to maximum until the smell of ozone filled the air.

Little thought was given to cautious running in. In fact, why should a new model need running in to improve its performance? Shouldn't it just work straight out of the box? Isn't it tested at the factory?

Well, yes and no.

For some of us, railway modelling is engineering in miniature, some care most about visible detail and accuracy, others are more interested in creating a miniature world with the trains as moving accessories, and yet more are simply rekindling happy childhood memories and have no interest in what is going on 'under the bonnet.'

"Why should a new model need running in? Isn't it tested at the factory?"



For the miniature engineers, getting to grips with a troublesome loco – and getting it running sweetly – is an enjoyable part of the hobby.

The rest of us probably find a stalling miscreant utterly frustrating and will remove it from the layout to live out its pitiful existence as a derided 'shelf queen.'

However, since becoming involved in manufacturing I have come to realise that even those of us who have little interest in the engineering side of things will probably enjoy our hobby far more if we learn a little about how our models actually work.

Models in the 21st Century are more detailed and accurate than ever. Manufacturers go to enormous lengths to ensure shapes are right, important variations are depicted and colours or livery elements are correct.

Similar attention to detail is paid to the internals – with sophisticated electronics controlling directional and cab interior lights, smoke generators, sound speakers, working pantographs or roof fans and stay-alive capacitors to mitigate power interruptions caused by dirty or badly laid track.

There are plenty of online tutorials on YouTube showing how to get the best out of model locomotives – from which lubricant to use (if any!) to simple fault-finding and fixes for common issues on certain models.



But what about that new loco you've just bought? That shouldn't require any work, should it?

Well, the chances are that any powered model you purchase from any factory will have had a quick test run, no matter which brand it is.

But this is likely to be just a lap or two of a test oval, in each direction, and is designed purely to check the lights work and that there are no major issues with binding or misalignment with the wheels, motor or drivetrain.

In fact, new models do benefit from a much longer period of running in to allow gears to fully mesh, to spread lubricant through the mechanism, to let bearing parts bed in and to allow kinematic coupler mechanisms to correct themselves if they have been knocked slightly out of alignment in transit.

So, even in 2022, the words of half a century ago are still true: the performance of your shiny new model will almost certainly improve with running in!

Subscribe to MODEL RAIL for just £4.30 a month!*



"*Model Rail* magazine's ethos is to encourage modellers of all ages and abilities to enjoy the world's greatest creative hobby.

Each month, we offer you unrivalled coverage of the most compelling layouts, plus all the latest news, independent reviews and a healthy dose of prototype inspiration. We're happy to answer your modelling questions and provide plenty of clear, step-by-step demonstrations, equipping you with the confidence to have a go yourself." *George*

SUBSCRIBE BY PHONE OR ONLINE QUOTE: **ZIAA**

01858 438884

Lines open Mon-Fri 0830-2130, Sat 0800-1600

www.greatmagazines.co.uk/

PRINT

£4.30 a month when you pay by recurring direct debit *

DIGITAL

£3.99 a month when you pay by recurring direct debit *

SUBSCRIBER BENEFITS

- Read the latest model reviews
- FREE delivery/instant download to your smartphone or tablet
- Get involved in the world's greatest hobby



Call 01858 438884 for our latest digital offers



MODEL RAIL

REWARDS CLUB

Subscribe and become a member of the subscriber exclusive *Model Rail* Rewards Club...

As a subscriber you'll experience a whole lot more for your money. Being a member of our Rewards Club gives you access to exclusive interviews, dedicated photo competitions, giveaways, a first look at selected features prior to publication and much more to enjoy throughout the year.

Completely exclusive to subscribers of *Model Rail*, it's our way of saying thank you for your support. Don't worry if you are already a subscriber – you are automatically a member of our Rewards Club.

◆ Please note that the Rewards Club is only available to subscribers in the UK who have an email address.

FOR OVERSEAS PRICES PLEASE CALL: **+44 1858 438828**

modelrail

Terms & Conditions: Subscriptions will start with the next available issue. The minimum term is 12 months. This offer closes on December 31 2022. This offer cannot be used in conjunction with any other offer. Cost from landlines for 01 numbers per minute are (approximately) 2p to 10p. Cost from mobiles per minute (approximately) 10p to 40p. Costs vary depending on the geographical location in the UK. You may get free calls to some numbers as part of your call package – please check with your phone provider. Order lines open 8am-9.30pm (Mon-Fri), 8am-4pm (Sat). UK orders only. Overseas? Phone +44 1858 438828. Calls may be monitored or recorded for training purposes. For full terms and conditions please visit: *www.greatmagazines.co.uk/offer-terms-and-conditions*


3522
L M S
1

Peaky blinder

Keen to rekindle a passion for modelling picked up in his younger years, **Sam Jones** set about recreating this depiction of the last days of the LMS.

Words: **Chris Gadsby** Photography: **Chris Nevard**



What makes this layout great?

Sam has proved how much a layout can benefit from time spent researching the perfect blend of scenery, rather than just choosing any tone. As it's a Peak District layout there was always going to be a lot of grass, so it was vital that Sam got it right – and he has, resulting in a superb finish.



Finding the time to participate in a hobby can be difficult, particularly as they can be very time-consuming. A round of golf, for example, can easily mean you are out of the house for five hours or more. 'Time-consuming' is certainly a term you'd associate with model railways and it's something that prevents a lot of modellers from building the layout that they'd really want. For Sam Jones, he needed an evening hobby to pass the time when riding his motorbike wasn't an option, and his mind was cast back to when he used to go to a youth club that had a model club on Thursday nights. Now, many years later, Sam has started his modelling again, and not only does he have a high-quality layout but also a committed YouTube following for his work.

"My parents used to drop me off at Armitage youth club on Tuesdays, Wednesdays and Thursday nights so I got full use out of the services. The club was run by Steve Heathcote who did it all voluntarily and was given an MBE for the youth work that he did. I can remember that it was a gardening club on a Tuesday, Wednesday was the youth club and the model railway club was on a Thursday, and it's there that I developed a love for modelling."

Set in the Peak District in 1947 (hence 'Peaks47'), Sam's goal was to create a replica of the final days of the LMS in Derbyshire.

"I was raised in the Midlands and, in my opinion, ➤

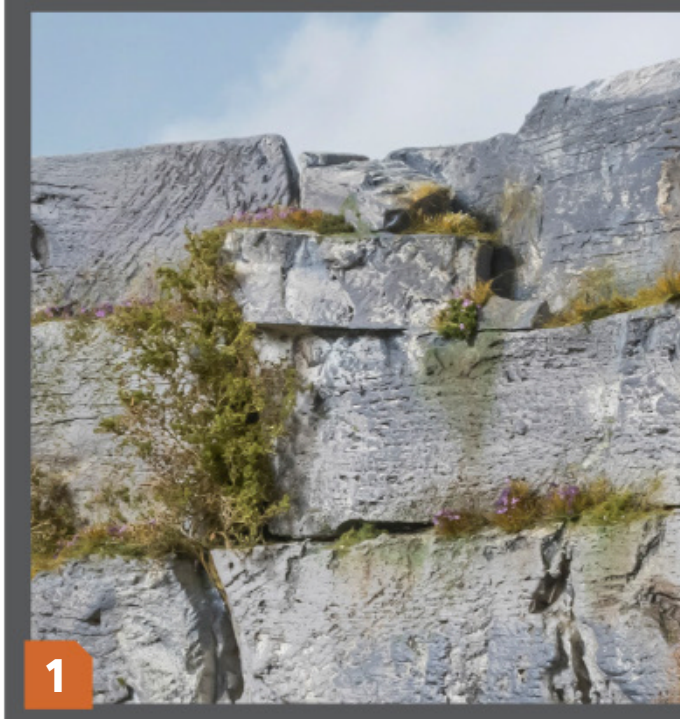
This is the first proper layout that Sam built for himself as the rest were built with the youth club.







3 things we like



The limestone hills are painted grey with primer and a wash of magnolia and WWS weathering powders.



The ruined barn with coffee stirrers for tiles.



The open-top baseboard allows for superb dual-level running.



The limestone hills are scratchbuilt from insulation board carved with a kitchen knife.

the Peak District is not only one of the most picturesque places in the country but it also contains some of the most difficult infrastructure challenges that the railway engineers had to overcome. I have fond memories of Derbyshire as a child so, in common with many modellers, it was a natural choice of mine to go back there for the layout, even though I wasn't alive in the period in which it's set. It also had to be a rural layout, as creating the scenery is my favourite part of model building – handy, since I worked for Scale Model Scenery for a year."

Although a fictitious layout, 'Peaks47' is heavily based on the Monsal line, with the station a replica of Monsal Dale.

"Getting the station to look exactly how I wanted it proved to be one of the biggest challenges in the entire build. The track plan is quite different to the prototype but the station building is much more similar. It's a typically quiet station in the Peak District but I wanted it to look busier than a halt and not as busy as a station on the main line would be. I was also struggling to come up with a name for it, but that's where my YouTube audience came in."

FROM STORAGE TO SUBSCRIBERS

Sam's layout now has 3,500 subscribers on YouTube but, as he explains, he never started the channel with the intention of having any at all. ➤





"It's a typically quiet station in the Peak District but I wanted it to look busier than a halt and not as busy as a station on the main line would be"




10
3522





The derelict barn is made from Wills stones sheet. There is a video of its construction on YouTube and viewers requested it as a kit they could buy. At the time, Sam was employed at Scale Model Scenery, so he talked about it with Justin, the managing director, and created what is now available as KX057.

"I set it up because I was taking videos on my phone as I was going along, but it didn't have a lot of memory and I needed somewhere to put them so I could clear my phone. A few people started watching my videos of running sessions and the whole thing snowballed dramatically. I started doing some 'How To' videos and the subscriber count just kept rising. I worked as a car painter for 17 years so I'm handy when it comes to spraying and this has carried onto my layout and into my videos. The subscribers were a great help when it came to naming the station as I couldn't think what to call it, so asked them for suggestions. The one I chose was from Steve Harper, who combined Millers Dale and Whittington Moor to create Whittington Dale."

With a 13ft by 13ft layout, set in Derbyshire, Sam needed a lot of static grass, so it was helpful that he became so friendly with War World Scenics owner Martyn Rees. ➤

Crash Corner

The area affectionately known as 'Crash Corner' is Sam's favourite part of 'Peaks47', and is also the last section he built.

"As I progressed with the layout my modelling skills were improving, so I feel this was the peak of everything I'd learned going around the layout. I'm also interested in military vehicles and this gave me the opportunity to combine military and railway modelling with the plane crash. The back story of the plane is that it crash-landed in the Peak District from a bombing raid in Liverpool in 1943. I had to guess what the weathering would be like for a plane that's been there for four years and hasn't been recovered because it's too difficult to get to.



I painted the whole thing silver and then put the German camouflage over it, washing the paint away in places to make it look as though the aluminium is coming through."



"When I first started using static grass I bought a cheap applicator which wasn't up to scratch, so I bought a WWS micro applicator. I joined the Facebook group, hit it off with Martyn and kept using WWS products more and more. Now I almost exclusively use his products. They blend nicely and create a pleasing finish overall when you combine fibres of different lengths and tones, such as mixing 'spring' with 'muddy grass'."

SCRATCHBUILT SHOVEL

There are several aspects of 'Peaks47' that are scratchbuilt, as Sam couldn't get hold of suitable models off the shelf. One such model is the steam shovel.

"The body is part of a rolling stock open wagon, cut in half and put on the back of an 'HO' scale crane clad in coffee stirrers. The boom is made from coffee stirrers and the bucket was cut into shape using a Dremel. The running lines are fishing lines and the chimney is a straw, painted a suitable colour and glued on top. The humpback bridge near the station had to ➤





FACTFILE: ‘PEAKS47’

Gauge and scale: 4mm:1ft, 16.5mm scale, ‘OO’

Size: 13ft by 13ft

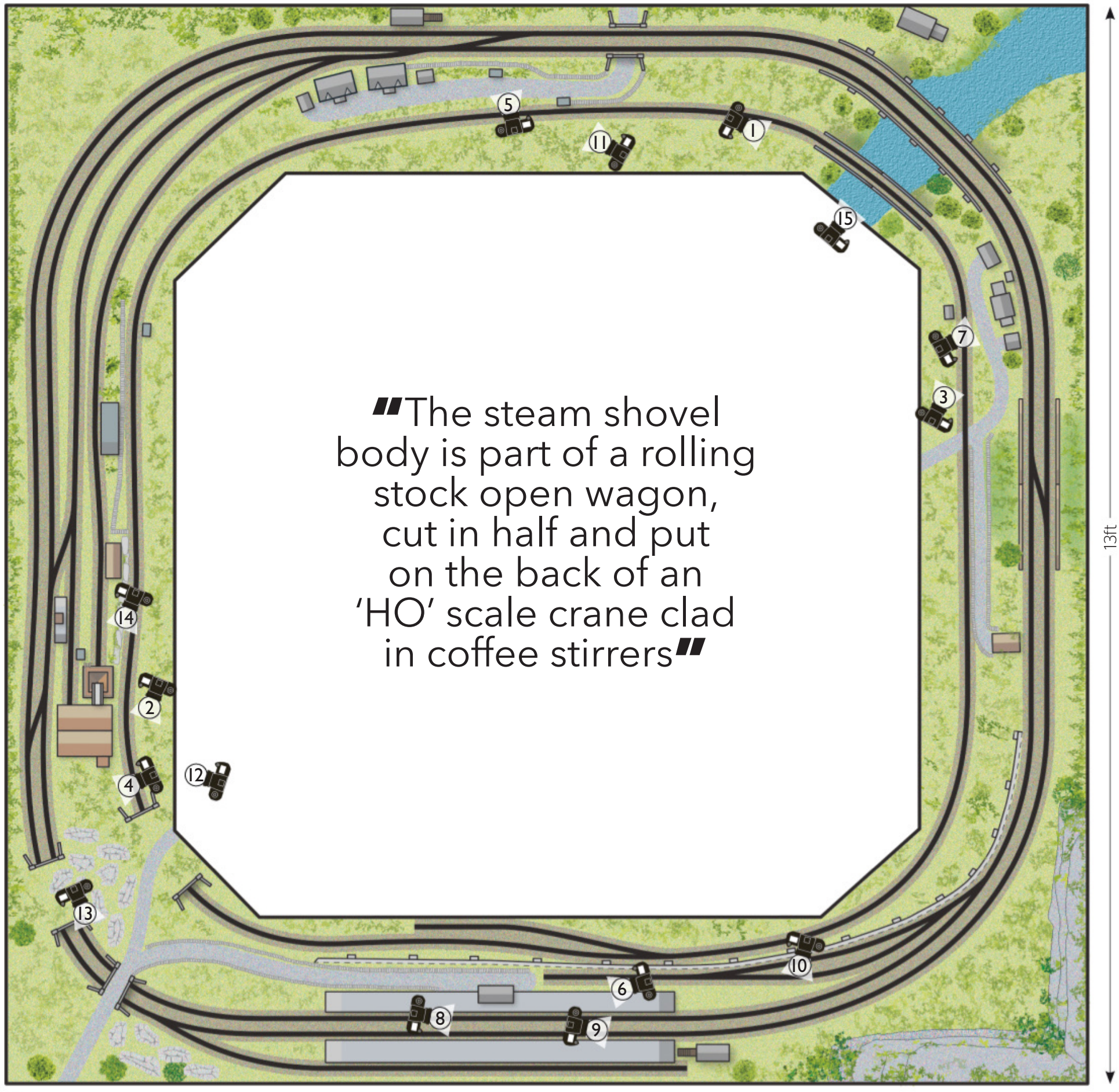
Time to build: 18 months

Power and control: DCC

MODELLER CV: SAM JONES

I’m really enthusiastic about BMX riding and do it at least twice a week. I volunteer at a local BMX club and my children are also keen on it. I’m also into old British sports cars from the 1970s to the 1990s.

Artwork: **Andrew Mackintosh**



> “The steam shovel body is part of a rolling stock open wagon, cut in half and put on the back of an ‘HO’ scale crane clad in coffee stirrers”

be scratchbuilt as well because I have a curved point underneath, giving me a non-standard track width, so no off-the-shelf product would fit. I used 7mm draft stone from Slaters to make the humpback bridge as I thought 'OO' gauge stonework looked too small. The curved coping stones were made out of modelling clay and scribed."

Every modeller is different and each will have a favourite feature. For Sam, he prefers the building of a layout, and now has no idea what he's going to do with 'Peaks47'.

"I have no interest in running trains. I can do a running session to make YouTube content but have no desire to run them for myself, so I'm now looking at building one based on my childhood memories in Staffordshire in the early 1990s. I'm open to suggestions for a name as I don't think 'Staffs93' has the same ring to it! I'm also looking to sell 'Peaks47' to give me space for the new layout in my purpose-built room, so if you're interested in buying it, get in touch!" MR



15 **It's an open-top baseboard with the main lines at the highest point at the back of the layout with natural embankments leading down to the branch line.**

DMG electech

DMG Technical Limited

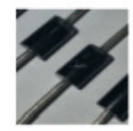
DMG Technical Ltd
Unit10 Glan y Llyn Ind Est
Taffs Well, Cardiff
CF15 7JD
Tel 02920 813136

The best choice for electronic parts and spares


Cable single and Bi Colour



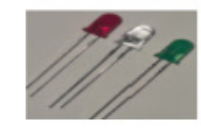
Multicore


Diodes


Pushbuttons


Nylon fixings


Resistors


LED'S


Crimps

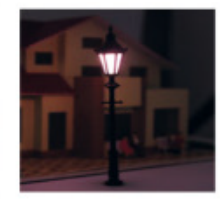


LD 101 DCC/ DC Controller

The amazing controller from ANE Model
A full funcion DCC and DC controller
3 year warranty
NMRA standard
8A Power booster coming soon

Only £129.99

New street lighting and signal range



Prices from £6.99 Pk for lighting and £14.99 Pk for signals
See website for our expanding range
www.dmgelectech.co.uk

DCC Decoders

Our decoders are fully NMRA compatible.
DCC standard decoder suitable size for OO/HO scale
Motor current 1.5 Amp continuous and 2 Amp peak
Motor overload protect adjustable
6 x 100mA function outputs
28 step adjustable speed table / long address
Advanced consist address setting
Supports running also in DC enviroment


2 in 24 out
wiring module £3.59
Dual ended £4.25

Styrene Sheet Now in Stock
0.5 to 2.00mm from 0.99p

Static Grass Aplicators From £23.99 to £30.99

Static Grass 4 Pack £6.49



Single £20.99
Packs of 5 £99.99
3 year warranty

DCC Decoder Tester



With Motor £28.99
Without motor £27.99

Patch Pack New !

6 x10g packs static material for £3.25




LEDs

Light Emitting Diodes
Many other types Available

LD1 - 1.8mm (red, green, yellow)	£0.35
LD1 - 1.8mm (white)	£0.70
LD3 - 3mm (white, red, green, yellow, amber)	£0.20
LD14 - 3mm 12V (white, red, green, yellow)	£0.40
LD8 - 3mm Bi-Colour (rd/yl, gn/yl, gn/rd)	£0.40
LD10 - 3mm Tri-Colour	£0.75
LD12 - 3mm Flashing Red	£0.50
LD5 - 3mm Flickering Orange	£0.70
LD17 - 5mm (red, green, yellow, amber)	£0.40
LD15 - 5mm 12V (red, green, yellow)	£0.50
LD9 - 5mm Bi-Colour (rd/yl, gn/yl, gn/rd)	£0.50
LD11 - 5mm Tri-Colour	£0.75
LD13 - 5mm Flashing Red	£0.50
LD4 - 5mm Flickering Orange	£0.60


Grain of Wheat Bulbs
colours & clear
£0.40
100 clear £30

Din Plugs & Sockets




CDP3 3pin	65p
CDP4 4pin	65p
CDP5 5pin...180	70p
CDP5 5pin...240	70p
CDP6 6pin	75p
CDP7 7pin	80p
CDP8 8pin	85p
CM3 3pin	65p
CM4 4pin	65p
CM51 5pin...180	70p
CM52 5pin...240	70p
CM6 6pin	75p
CM7 7pin	80p
CM8 8pin	85p


Snap Lock Connectors


Automatic wire strippers
£ 6.95

Tiny Connectors

Used with our ultra fine wire ideal for joining engine to tenderor other micro use

CMP 100 2 pin
CMP 101 3 pin
CMP 102 4 pin
From £0.60 pr single
10+ from £5.50 pr



Tag Boards & Terminal Blocks



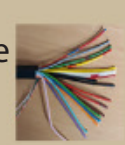
CTB2	Mini Tag strip 2 rows of 18 117 X 38..£2.46
CTS1	Standard Tag strip 28 way x 267m.....£2.56
CTS2	Mini Tag strip 28 way x 194mm.....£1.90
CTB4	Screw Terminal Block 3 amp.....£0.80
CTB5	Screw Terminal Block 5 amp.....£0.95
CTB6	12 way Plug and Socket 6 amp.....£5.50
CTB10	12 way Plug and Socket 10 amp.....£6.95

Layout Wiring

* colours RD YL BL BK WH GN VI OR GY PK BR

	10m	100m
EW7/02	£1.60	£11.40
EW16/02	£2.30	£17.99
EW24/02	£3.29	£26.25
EW32/02	£4.29	£36.00
EW01/06	£1.60	£10.95
EW10/01	£1.50	N/A

Mulitcore Wire
£3.20 per m




Ultra fine wire
£3.50 per 2m

Miniature Toggle Switches

SMT1	on/off	SPST	£1.20	£1.12
SMT2	on/on	SPDT	£1.20	£1.12
SMT3	on/off /on	SPDT	£1.25	£1.12
SMT4	on/off or on/on		£1.30	£1.12
SMT5	on/off /on	DPDT	£1.40	£1.12
SMT6	[on]-off -[on]	SPST	£1.60	£1.12
SMT7	[on]-off -[on]	DPDT	£1.90	£1.12



Lever covers 20p each CC5 no solder connectors 8p each

See our website for the full range of switches and push buttons

Telephone orders welcome

www.dmgelectech.co.uk

P & P £ 3.50
Free on orders over £100

E-mail: **Sales@dmgtechnical.co.uk** Tel: **02920 813136**

Remember advice is free and just an e-mail or phone call away

Prices Valid until 31/03/2022 E & O E

KJB MODELS

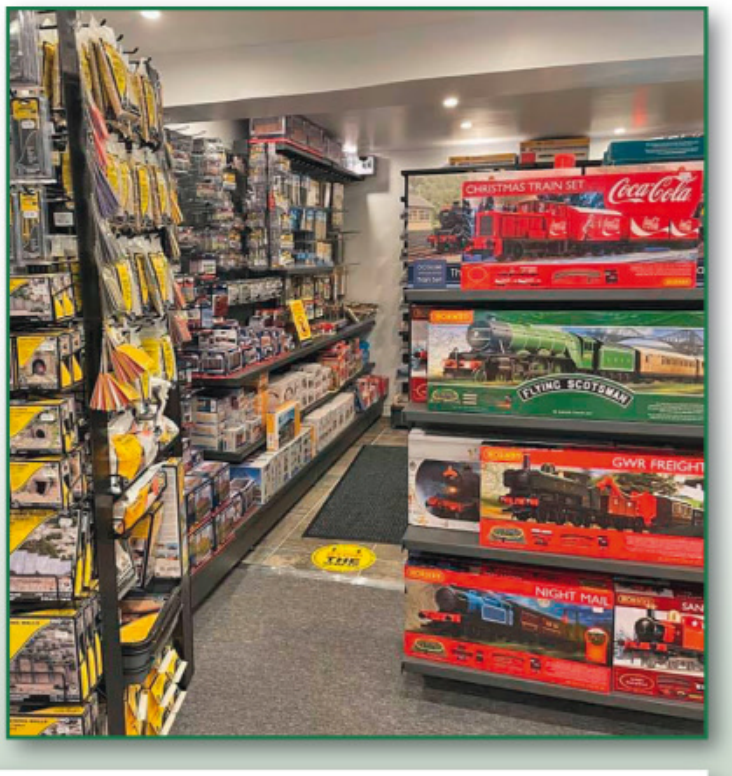
NEW & SECONDHAND MODEL RAILWAY DEALER

Please visit our website

www.kjbmodels.co.uk



NEW MODEL SHOP IN HENSALL, YORKSHIRE



GOOD QUALITY PRE-OWNED MODEL RAILWAY ITEMS ALWAYS **WANTED**

Sell us your secondhand model railways in all gauges including, N Gauge, OO Gauge and O Gauge.

www.webuymodelrailways.co.uk

Have you got a Model Railway to sell?

We buy Pre-owned Model Railways and Model Trains. We are always looking for Model Railways in all gauges.

Here are some examples of the brands we have purchased:

Hornby, Bachmann, Graham Farish, Dapol, Heljan, Mainline, Oxford Rail.



Visit us on FACEBOOK

Tel: 01977 525861/07542 710005

Email: enq@kjbmodels.co.uk

PayPal VISA MasterCard

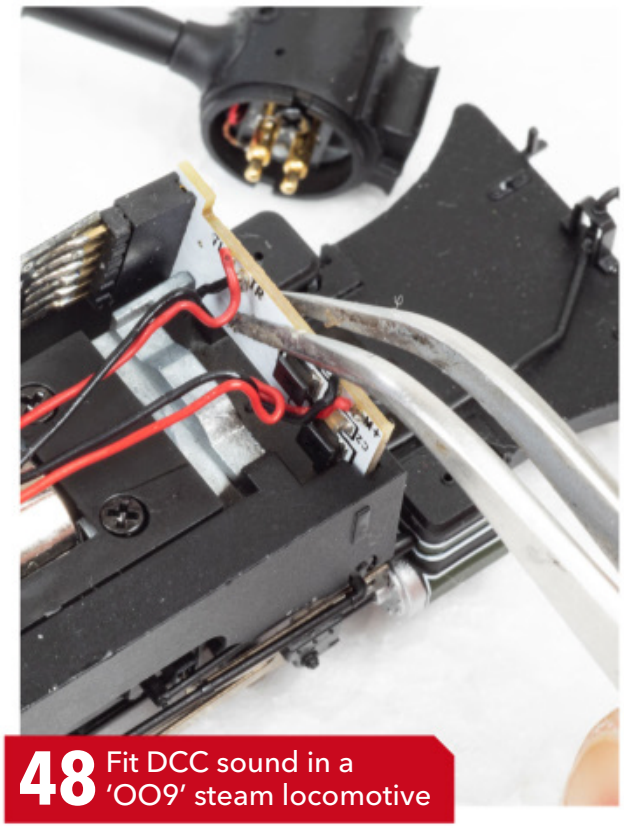
Workbench sponsored by
HARDER & STEENBECK
www.harder-airbrush.eu



42 Build a gasworks

Workbench

18 pages of projects, advice and top tips that show you how



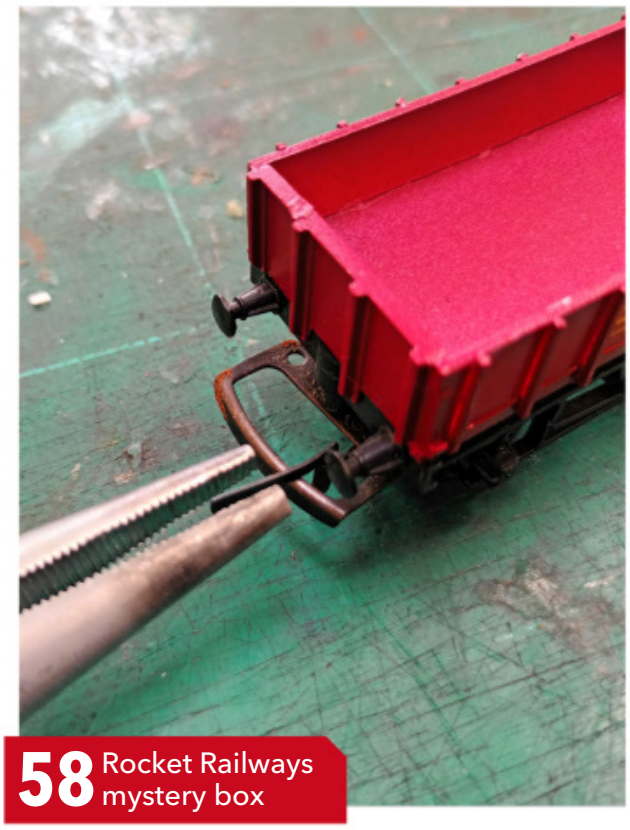
48 Fit DCC sound in a 'OO9' steam locomotive



50 Recreate modern café culture



54 Build a timber platform



58 Rocket Railways mystery box

Meet the *Model Rail* Expert Modellers



George Dent Learn from one of the country's best modellers.



Richard Simpson Ex-marine engineer, keen to adapt methods learnt from other hobbies.



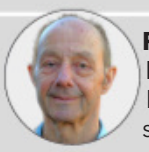
Chris Bone A classic car buff with a penchant for the railways of Devon and Cornwall.



Chris Gadsby The smaller the detail, the more interested he is.



Peter Marriott Scenic guru. Knows what's available and how to use it.



Paul Braithwaite Paul is a specialist architectural model maker.

Project difficulty ranges from easy: one screwdriver, to very hard: five screwdrivers.



HOW TO

BUILD A GASWORKS

PART ONE

Richard Simpson converts a lineside warehouse into a gasworks retort house.

I think most of us must have come to the situation in our layouts where something outside our control has driven things in a particular direction. Such was the case with my own layout where, slap bang in the middle of the backscene, was a structural newel post for a staircase. It could be cut down a little but basically it had to remain, so my thoughts were then driven towards how to conceal it. Various industrial buildings were considered, all with their advantages and disadvantages, but then one day I came across a Bachmann low-relief resin gas holder. The dimensions looked very promising, and the price was reasonable enough to accommodate failure, so I went ahead and bought it.

With a lump hacked out of the base it proved to be the perfect size to hide the newel post, so the idea of creating a gasworks to supply the gas holder was born. A lot of research was undertaken into the construction of coal-fired gasworks, including plans and supporting articles from a 1936 issue of *Model Railway* magazine and the mine of information supplied by various museum websites from around the country, before I came up with a

PHOTOGRAPHY: RICHARD SIMPSON

00 GAUGE | 20 hrs |

very basic plan for the layout. Most importantly, I wanted the gasworks to be credible, by which I mean I wanted the various components to be as you would expect to find them in a real coal gas plant from around the 1940s.

MAKING A START

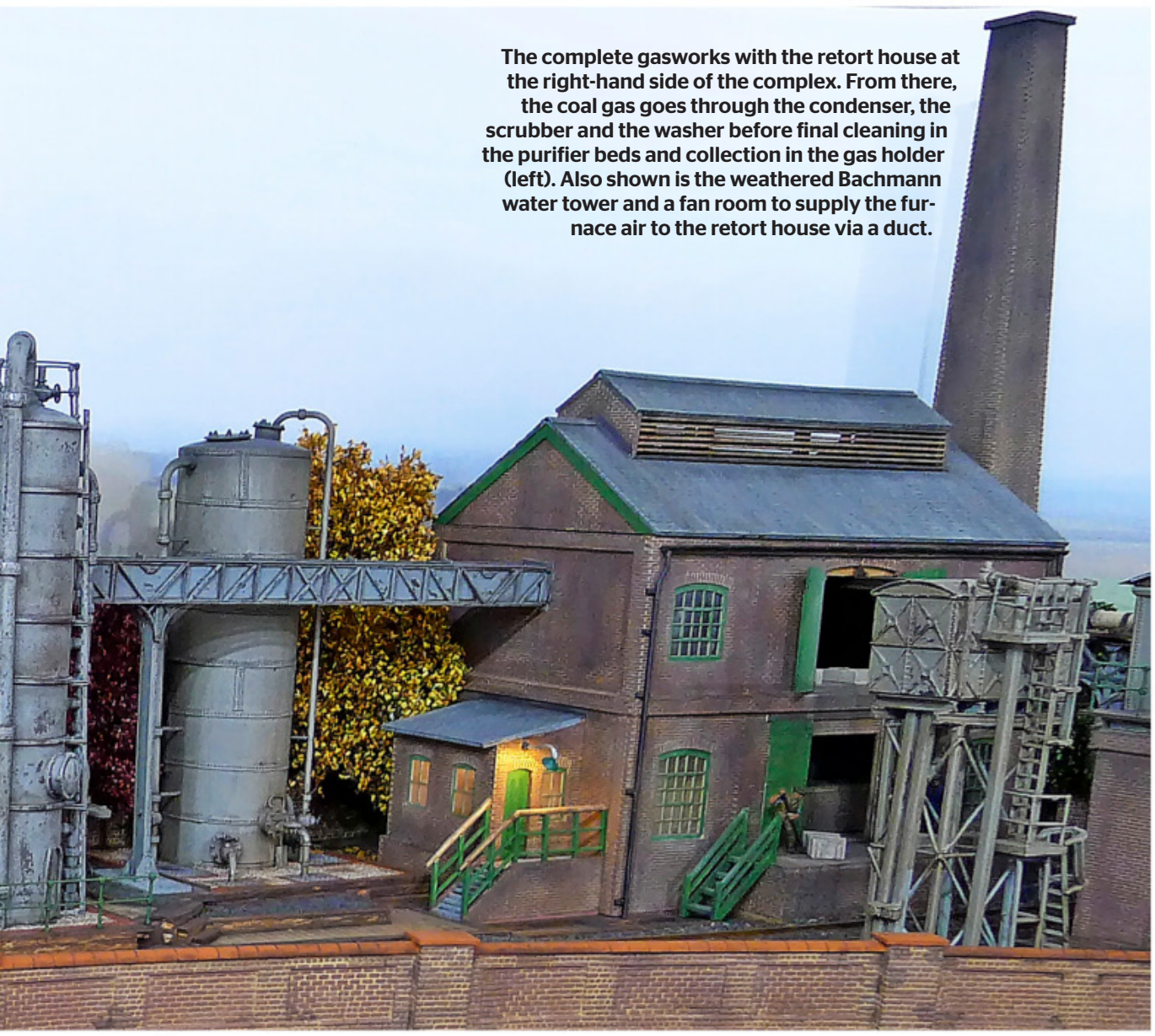
The first structure to be tackled was going to represent the start of the gas making process, the retort house – where coal was baked to release gas. While most retort houses shared many similar features with generic industrial buildings of their time, it became obvious to me that they all shared one thing in common, and that was a large set of ventilation louvres in the roof to allow the escape of the huge amounts of heat generated within the furnace. This feature must therefore be incorporated into the layout somehow.

It would almost certainly have a loading platform for the delivery of coal and the departure of coke, and may well be on two levels to allow top feeding of the coal. And it would definitely have a large chimney built in for the retort furnace exhaust. After a lot of consideration of scratchbuilding and hacking around various resin structures and plastic kits, I decided that the closest starting point to what I wanted would be the L Cut Creative (LCC) Large Lineside Warehouse kit. With my mind made up, it was time to start the build...



The basic L Cut Creative Lineside Warehouse kit as it arrived. The big advantage of these kits is that all the parts can be purchased separately, making for a very flexible building system and relatively easy modifications just by adding additional parts.

sponsored by
HARDER & STEENBECK
www.harder-airbrush.eu



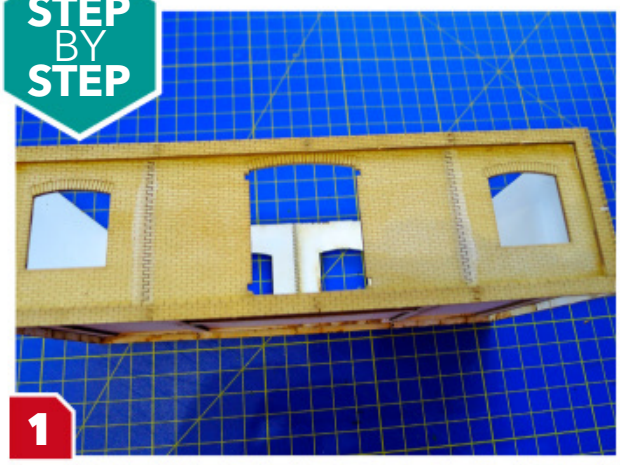
The complete gasworks with the retort house at the right-hand side of the complex. From there, the coal gas goes through the condenser, the scrubber and the washer before final cleaning in the purifier beds and collection in the gas holder (left). Also shown is the weathered Bachmann water tower and a fan room to supply the furnace air to the retort house via a duct.

What Richard used

MATERIALS & TOOLS

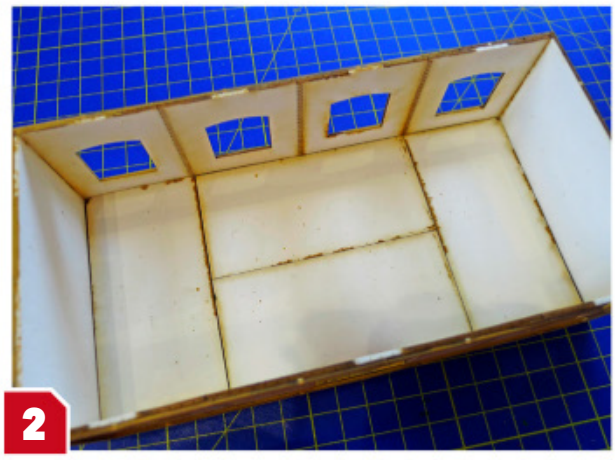
- L Cut Creative Lineside Warehouse building bundle B 00-16
- L Cut Creative Industrial Brick Chimney building bundle B 00-24
- L Cut Creative Brick Roof Gable Ends LCC 00-23 (*www.lcut.co.uk)*
- 5mm by 1mm strip wood
- Scalpel and new blades
- PVA glue
- Model boat pre-made deck planking or printed paper equivalent
- Bits and pieces to scratchbuild internal detail
- Humbrol Acrylic Number 70 for the brickwork
- Mortar coloured enamel panel wash for the mortar
- Acrylic green for the woodwork
- Assorted pigments and washes for the weathering
- Auhagen gantry crane kit
- Dapol Workmen figures
- 1/76th scale resin packing cases
- Ratio Gutters and Downpipes kit Ratio 538

STEP BY STEP



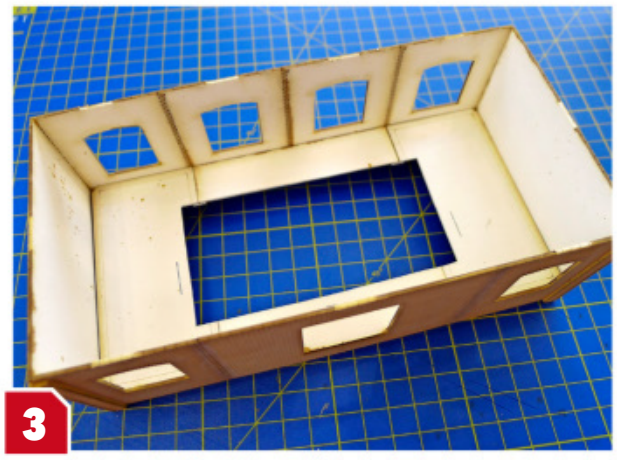
1

The kit is arranged in two floors, so both were assembled as modules and worked on separately. This is the upper floor assembled with the four walls and floor fitted so it remains square while the glue dries. Care is needed to interlock the brick courses at the corners.



2

As can be seen from the inside, the floor provides alignment and strength to the structure. Both floors were to have a hole cut in them but it was decided to do this after the structure was built by cutting through onto a block of wood.



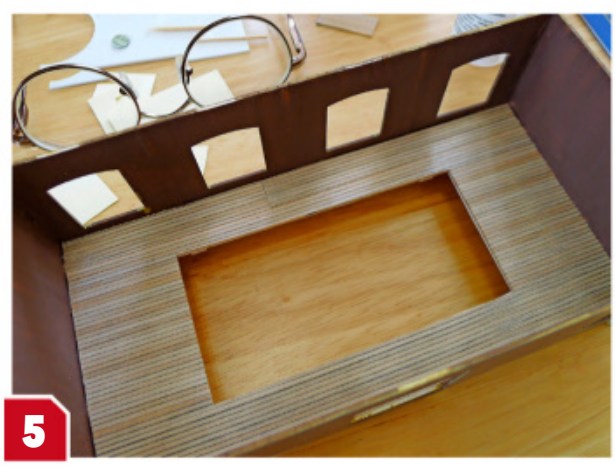
3

The upper floor needed the cut-out to make room for the retort unit and the lower floor required a similar process as the building was also going to hide some electronic components. This would be accommodated by the fitting of a raised plinth for the retort unit.



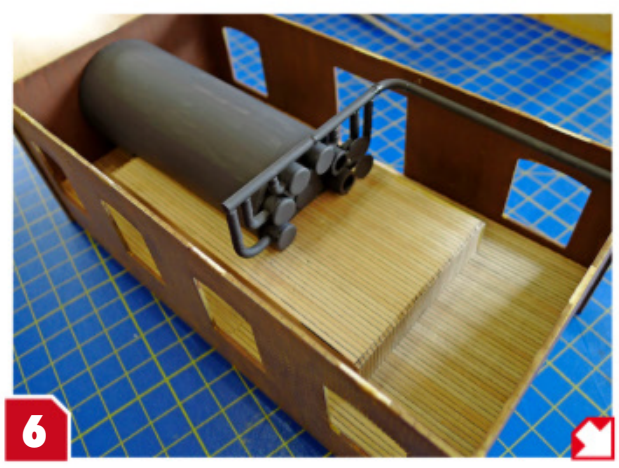
4

Lighting was to be added by using the Just Plug lighting system. There was to be a light in the roof of the office, a light above the retort front and an outside light on the office steps. Here the two office lights are being fitted and tested with a battery pack.



5

Both floors were finished with wooden model boat decking, which provides a lifelike imitation of individual planks. Any wooden flooring could be used by either scratchbuilding or printing off a wooden floor on an inkjet printer and glueing it to the flooring.



6

The lower floor has now been fitted out with a retort unit sitting on a brick plinth. The retort furnace was a section of domestic drainpipe with the retort ends formed from sections of plastic tube. This was enhanced with circular doors and pipework from a Knightwing pipe kit.

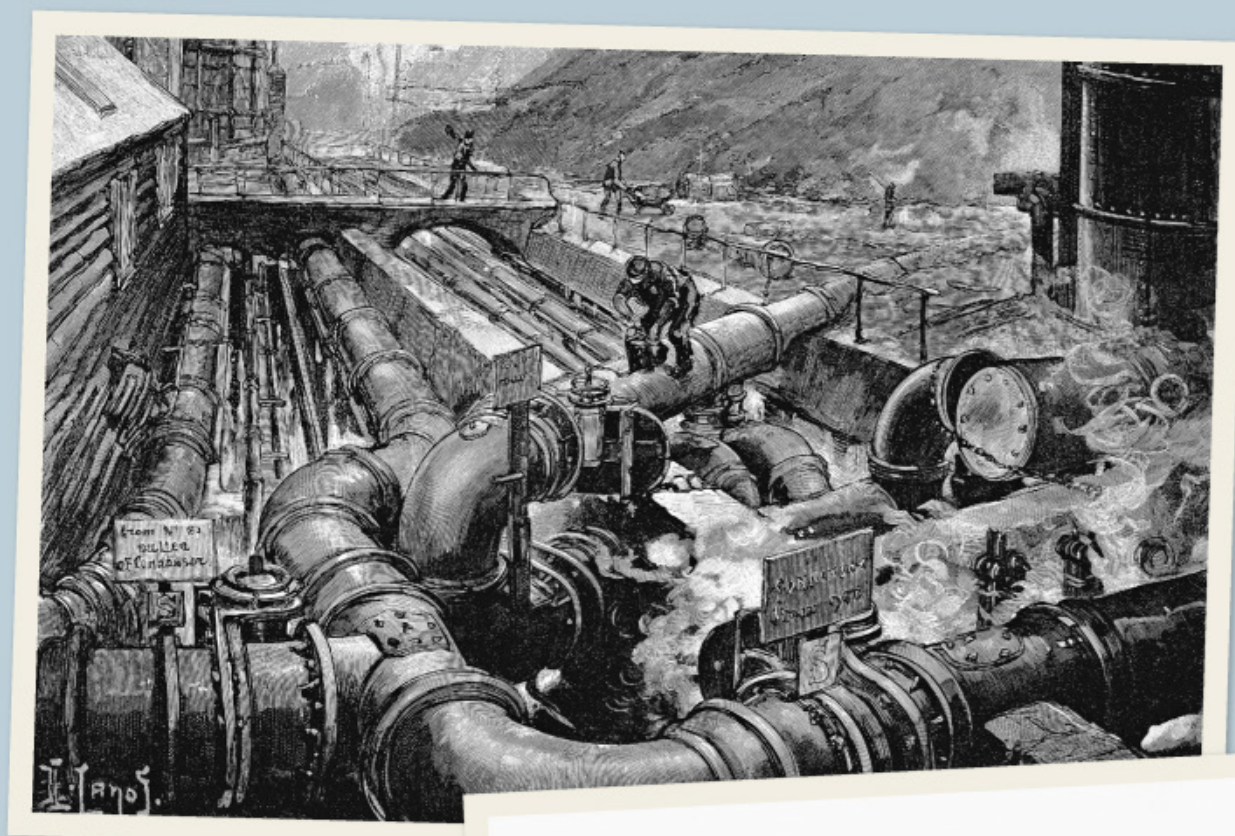
How ‘town’ gas was produced

The raw gas was produced in the retort house by heating coal in enclosed tubes (the retorts) in a furnace. This resultant gas is collected from the retort tube, as well as tar (also collected from the tube and sold as a by-product), while the process also reduces the coal to coke which still contains around 50% of the original energy. Some of this coke is then used as fuel in the furnace, while the rest is sold as another by-product.

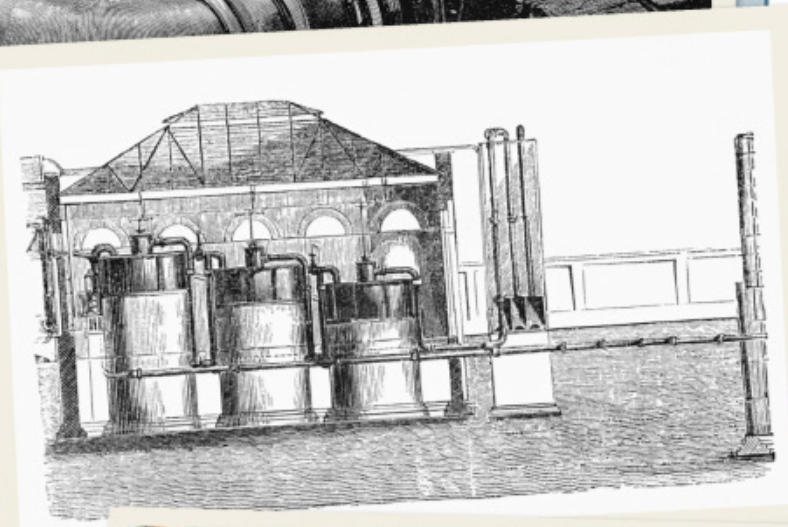
The gas goes from the retort house into a condensing tower where it is cooled, and moisture, mainly in the form of sulphuric acid, is collected and sold as yet another by-product. From there, the gas goes to a scrubber unit, where heavy solid particles are removed, and then to a washing tank where it is further cleaned.

The final cleaning up of the gas is done in a filter bed in the purifier, from which it is pumped via the metering house to be stored in the gas holder for distribution.

Among all this there would usually also be a boiler house, required to keep the tar hot and pumpable, a fan room, to supply air to the retort house and the boiler house, a pump house and a tar storage tank. All of these facilities need to be connected together as efficiently as possible and a railway connection and sidings would be required to allow inward delivery of raw materials and outward movement of by-products.



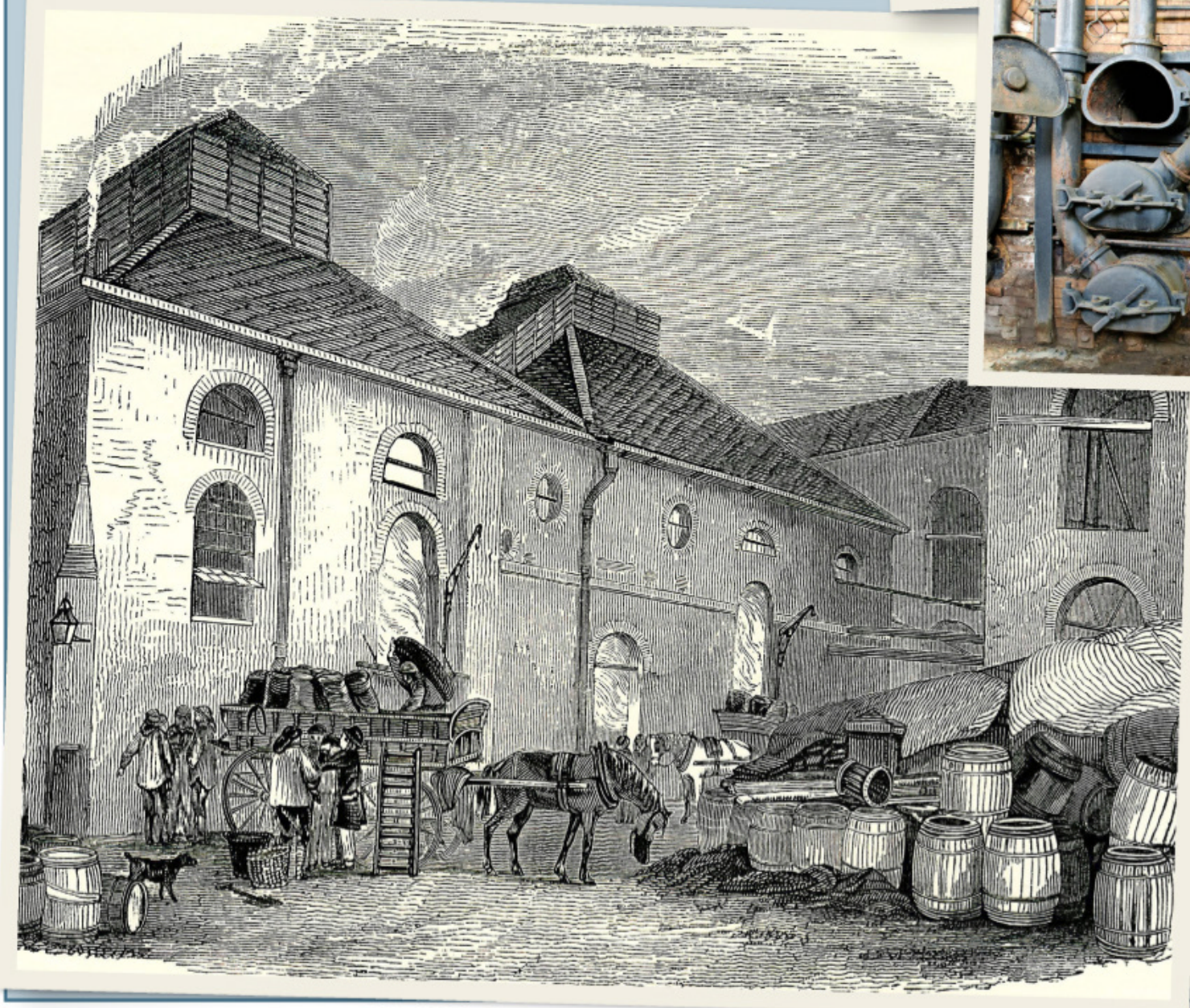
Above: An engraving of condensers at the South Metropolitan Gas Company’s works, East Greenwich, London, 1891. ALAMY



Right: The basic process of creating gas from coal altered little from the 1800s until the last ‘town’ gasworks closed in the 1970s. Gases – mainly hydrogen and carbon monoxide – from burning coal in cylindrical retorts were cooled in a condenser, where tar and other by-products were removed. ALAMY



Above: The gas retorts and chimneys of the preserved gasworks at Carrickfergus, Northern Ireland. ALAMY



Left: This old engraving, from around 1810, depicts a typical gasworks of the period. Introduced to Britain in the 1790s by the Scottish inventor William Murdoch, early gasworks were built primarily to supply factories and were usually built close to a river or canal, with incoming coal carried by barge. Eventually, rail would provide the main means of transport, allowing more local municipal gasworks to open. The roof vents were a distinctive feature of retort houses. ALAMY

sponsored by
HARDER & STEENBECK
www.harder-airbrush.eu



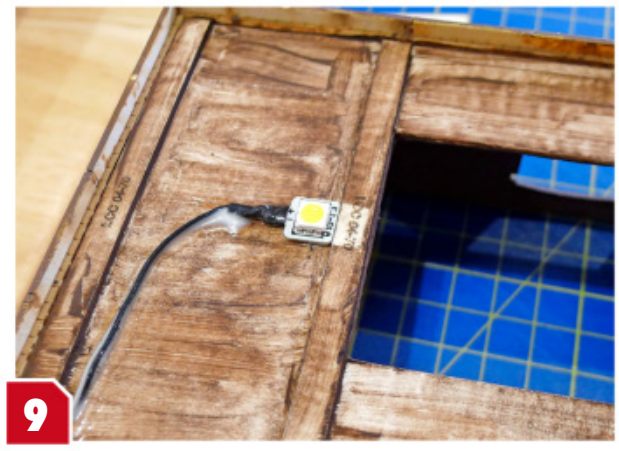
7

The windows and glazing were added by simply fitting the window frame units from the outside against a metal block held on the inside and painting from the rear with watered down PVA glue. Pieces of scrap cellulose sheeting, again fixed with diluted PVA, created the glazing.



8

The lower floor internal detailing was finished by fitting metal plates in front of the retort openings and scattering some bits of coal and ash around the area. This was all weathered up with dry-brushing and pigments to give the whole area a suitable industrial look.



9

The light that was to illuminate the retort front area was fitted below the flooring of the upper floor. The cable will eventually be led through a piece of copper pipe glued into the corner of the lower floor and painted up to look like another piece of pipe.



10

The office with its steps was attached next and the exterior brickwork painted with Humbrol acrylic paint number 70. This was over-painted with an enamel-based mortar-coloured wash, then wiped over with a thinners-dampened cloth to remove the wash from the brick face.



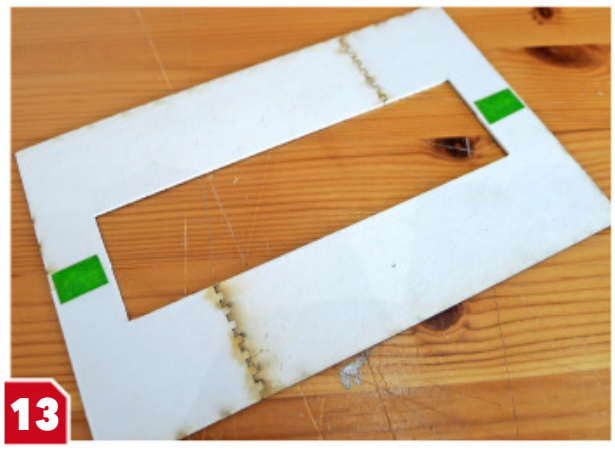
11

The main modification from the outside is the roof. This has to incorporate a large arrangement of ventilation louvres to get rid of the significant heat build-up inside the building. To facilitate this the longitudinal roof supports were repositioned and glued to the frames.



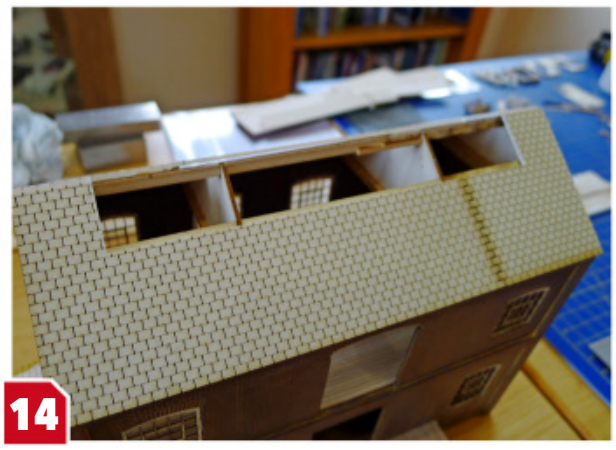
12

With the roof supports completed, the upper floor was test-fitted to the lower floor. The platform has also been added and covered with the wood planking sheeting that was used for the internal floors. The roof supports will hold the free edge of the tiling sheet (Step 14).



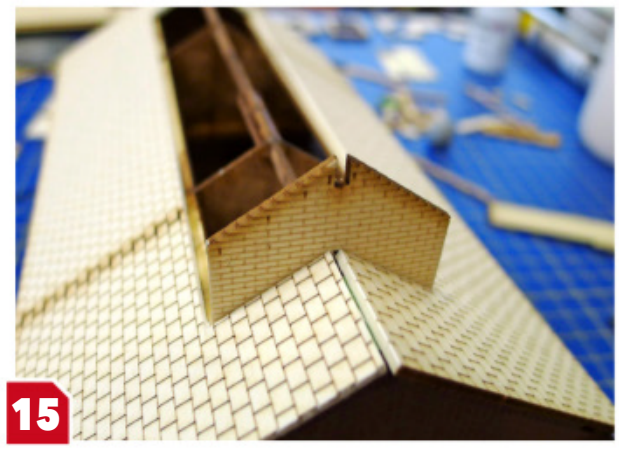
13

To guarantee the roof sits centrally, the easiest way is to tape the rear face, sit it on the frames and then spot glue from the inside. When the spots have dried, a full bead of glue can be applied internally. The opening for the louvres has been cut into the roof tiles.



14

The roof glued in place with the opening supported by the repositioned longitudinal supports. Keeping the two floors separate makes fitting the roof a lot easier, with frequent dry-fitting to check that everything is looking good.



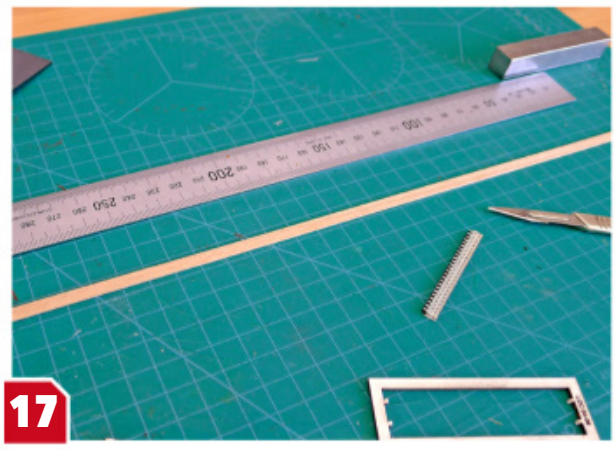
15

Two spare gable end brick walls were purchased along with the kit to enable them to be cut up to form the ventilation unit ends. These were then cut to sit on the supports and the edge of the fitted roof, making for a nice neat joint.



16

Both ventilation louvre gables are fitted and the internal surfaces given a coat of a brown wash. An Auhagen gantry crane has been modified using a wooden beam glued to the wall and fitted, taking advantage of the easier access, to extend over the loading platform.



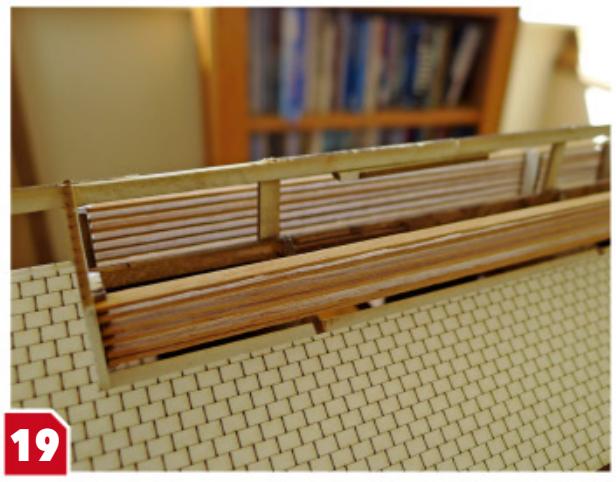
17

The louvres were made from strip wood planks. These were supported at both ends and the middle with spare sections of wall edging, using the interlocking bricks as spacers for the louvres. These parts can be bought as separate parts from L Cut Creative.



18

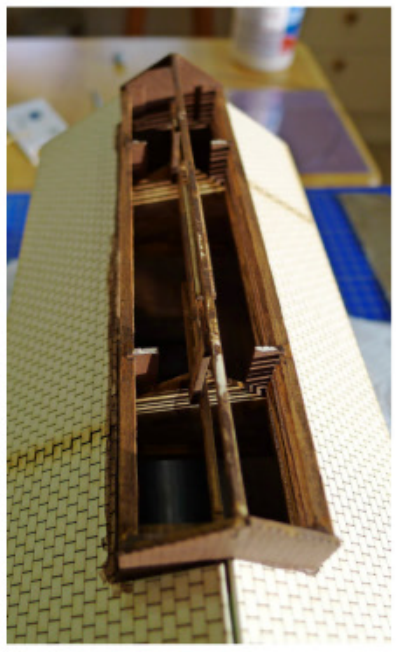
The brick supports were glued to the inside faces of the gable ends and in the centre of the ventilation unit before the wooden planks were glued into the respective slots created by the bricks. This was done with spots of PVA applied to the slots with a cocktail stick.



19

All the wooden slats have now been fitted to both sides of the ventilator unit. The apex spine is used between the gable ends, in just the same way as the main roof would have been, and fitted into the pre-cut slots.

20 All the interior parts have now been painted with a brown wash and the gables painted with Humbrol acrylic number 70. The enamel mortar-coloured wash will be added when the acrylic has thoroughly dried.





21

Another dry assembly to check all looks good. The crane can be seen and the steps to the loading platform have been added. The ventilator roof is made from the two pieces cut from the main roof and taped on the rear.



22

Finally the ventilator roof is glued in place and all the roof tiles given their first coat of light grey acrylic. This will be followed by a darker enamel wash and then pigments to create soot effects and weathering staining.



23

The finished retort house with added chimney. Details like gutters, downpipes, workmen, packing cases, doors and a chain have been painted and weathered up before fitting. The chimney was painted to match the brickwork.

TOP TIP

When modifying brick-faced pieces of LCC components, it is essential to cut from the brick face side and use a new scalpel blade against a steel rule. The rule will hold the brick face in place while you cut and help to prevent the fine brick detail from becoming detached from the surface.

What's next

Don't miss Part Two of Richard's gasworks project, in which he explains how the various process tanks were created – see next month's *Model Rail*.

The retort house in place doing its job at the gasworks, complete with siding for the supply of coal and the removal of coke.

SALES LINE
01432 352809
EMail - sales@herefordmodelcentre.co.uk
www.herefordmodels.com
SHOP OPEN MON-SAT 9-5.30

THE HEREFORD MODEL CENTRE
4 COMMERCIAL ROAD, HEREFORD, HEREFORDSHIRE, HR1 2BB

009/HOE IN STOCK

WE HAVE A COMPREHENSIVE RANGE OF NARROW GAUGE STOCK AND TRACK FROM MINITRAINS, ROCO, LILIPUT AND PECO. WE ALSO STOCK DUNDAS KITS.

HORNBY

R2917 2800 Class BR.....£103.99
R30087 LNER A3 Lemberg black £227.69
R3233 LNER D16 .....£100.95
R3242A K1 BR Early.....£116.95
R3243B K1 BR Late £116.95
R3612 'Mallard' 80th Anniversary Gold Plate Edition .£183.99
R3631 BR H Class.....£116.95
R3634 SR Lord Nelson class £152.95
R3681 LMS Duchess.....£184.00
R3703 Peckett W4 Bear ...£114.75
R3727 LMS PUG.....£63.00
R3728 BR PUG £63.00
R3781 K&ESR Terrier £80.75
R3830 Class A2/2 Cock o' the North ..£170.99
R3832 LNER A2/3 Edward Thompson £171.00
R3833 LNER A2/3 Chamossaire £171.00
R3866 Sir Winston Churchil £197.99
R3989 LNER A1 Knight of Thistle £227.69
R3991 BR A3 Flying Scotsman £227.69

Train Packs/Sets

R3299 1945 Going Home.£259.45
R3399 EWS Freight train pack £184.99
R3402 Queen of Scots pack £263.99
R3873 5-car APT.....£430.20

HORNBY Diesel Electric Locomotives

R3373 Class 71 BR Green w/panel.....£134.95
R3374 Class 71 BR Blue..£134.95
R3376 Class 71 BR Green£134.95
R3705 R&H 48Ds Dewars..£71.99
R3706 R&H 48Ds Army £71.99
R3707 R&H 48Ds Longmorn £71.99
R3739 Class 87 BR Blue..£153.89
R3742F Class 92 DB Romania £98.99
R3741 Class 92 GBRF.....£76.50
R3760 Class 59 GBRf.....£67.99
R3884 Cl 60 DB Cargo 60100.....£161.99
R3885 Cl 60 DB Cargo 60062 .....£161.99
R3898 TTS BR Class 08 sound £180.90
R3899 BR Class 08 yellow £166.95
R3900 GWR Cornwall Class 08 .....£159.30
R3901 Cl 60 Colas £161.99
R3958 HST FGW Blue.....£326.99
R30009 Sentinel London Carriers £98.09
R30010 Sentinel Hitachi £98.09
R30023 GBRf Pride Class 66 .....£74.25
R30026 GBRf Class 60.....£206.09
R30070 RailRoad Plus Hanson Class 59 .....£81.89
R30083 Sentinel 0-6-0 P o B £98.09
R30084 Sentinel 0-6-0 M.S.C. £98.09
R30085 Sentinel 0-6-0 NCB £98.09

HORNBY TRACK

R083 Buffer Stop £2.50
R207 Track Fixing Pins £3.25
R600 Straight £2.15
R601 Double Straight £1.85
R604 Curve 2nd radius.....£2.55
R605 Double Curve 1st Rad. £3.25
R606 Curve 2nd Rad.....£2.15
R607 Double Curve 2nd Rad. £3.25
R608 Curve 3rd Rad.....£2.55
R609 Double Curve 3rd Rad. £3.25
R610 Short Straight.....£1.65
R614 LH Diamond Crossing £13.95
R615 RH Diamond Crossing £13.95
R617 Uncoupling Ramp.....£3.95
R618 Double Isolating Rail ..£9.90
R620 Railer Uncoupler.....£6.95
R628 Half Curve 3rd Rad....£2.80
R643 Half Curve 2nd Rad. ..£2.25
R8072 LH Point £11.85
R8073 RH Point £11.85
R8074 LH Curved Point.....£18.85
R8075 RH Curved Point.....£18.85
R8076 Y Point.....£13.90
R8077 LH Express Point £18.85
R8078 RH Express Point.....£18.85
R8261 4th Radius Curve £2.80

HORNBY Track Accessories

R076 Footbridge £16.20
R169 Junction Home Signal £16.85
R170 Junction Distant Signal £16.85
R171 Single Home Signal .£12.90
R172 Single Distant Signal£12.90
R189 Single Brick Bridge ..£12.80
R406 Colour Light Signal £9.90
R574 Trackside Accessories £14.90
R626 Point Underlay.....£6.90
R636 Double Level Crossing £28.80
R638 Track Underlay £15.85
R645 Single Level Crossing £18.85
R658 Inclined Pier Set.....£9.90
R659 High Level Pier Set £8.10

HORNBY Trackside

R460 Straight Platform £4.00
R462 Large Curve Platform £4.00
R463 Small Curve Platform.£4.00
R464 Platform Ramp.....£3.00
R510 Platform Shelter £14.85
R8003 Water Tower.....£14.85
R8007 Booking Hall.....£26.99

HORNBY Control Equipment

R044 Point Switch.....£10.75
R046 Two Way Switch £10.75
R047 On/Off Switch £10.75
R602 Power Connecting Clip £2.80
R8014 Point Motor.....£9.45
R8015 Point Motor Housing ..£6.60
Hornby TTS sound decoders .£37.80

BACHMANN Steam Locomotives

31-002 Robinson BR Early Crest £94.99
31-003A Robinson 04 LNER £110.45
31-088 BR Black Earl £118.95
31-117 BR 4MT tender loco £178.45
31-127 CL3000 BR ROD ..£118.45
31-128 BR ROD Weathered £102.45
31-136 DC D11/2 BR.....£115.90
31-318A LNER J11 .....£127.45
31-433 BR Ivatt 2mt tank ..£140.20
31-434 Class 1f BR Early.....£81.55
31-442 LMS Ivatt 2mt tank£140.20
31-462A C Class BR Early..£106.20
31-465 C Classs BR.....£93.46
31-480 Class G2A LMS.....£101.95
31-481 Class G2A BR Early £114.70
31-614 V3 BR Late £110.45
31-628 DC 3F BR Black Weathered £93.20
31-691 BR Early Stanier Mogul £135.95
31-716A BR B1 weathered .£152.95
31-717 LNER B1 green £144.45
31-932 DC BR Compound £127.75
31-932 BR Compound Early £169.95
31-933 BR Compound Late Crest £112.88
31-933A BR Compound Late £169.95
31-934 LMS Compound £182.70
32-205A BR 8750 Pannier.£101.35
32-511 BR Standard 5mt Green £169.95
35-050 LNWR Coal Tank....£101.95
35-051 LMS Coal Tank £101.95
35-200 LNER green V2 .....£195.45
35-201 BR black V2 .....£195.45
35-202 BR green V2.....£195.45
E85008 SR Class 02.....£127.45
E85009 BR Class 02.....£127.45

BACHMANN Diesel/Electric Locomotives

E84005 Class 58 Railfreight redstripe.....£157.20
E84006 Class 58 Railfreight Coal sector.....£157.20
E84007 Class 58 Mainline .£157.20
E84008 Class 58 EWS weathered £157.20
E99940 4 car 1938 tube train £305.95
31-491 4-BEP Blue/Grey ..£424.95
32-394 Class 37 Colas £144.45
32-390 DB Class 37 EW&S £144.45
32-415 BR Class 24 green £152.45
32-416 Cl24 BR Blue £152.95
32-444 BR Class 24 RTC...£152.95
32-613SF Class 90 Intercity Sound £280.45
32-620SF Class 90 Freightliner Sound.....£280.45
32-682 BR Class 45 green £135.45
32-739 Class 66 Freightliner £135.95
32-741 Class 66 BIFFA..... £127.45
32-755A Cl57 Arriva Wales .£157.20
32-763A Cl57 DRS..... £152.95
32-900C Cl108 BR Green...£203.95
32-908 Cl108 Blue/Grey £203.95
35-410 BR Class 47 green £203.95
35-411 BR Class 47 blue ..£203.95
35-413 Class 47 Intercity Swallow £203.95
35-413SF Class 47 Intercity Sound £288.95
35-418 BR Class 47 Construction £203.95
35-419 BR Class 47 Rft Distribution £203.95
35-526 Cl 121 Blue/Grey...£131.70
35-527 Cl 121 Network Southeast £131.70
35-351 Class 20 BR green £152.95
35-357 BR Class 20 Rft.....£152.95

DAPOL/OXFORD/HELJAN/DJM

GV2013 Janus British Steel ..£92.45
OR76DG005 Dean Goods w.snowplough..£94.50
OR76AR005 Adams East Kent £84.45
OR76AR006 Adams SR.....£84.45
OR76J27001 LNER J27.....£93.45
H1303 1361 BR Early £122.45
H1304 1361 BR Late.....£122.45

Mail Order Service

All prices valid to 31.07.22.
You must state these prices when ordering
POSTAGE & PACKING RATES PER ORDER:
- UK Standard Postage and Packing Rate £3.95
- UK Insured Postage and Packing Rate £7.10
- UK Courier Transport and Packing Rate £9.00
- Worldwide at cost • VAT free to non EC

Train Sets/Packs and Controllers/Handsets - Postage charged at cost
PRICES SUBJECT TO CHANGE WITHOUT NOTICE.
Please allow 7 days for clearance when paying by cheque
PLEASE QUOTE OUR SPECIAL PRICES WHEN YOU VISIT US
CREDIT/DEBIT CARDS WELCOME.

LARGE RANGE OF QUALITY SECOND HAND MODEL RAIL IN STOCK



HOW TO

FIT DCC SOUND IN A ‘OO9’ STEAM LOCOMOTIVE

Chris Bone explains how he installed digital sound into Heljan’s L&B *Lyn*, while **George Dent** follows his instructions and treats his own Baldwin 2-4-2T.

PHOTOGRAPHY: GEORGE DENT/CHRIS NEVARD

While Heljan makes provision for digital control in its range of ‘OO9’ steam locomotives, the Danish firm has so far omitted sound-fitted options. Moreover, Heljan’s models haven’t offered any easy options for sound-fitting by customers either, unlike Bachmann’s tiny Baldwin ‘10-12-D’ and more recent double Fairlie, both of which are offered in sound-fitted format.

Installing DCC sound into Heljan’s ‘OO9’ Manning Wardle proved to be a bit of a challenge, but I had a ‘light bulb’ moment when faced with converting the more recent Lynton & Barnstaple *Lyn*.

In Chris Leigh’s review of Heljan’s *Lyn* (MR291), he mentioned the number of steps (and screws!) involved in getting inside the model. While it might have put Mr Leigh off opening it up, it’s not too difficult if you study the instructions carefully. There are three screws to remove, but first it’s necessary to unscrew the pony truck pivots. Beware – the rear truck features delicate power collecting strips and the accompanying cables are very easily broken (as I soon found out!).

Having already used Zimo M649N decoders in my two Bachmann ‘Baldwins’ I decided to use the same chips again,

009 GAUGE | 4 hrs |

obtained from Digitrains with its active sound project. I also bought a Mini Sugar Cube speaker from the same source.

The plan was to plug the decoder into the Heljan trailing socket, which would be relocated into the cab interior. However, the combined length of the decoder and socket was too long to fit inside the cab.

I overcame this problem by carefully bending the decoder pins through 90º, then shortening them by approximately 3mm. A small slot had to be cut into the right-hand side of the backhead, to provide a few extra millimetres of space and allow the power cables to enter the cab safely. When placed at a suitable angle, the combined circuit board and decoder now fit happily inside the cab and the speaker was fixed under the cab roof with Black Tack.

Testing proved that all was well, the decoder’s address was changed to 762 to match the locomotive’s running number and the body was carefully replaced, along with the pony trucks. While replacing the rear truck, one of the aforementioned pickup wires came adrift, and required a repair. As the wire had broken above the original soldered bond, thus shortening the overall length, the whole wire had to be replaced, which proved tricky.

Anyway, *Lyn* is now running successfully, and I’ll eventually get round to fine-tuning the decoder. For now, she sounds chuffing good!

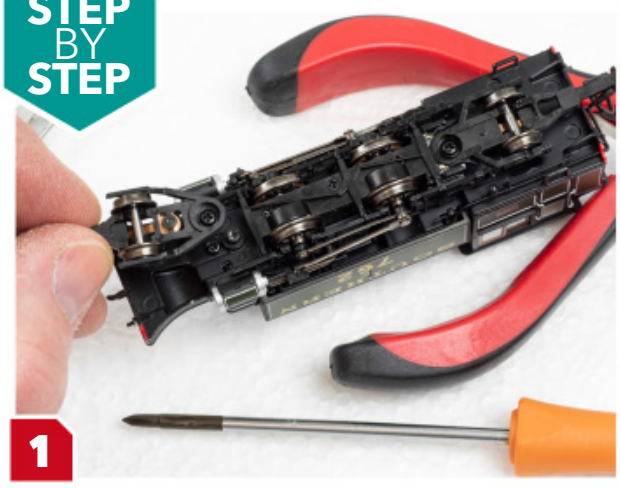
Editor’s note

Inspired by Chris’ approach, I decided to follow his advice and fit my own Heljan L&B 2-4-2T with the same decoder and speaker combination. Like Chris, I also encountered a problem with one of the power collection cables to the rear pony truck. However, in my case, the wire hadn’t been soldered to the pick-up strip properly in the first place, so the repair proved much easier, without a need to replace the entire cable.

It’s important to note that moving the model’s main circuit board into the cab interior results in the loss of power to the front lamp. However, running two new wires from the contacts on the PCB to those in the smokebox is all that’s needed to get it working again. ***(GD)***

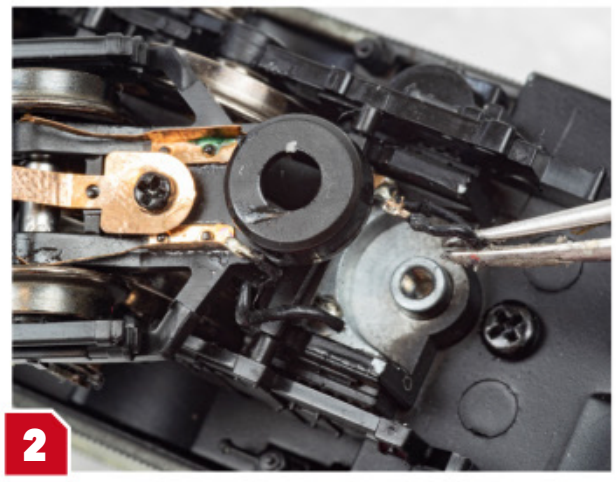
sponsored by
HARDER & STEENBECK
www.harder-airbrush.eu

STEP BY STEP



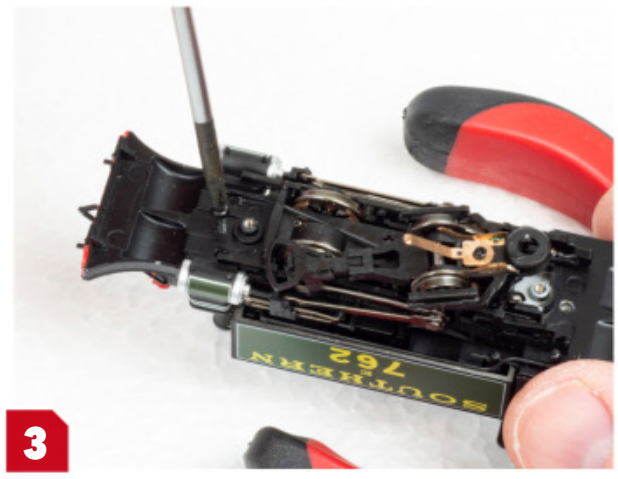
1

With the upturned model held securely, work started by removing the body, as per the Heljan instruction sheet. The front pony truck, which doesn't feature power collection, was removed first.



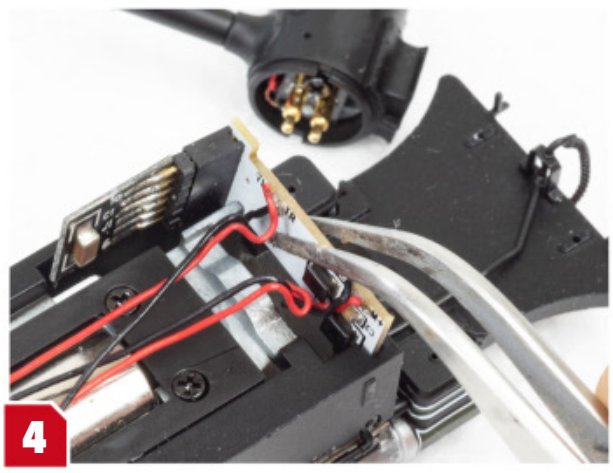
2

The rear pony truck also needs to be removed to provide access to the rear body mounting screws. Take care not to damage the power cables, one of which had already come adrift on George's model – this would be fixed later.



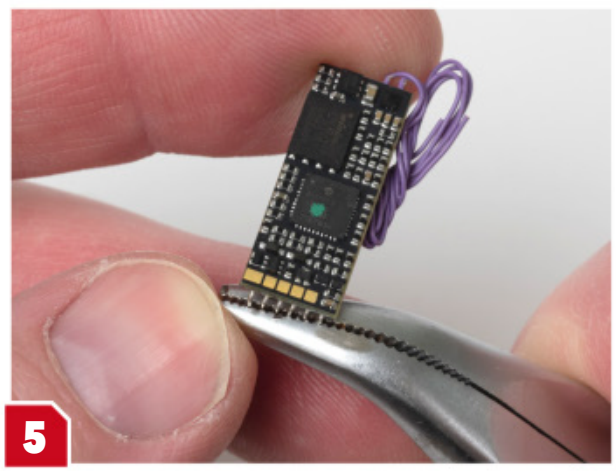
3

The front mounting screw releases the smokebox assembly, while the other two screws secure the cab and main boiler section. Place the screws and any loose parts into a lidded container for safe keeping.



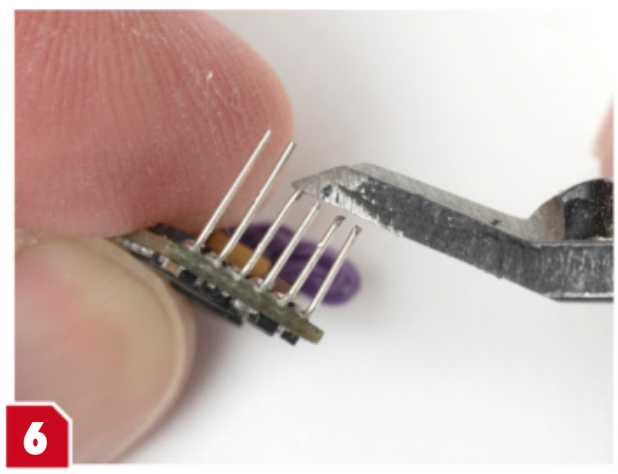
4

The circuit board and decoder socket are held in slots in the chassis block and can be pulled out gently with tweezers. The Zimo M649N chip is much longer than the slot, so the PCB must be moved into the cab.



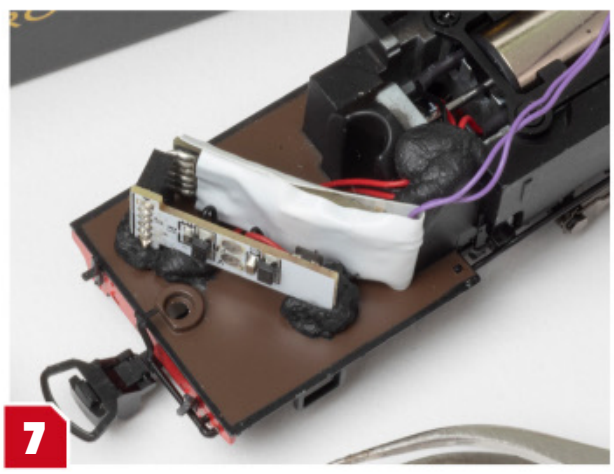
5

To allow the Zimo decoder to fit into the cab interior, the six pins were gently bent to a 90º angle with fine-nose pliers. Care must be taken not to put stress on the soldered bonds with the circuit board, so be gentle!



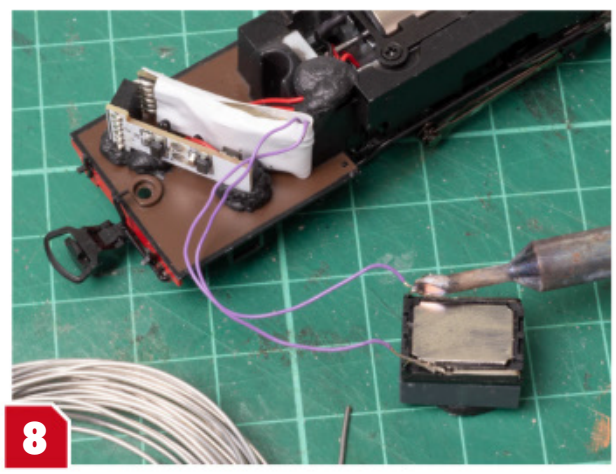
6

To ensure a snug fit with the decoder socket, the pins were shortened by approximately 3mm with a set of good quality, sharp metal cutting shears. Take care not to deform the pins excessively.



7

I wrapped the decoder in insulation tape before slotting it into the locomotive's circuit board, to avoid short circuits. Black Tack holds the circuit boards in place within the cab, with the re-routed cables also held with Black Tack.



8

The two wires from the sound decoder were shortened slightly before being soldered to the tags on the Zimo sugar cube speaker. The speaker will be fixed to the inside of the cab roof with Black Tack, which is extremely sticky.



9

The right-hand corner of the backhead was cut away to allow the cables to run into the cab and provide clearance for the decoder. A few test runs were required, to check that the boiler and cab sections would fit correctly.



10

After reattaching the body to the chassis, the loose cable was soldered to the rear pony truck before the model was tested thoroughly.

What Chris used

SHOPPING LIST

- Zimo MX649N 6-pin Micro Sound decoder, £99.00
- SP15 by 11 by 9 Mini Sugar cube speaker, £9.00
- Black Tack £2.00



Availability: Digitrains
Tel: 01522 527731
Web: *www.digitrains.co.uk*

TOOLS

- Miniature screwdrivers
- Tweezers
- Fine-nose pliers
- Soldering iron and equipment
- No-clean flux

Want to see more?

Turn to page 68 to see Chris Bone's idyllic 'St Judes Bay' layout. As a bonus, digital subscribers can see – and hear – Chris' sound-fitted *Lyn* in action! See page 28 for our latest digital subscription offers.



HOW TO

RECREATE MODERN CAFÉ CULTURE

Peter Marriott employs several new scenic products to create a contemporary town scene.

PHOTOGRAPHY: PETER MARRIOTT

Over the past two decades, the number of coffee shops has grown considerably in cities, towns and pretty much anywhere where pedestrians are found. Coffee outlets are especially concentrated close to, or within, railway stations, so they're definitely a pertinent subject for modellers of the present-day scene.

With this in mind, I looked around at what products were available to reproduce these in miniature. Firstly, I came across various

OO GAUGE | HO SCALE | 4 hrs

packs of tables and chairs from German manufacturer Auhagen, followed by a coffee stall-themed set of figures and accessories by Noch, which contains a 'barista' figure, a bike with serving trailer, three coffee-drinking figures, a sitting Alsatian dog, waste bin, tables and advertising signs.

I also came across various new paving sheets from Noch, designed for the hard landscaping of a market square in 'OO/HO'. Each sheet measures 210 by 155mm and features a convincing texture. Another key feature of modern public spaces is an array of young trees, planted around the edge of the hard landscaping. Another scenic kit from Auhagen was employed, featuring ten recently planted saplings.

Newly planted trees lack deep roots to give them stability. Saplings are thus exposed to strong winds without any protection and any movements of the root

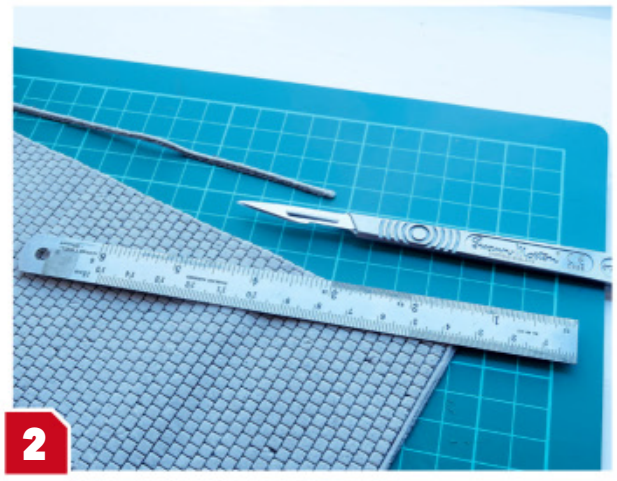


STEP BY STEP



1

Noch offers various types of paving. I compared two different types: random or square cobbles. Made from quartz sand and rock flour, they provide a natural appearance and will not fade over time.



2

The material has a thin, flexible backing which helps it cope with underlying baseboard imperfections. The first step was to remove the protective edge with a craft knife or scissors, to allow for more accurate marking out.



3

I found the material easy to work with, although I found that my pencil marks were difficult to remove from the surface. The material was cut to size and fixed to the landscape with PVA glue and left to dry.



4

The Auhagen Young Trees pack includes ten plastic saplings, with timber support poles moulded integrally with each tree. Square pavement inserts are provided, with 'soil' texture, mounting holes, and a bag of foliage.



ball can delay their growth. Hence, we often see newly planted trees with supporting timber posts, to which the trunk is strapped. The Auhagen tree kits include suitable posts, while a pack of six decorative grilles is also available for the open sections of pavement.

The completed scene took just a few hours to create and conjures up the appearance of a typical modern street scene. The various elements would certainly look at home outside a modern station.

What Peter used



SHOPPING LIST

- Noch 60325 Structure paving, £13.75; 16230 Coffee Stall set, £27.55
  Availability: *www.gaugemasterretail.com*
- Auhagen 70 950 Young Trees, £21.90; 42 658 Pavement Grilles, £8.50; 41 671 Tables and Chairs, £13.90
  Availability: *www.goldenvalleyhobbies.com*

TOOLS

- Knife and spare blades
- Sprue cutters
- Steel rule
- Tweezers
- Pliers
- Scissors
- Paintbrushes
- Cutting mat



5

After cutting the saplings from the sprue (ensure the base of the tree trunk and supports are cut to the same length) and shaping the branches, the parts were painted with a few different shades of matt brown acrylic paint.



6

When the paint was dry, the trees and their supports were fixed to the bases with a few drops of glue. I used UHU white glue, leaving the glue to turn tacky for a few minutes before the parts were joined together.



7

After leaving the individual parts to cure, more of the white glue was then brushed onto the branches. Again, this application of adhesive was allowed to turn tacky for a few minutes.



8

While waiting for the glue to turn tacky, clumps of foliage were cut and teased out into less uniform shapes. Don't worry if it looks a little bedraggled at this stage; there's time to finesse your foliage later.



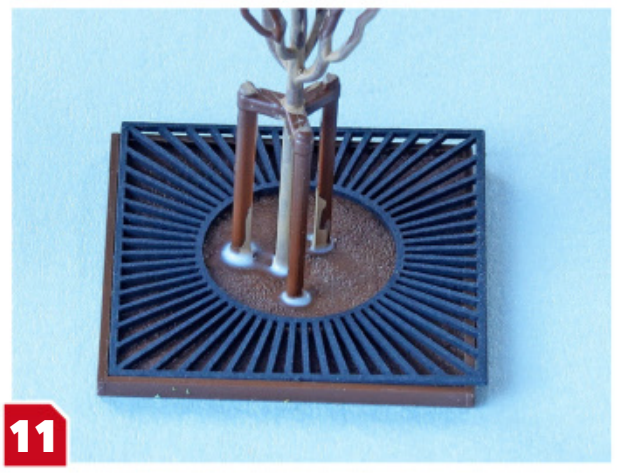
9

When the glue has dried fully, the foliage can be tidied up, if desired, with a sharp pair of scissors. Trees in urban settings tend to be kept well manicured, to guard against injury (and litigation against council authorities!).



10

The foliage was then fixed to the branches. Allowing the glue to turn tacky before adding the foliage allows it to stick instantly to the tree. There's still time to make any adjustments and more foliage can be added to fill any gaps.



11

The Auhagen grilles, available in a separate package, are moulded to fit the square bases perfectly. These grilles help protect the vulnerable roots of the trees, while allowing moisture to reach the soil.



12

Having worked out where the trees were to be planted, I used the bases to guide a scalpel blade as I marked out their positions in the paving material. With the tree out of the way, the square apertures were cut out.



13

With a steel rule and sharp blade, the scalpel cut through the cobble layer easily. The waste material was then peeled gently away from the surface. The square Auhagen bases fit nicely between the rows of Noch cobbles.



14

The tree bases were then planted into the square openings, secured with more of the UHU white glue. After checking that the trees and bases were correctly aligned, they were left to dry.



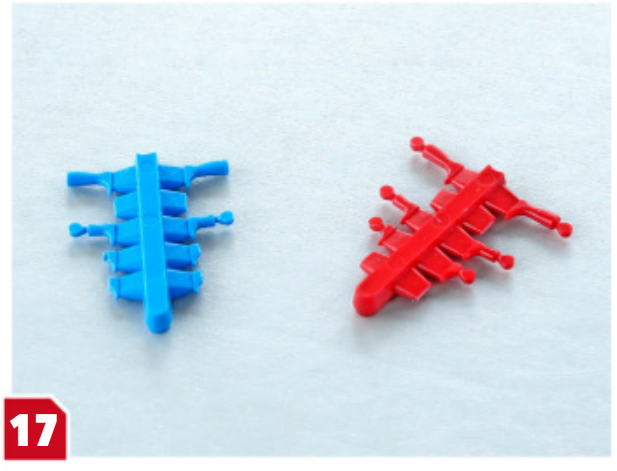
15

To complement the ready-made Noch coffee bar set, this pack of garden tables and chairs from Auhagen provided some suitable furniture for an outdoor seating area. All that's required is to cut them from the sprue.



16

Painting the furniture is optional, but I decided to make the effort, adding a coat of white acrylic paint. Scraps of coloured plastic, cut from waste sprue and spare kit parts, were cut and roughly shaped to represent cups and crockery.



17

This is some of the coloured plastic parts I used to represent cups and plates on the tables. I used brightly coloured plastic to ensure they would be clearly seen against the white table.



18

The Noch Coffee Stall diorama set features a cycle-mounted kiosk, tables, figures and waste bin. Pre-painted, the parts are ready to install. Just the thing for a street corner scene or an addition to a modern station forecourt.

sponsored by
HARDER & STEENBECK
www.harder-airbrush.eu



Urban inspiration



Coffee shops and kiosks have transformed the urban landscape in recent years, with many quirky options providing modellers with interesting projects, such as the converted police boxes dotted around Edinburgh. ALAMY





A typical young tree, planted in an urban environment, complete with timber support.

Noch's cycle-based coffee kiosk represents the kind of outlet seen in town and city centres, as well as station forecourts. This example is pictured outside Cardiff City Hall. ALAMY



PHOTOGRAPHY: PAUL BRAITHWAITE

HOW TO

BUILD A TIMBER PLATFORM

Architectural modelmaker **Paul Braithwaite** shares his method for building timber platform extensions to his model of Foleshill station.

I'm currently building a 'OO' gauge layout based on Foleshill, a former station on the Coventry to Nuneaton line. Built by the London & North Western Railway, the station later featured long timber platform extensions to the original brick-built structures. This was presumably owing to the vast development of industry in this Coventry suburb, resulting in rising passenger numbers.

Contemporary photographs of these later platforms show vertical posts along the front face of the platforms, without any angled bracing, as found at many other locations. This begs the question of how stability was achieved, and I've also been unable to fathom how run-off water was dealt with, from the abutting banks of earth which lined the shallow cutting in which the line runs.

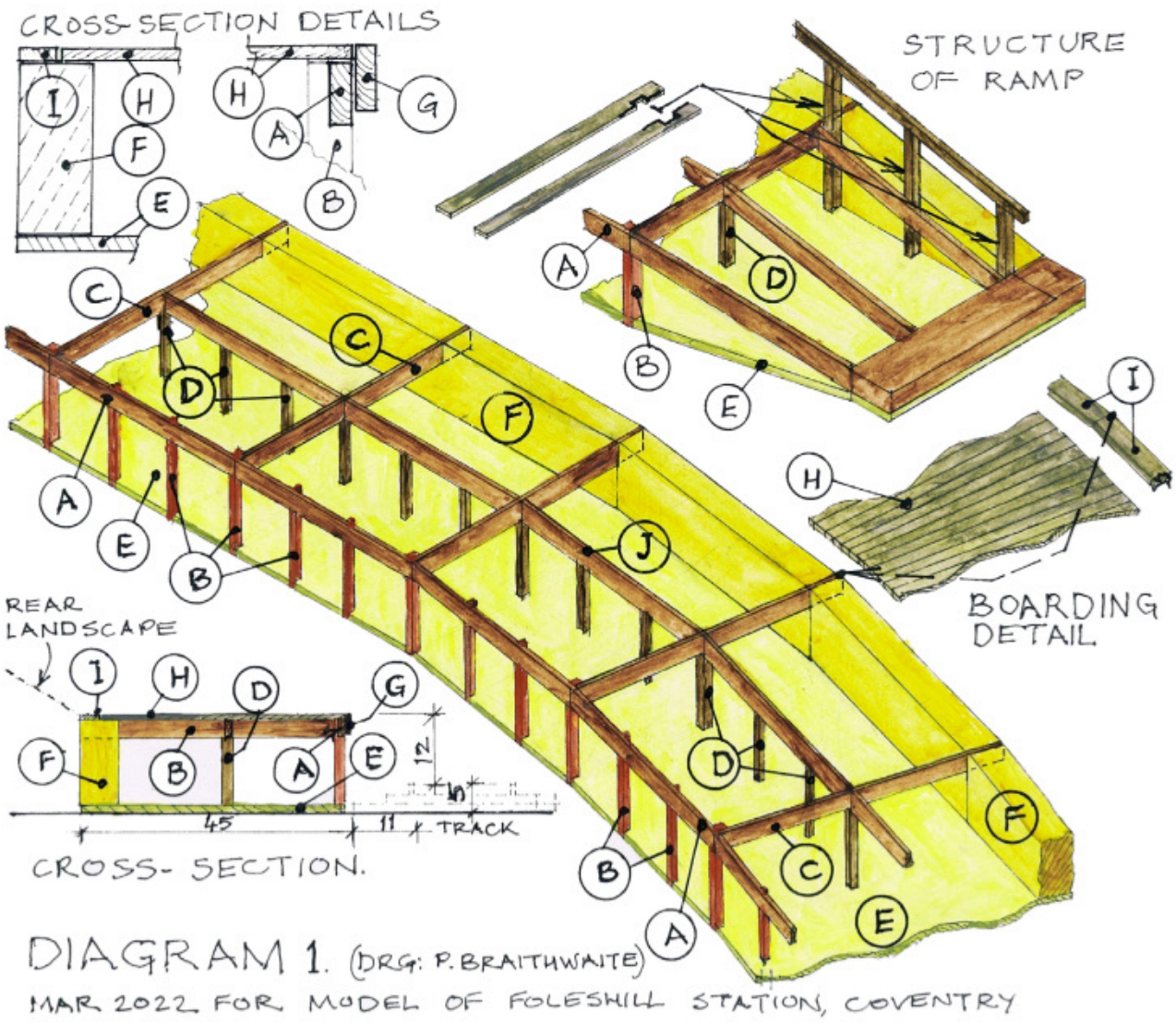
OO GAUGE | 18 hrs |

However, I chose not to delay progress on my layout by undertaking deep archive research, so it became necessary to do a little 'inventing'. To make life a little bit more difficult, I didn't have space to replicate the platforms to their full-scale length and they would have to feature curved sections, differing from the straight profile of the prototype.

This article shares my solutions to these challenges, revealing how my miniature version was constructed. To make things easier for readers, the various structural components are identified on the diagrams and within the step-by-step guide by letters.

sponsored by
HARDER & STEENBECK
www.harder-airbrush.eu





Notes for diagrams

Parts have been given code letters, as follows:

A – Front joist
B – Front post
C – Binder
D – Middle post
E – General base
F – Rear wall
G – Front rail
H – Deck boarding
I – Backstop board
J – Middle joist

What Paul used

- Parts **A**, **B**, **C** & **J**: basswood, 1.5 by 3mm section
- Parts **D**: basswood 1.5 by 1.5mm section
- Part **E**: mounting board, 1.5mm thick
- Part **F**: 6 by 15mm section made up of 6 by 12 and 6 by 3mm basswood
- Parts **H** and **I**: 0.6mm plywood

● Check the total lengths you require before starting work – it soon adds up!

STEP BY STEP



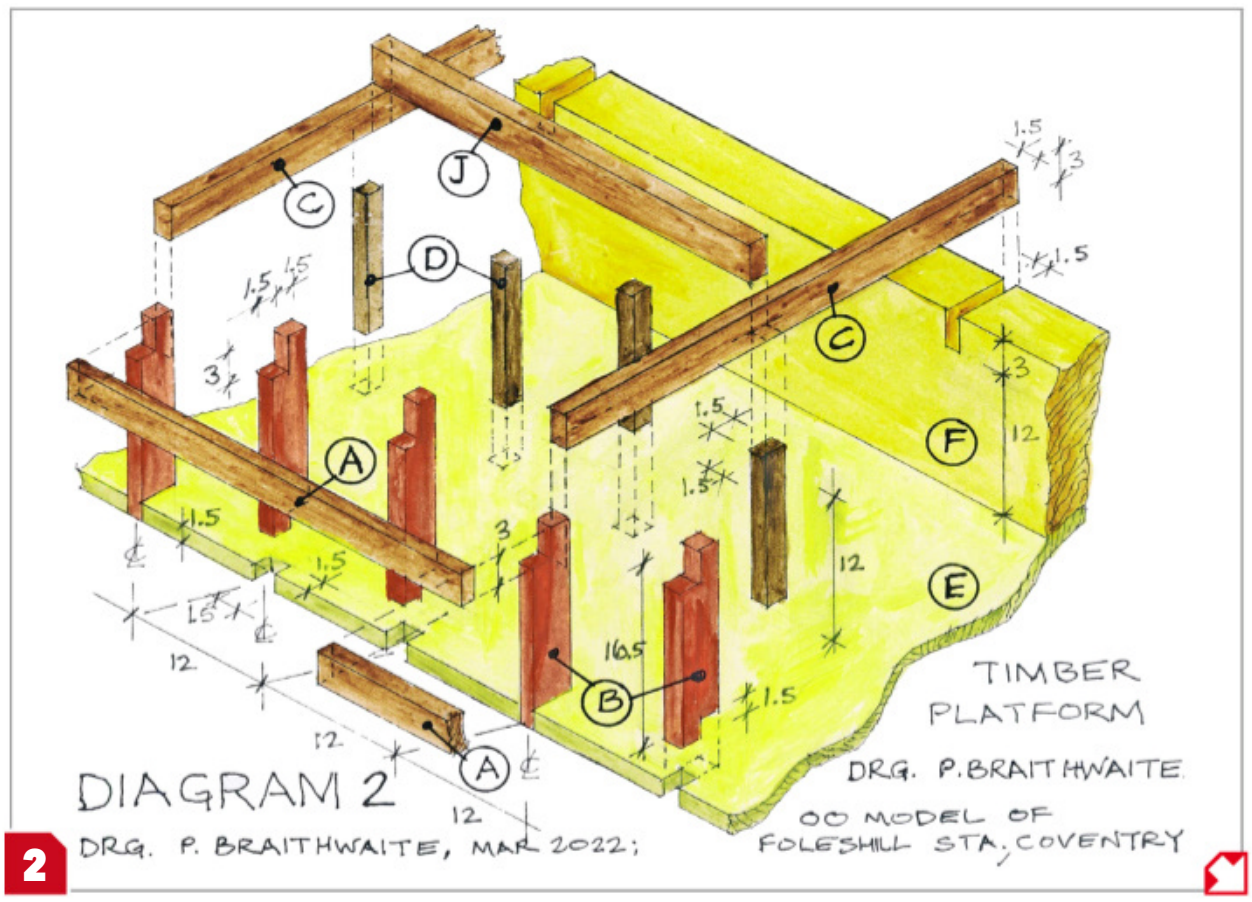
1

STEP 1 The design requires use of a piece of mounting board (or similar) as a base. Decide if you want the base to be solely for the platform or to extend to support background features, such as retaining wall or other structures. Draw out your proposed platform length and width. That's easy for a straight run, but what about the platform front edge beside curved track?

For that, identify your longer items of rolling stock, which will create a large degree of overhang beyond the nearest rail. In my case, it proved to be a particular locomotive when running in reverse. To plot the required clearance, I loosely laid a sheet of paper (rough cut to the track curvature) together with a series of timber blocks. Then I repeatedly ran the locomotive and coaches back and forth around the curve while making adjustments to the blocks until they took a face line just clear of the back end of the locomotive (where the problem was greatest). Use the position of the blocks to mark out the profile onto the paper.

Next, decide on the standard bay length for the trestle construction: in my case it was 36mm (three spaces between posts forming each bay). Mark out the bay lengths as a series of facets to create the nearest achievable line to that found with the blocks. Remember that the facets must be at tangents to the curve, not on the rail side!

Also, angles between facets should be regular if the curve is to appear smooth. You could make a better curve by faceting at every post spacing, but this would not be prototypical timber construction. Do not be over-generous with clearances. I wince at layouts where track curves are so tight that the platforms have huge gaps that only long-jumpers could clear to board a carriage! Maintain your platform width parallel to the facets to determine the positions of the backing wall. Transfer the final layout plan from the paper to the mounting board base.



2

STEP 2 Cut out the base **E** to the required profile and then cut notches along the front edge for receipt of the posts. Prepare the back wall by cutting rebates for receipt of the binders **C**. Standard basswood cut size is 6 by 12 so, if used, it needs 3 by 6 make-up strip on top which can be used stop-start along the wall length as an easy way of replicating the rebates. At facet junctions, the rebates become end notches at abutment to the next facet. Glue walls **F** in position on the base **E**.


3


4


5


6


7


8

STEP 3 All the posts should be true verticals. I found it best to glue parts **B** and **C** together to form an 'L' shape (note that the end of **C** should not go across the post rebate part). It should be a right angle if you aim for a level platform. The front ends of **C** will be the fixing plane for the left-hand end of joists **A**. Note that the binders **C** will be consistent length for straight parts but will be slightly longer on curves because they will be on a bisecting line between facets. You will need lots of these 'L' elements, so it might be worth making a jig to ensure accuracy. Proceed to glue these 'L' sections into position by offering the bottom of **B** into the base edge rebates **E** and the end of **C** into the rebate in the back wall **F**. Make sure that the posts are vertical in both front and cross-section planes.

STEP 4.
You should now have a base with a rear wall and a series of 'L' frames. Install the front joists, parts **A**. The left-hand end of each should mate with the end of bearer **C**, while the right-hand end should be glued to the rebated head of front posts **B** (see Step 2). These should align and, upon glueing, keep the 'L' elements at equal 36mm bay centres. Proceed to install the intermediate front posts **B**. If you want an end ramp, then provide sloping joists down from the end binder **C**. Fix balusters to the inner face of the back wall **F** to receive the handrail (see Diagram 1). Fix another joist to the inside of those balusters to support flooring boards. The boards are best laid in pairs, with notches cut to allow them to fit snugly around the baluster posts – see 'Structure of Ramp' in Diagram 1.

STEP 5.
Cut joists **J** to span between bay binders **C**. These help to resist sag on the deck boards in your model, as well as on the real thing. Then add the middle row of posts **D**. I painted the framing prior to addition of the boarding, keeping the upper faces of joists paint-free, to allow the glue to bond.

STEP 6.
For the deck boards **H**, modellers could scribe sheets of thin plywood or other sheet material for a speedy solution. However, it will look much better if you go the extra mile and cut out individual boards. I used 0.6mmm thick plywood, cut into 2.25mm wide strips, which allowed for filing edges straight and smooth to get 2mm finished widths. Sufficient rejects and specially cut pieces served for the tapered boards to create the curving effects and facets. Some slight variation in the abutments and top level will create a far more realistic texture.

STEP 7
Start by cutting out, then fixing, the backstop boards, parts **I**, so that their outer edges are flush with the extremity of the rear wall **F**. Floorboards run from the front face of parts **A** to this backstop. File the front edges of the deck boards to be flush with the outside face of joists **A**. Complete the assembly by mating the front rails **G** with the top edge flush to the top of the deck boarding (see Diagram 1 'Cross Section Detail'). Now paint (or complete) the remaining exposed pieces of structure.

STEP 8
I did try Indian ink to give the tar/creosote appearance of railway timbers, but it was far too intense. Even straight black paint is not convincing. My choice was a mix of acrylic dark brown with some black and a few other paints I had handy at the time. To get a weathered look, I adopted a 'splosh it on' approach to painting, with the paint mixing slightly unfinished to get random colour deviation for effect. It usually ends up looking more realistic than laboured brushing or spray work.

SAS Est. 1991

specialauctionservices.com

Glorious Trains

12 April 2022



A Bockholt Gauge One PLM 'Coupe Vent', sold for £6,000, part of Trains Galore 2021 that totalled £302,000

We hold ten or more train sales every year offering everything from N Gauge to 5 inch Gauge, including many lots of 00 Gauge in all of them. We also hold special train sales: Glorious Trains on 12 April and 14 June and Trains Galore on 20 December. We already have some important and historic collections consigned for this year, so watch this space. We are always taking in lots for our auctions and also are pleased to visit, as we travel widely around the country. Our auctions continue very successfully online only,
with a rota for collection and our own in-house packing service.

Please contact: Dominic Foster, Bob Leggett or Graham Bilbe
on + 44 (0)1635 580595 or mail@specialauctionservices.com

Special Auction Services,
Plenty Close, Off Hambridge Road, Newbury RG14 5RL



ROCKET RAILWAYS

Chris Gadsby visits Rocket Railways, which has taken a novel approach to selling – and recycling – second-hand modelling items.

Traditionally, railway modelling is not great when it comes to recycling. Sure, we use bits of discarded card and paper, but think of all the single-use cotton buds for weathering or the paints that go off because you haven't used the whole pot and then forgot to put the lid on properly. And what about the old buildings that you made again, but better, and the scatter material that you kept for use one day' but then never did? Well, there's one model shop that has taken the initiative to change all that, and has grown to become one of the market leaders in second-hand model railway products.

On a cold and wet Friday morning, we visited the Rocket Railways shop in Coalville and met with managing director Jason Thickpenny, who explained why he started the business.

"I saw a gap in the market. I don't take myself too seriously, and wanted to create a shop that felt a bit more welcoming. I then discovered there were lots of people like me, who ran whatever they fancied and weren't bothered about realism and taking it too seriously."

But what makes Rocket Railways stand out from the crowd? According to Jason, it's the commitment to recycling and getting the most out of everything that passes through the shop doors.

"It can be quite a wasteful hobby and we wanted to change that, so we founded Rocket Railways Reclaimed last year. The idea is that rather than picking and choosing the products we want to buy from you, that are going to make us the most money from a re-sale, we'll buy everything you have and then assess whether it's something we can



PHOTOGRAPHY: CHRIS GADSBY

sponsored by
HARDER & STEENBECK
www.harder-airbrush.eu





sell directly, put into one of our top-selling Mystery Boxes or be given away at one of our recycling days. We believe that everything has a use to somebody, so even the smallest item can be reused."

As we chat in the 'Reclaimed Room', it's hard for the eyes not to wander to the shelves of models, buildings and scenic materials and let the imagination flow with ideas of how you could use it all in a layout. It's not just reselling old products though, as Jason and his team are also using old railway items to make entirely new products.

"We have a decent number of old controllers that don't suit the modern motors in models, but rather than just throwing them into landfill we're turning them into desk lamps, using the speed controller as a dimmer. We believe everything can have a second home and be reused, no matter the condition. Even something that doesn't have any commercial value (such as an 80%-used grass mat Jason showed us that was there that day) can be given away on one of our recycling days. Somebody will have a use for it filling a gap in a corner of their layout."

MYSTERY BOXES

The Mystery Box has quickly become Rocket Railways' best-selling item, so to see what makes it so popular, we decided to get one. Retailing for £8, the box contains a random assortment of items that can be used on your model railway.

"Even I don't know what's in them as I don't pack the boxes!" Jason tells us as we eagerly await to see what arrives in the post for our mystery box. You can see what we do with our items on the following pages.



What's in our box?

It's worth pointing out that the work we do with these models from the Mystery Box isn't to try and get them back to as-new standard, as some of the models have damage that would cost as much to repair as it would to buy a new example. What we are focusing on here is making the models usable from a viewing distance if it's a piece of scenery, or making them run nicely if it's a piece of rolling stock. Of course, you can add more detail to the models than we have here as you can with anything. It's all down to personal taste. With a bit of time and effort though, you can create something which would cost you more than £8 to buy.

STEP BY STEP



1

I started with this British Railways Goods Office which was in a pretty good condition, other than missing a chimney and a wall. Rather than trying to replace the wall I decided to place it against the backscene, so it was just a case of tidying it up and replacing the chimney.



2

I began by removing the back wall where the card had become damaged. This will allow the rear wall of the building to sit flush against the backscene. I also scraped off the top level of card where the chimney will sit so I could get a flush fixing.



3

I was lucky, as a pack of Wills chimney and roof details was supplied in our Mystery Box. The new pot and plinth were fixed with Bostik glue. This sets quickly and, although it isn't perfect, it will be fine from a general viewing distance.



4

To finish the goods office, I used the drainpipes which were also in the Mystery Box. Before fixing them I filled in the edges of the paper with felt-tip pen to blend the colours as best I could, and then fixed the drainpipes.



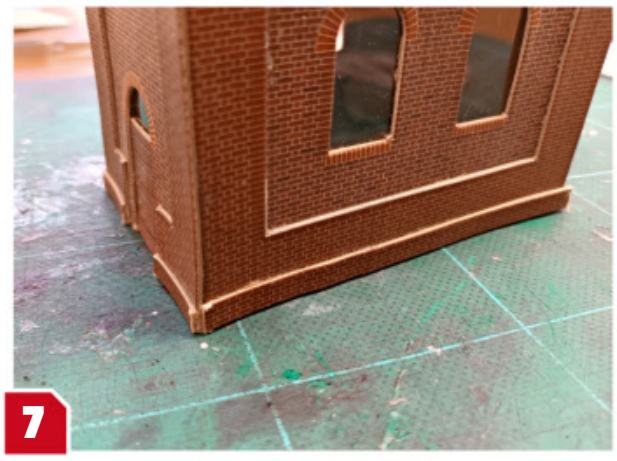
5

A second building was also in the box and, once again, it was a case of trying to make it as acceptable as possible from a viewing distance. The glazing was missing, so I replaced it with some clear acetate.



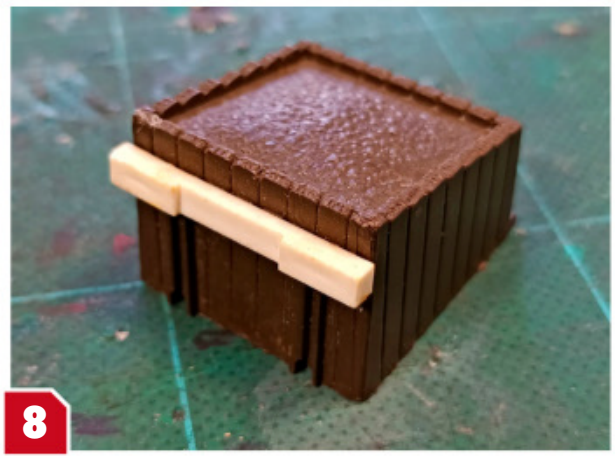
6

The sides of the building had bowed badly, so to try and square it up again I cut a piece of plastic card to the right dimensions and forced it into the base of the building. This pushed the sides of the building out again.



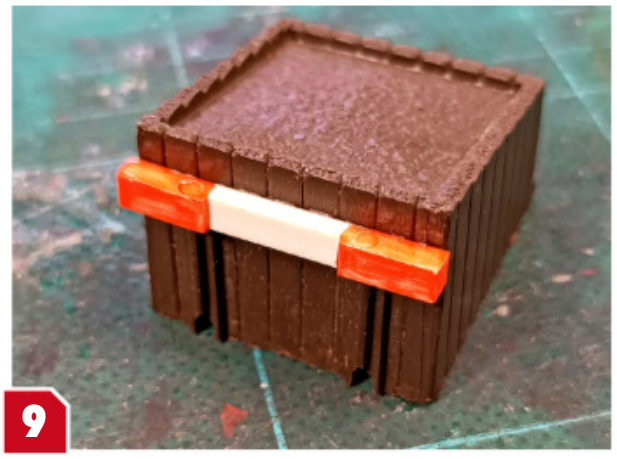
7

Finally, I re-glued some of the brick paper where it had come away from the cardboard. It's far from a perfect construction but if I was to tuck it in the corner of a layout it would still be usable.



8

With the buildings put to one side I began work on the bufferstop. It was usable out of the box, but it could be improved with a few tweaks. My plan was to add some detail to the bufferbeam and install some real coal in the bunker.



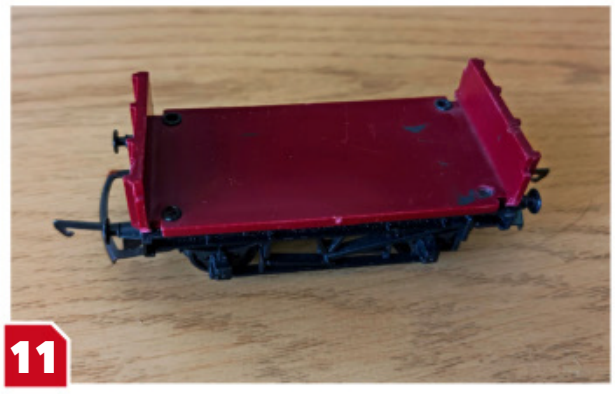
9

Firstly, I painted the sides of the bufferbeam red to help it stand out. As you can see, a second and maybe third coat will be needed at a later date. Use a small paintbrush to ensure you don't get paint in the wrong place.



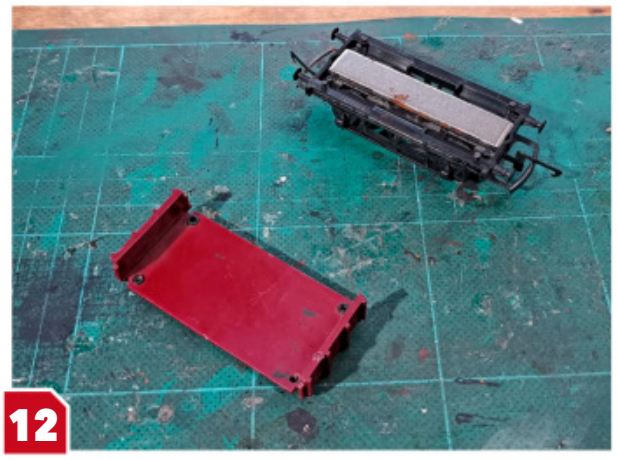
10

Adding coal to the bunker area of the bufferstop was easy. A layer of PVA glue was brushed onto the surface before sprinkling the coal on top – simple yet effective. The same process is suitable for steam locomotive tenders.



11

The final and biggest project was to get this wagon, the sides of which had been removed, back to an open box wagon that I could use on my layout. Before I started I did some research on Paul Bartlett's website (*https://paulbartlett.zenfolio.com)* and decided to make a ballast wagon.



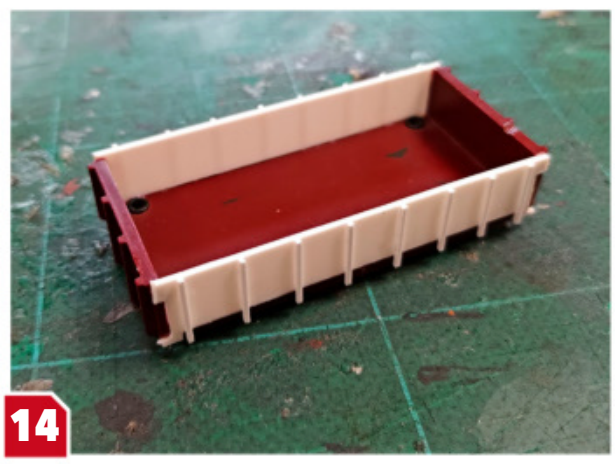
12

The first step was to remove the body from the chassis, which was easy as it's just clipped in place. Of course, as soon as I'd done this I couldn't refit it no matter how hard I tried, so had to come up with another plan...



13

The first job was to make sides out of plastic card that I bought on a visit to The Model Centre a few years ago. It was fixed in place with plastic cement and left to set for a few minutes before I began adding detail.



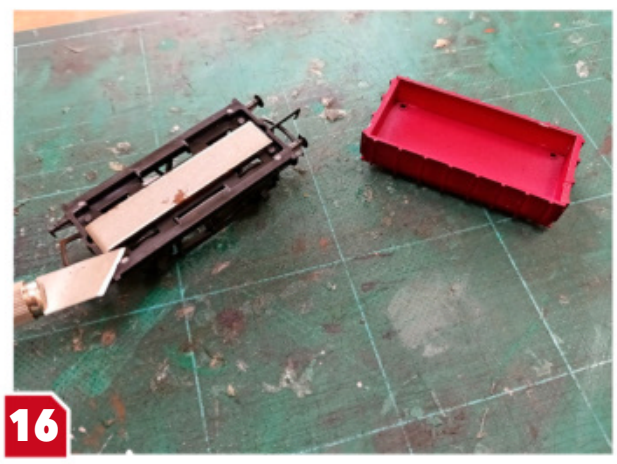
14

To match the ends, I added supports from plastic strip that I had in stock (Evergreen No. 131, 0.75mm). After measuring the centre-to-centre gap of the end ribs, I calculated that it would require eight per side, and this took up one strip from the pack.



15

I took the model outside to spray it with primer. I first sprayed it with white primer before using Ford Burgundy spray paint, which was as close to EWS maroon as I could get at my local Halfords. Ensure adequate personal protection and ventilation when spraying.



16

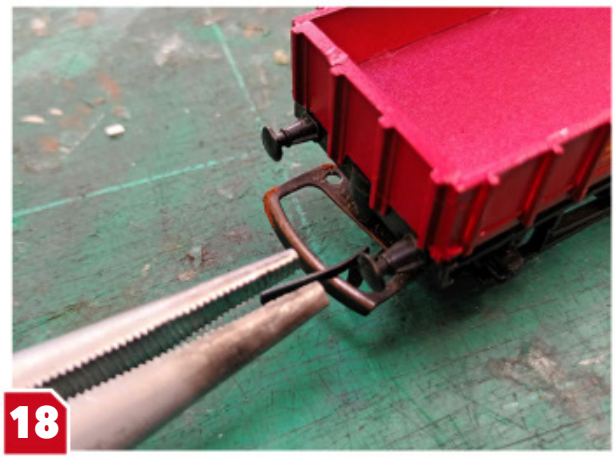
I couldn't get the body back onto the chassis, despite opening the holes with a file, so instead I decided to remove the lugs with a knife and glue the body back onto the chassis. The plastic was very soft and easy to remove.

sponsored by
HARDER & STEENBECK
www.harder-airbrush.eu



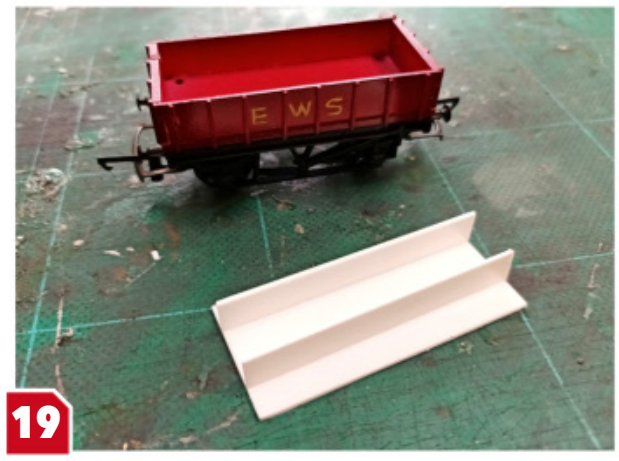
17

A used Humbrol Matt 24 to paint 'EWS' onto the side of the wagon. You can buy transfers but even though my hand-painted effort is far from perfect, I prefer it. Use a very fine paintbrush for more precision.



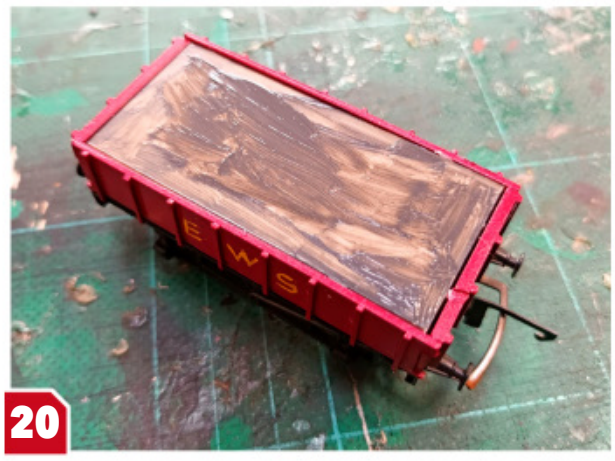
18

It was at this point I noticed that the tension lock coupling was bent at one end, so I used a pair of needle-nosed pliers to straighten it. Be careful not to use too much force. I was able to straighten it enough to eliminate any issues when coupling to other wagons.



19

To save material, I create a base substructure for the wagon before pouring in the ballast, otherwise I'd have used an awful lot! This was simply a piece of plastic card cut to size with a couple of supports to bring it up to just below the top of the wagon.



20

In case there were any gaps in the ballast I painted the plastic card roughly with grey paint to better disguise it, should it be visible. Similarly to when doing the bufferstop earlier, I then put a layer of PVA glue onto the painted plastic card for the ballast.



21

Once again, I used material I had in stock for the ballast and opted for Woodland Scenics Medium grey blend, pouring it on generously to ensure the entire layer was covered. Anything that spilled over was put back into the pot for later use.



22

I'm not the best wagon builder in the world but I'm pleased with my efforts here and feel I've created something that certainly looks good enough for my layout. When you throw in everything else that came in the Rocket Railway mystery box it really is incredible value.

Something for another time





Not all of the items in the Mystery Box feature in this article, but all of them have been saved for the future. The platform fencing and station equipment is in storage for a future layout and the ferry van is just missing a bogie, but there wasn't one available at the time of writing. I'll keep looking, and then when one appears I'll have another complete wagon for very little expense. The *Duchess of Gloucester* shell I'm going to save until I have purchased an airbrush and I'll use it to practise painting locomotives. The two model chassis can be used in a scrapyard scene, and the axle and figure just need cleaning up before being put into storage until a suitable time.







Know your stuff

This is where our team of experienced modellers answer YOUR questions. Email your queries about railways – real or model – to *modelrail@bauermedia.co.uk*



George Dent
MR's editor and chief modelmaker can offer advice on almost any subject.



Peter Marriott
Rumour has it that *MR*'s resident scenery buff even uses a Gras-Master on his own front lawn…



Paul Chancellor
Paul is the proprietor of the well-known railway photographic archive Colour Rail.

Keep up to date with *Model Rail* News online.

HOW TO

CREATE YOUR OWN WAGON MARKINGS

I'm repainting and weathering a fleet of BR mineral wagons and need to add numbers, TOPS codes and the like. As the wagons are to be portrayed in battered condition, I don't want the numbers to look perfect. Are there any alternatives to pristine decals for wagon numbers and codes?
Gary Moir, Leeds

00 GAUGE | 1 hr

George says: Careworn mineral wagons would often be patch-repaired and painted, especially during the 1970 and 1980s eras, when economy was more important than corporate image, particularly within the freight sector. Hand-applied lettering and numbers could appear haphazard, which is difficult to replicate in miniature using pristine decals.

One possible option would be to commission custom transfers from Precision Labels (*www.precisionlabels.com),* Railtec (*www.railtectransfers.com)* or Steadfast Models (*www.steadfastmodels.wordpress.com).* Such companies will usually produce transfers to your requirements and, if you can supply them with reference images, all the better. Paul Bartlett's website of wagon photographs is highly recommended, with countless prototype images to work from (*www.paulbartlett.zenfolio.com).*

A quicker alternative would be to try applying the numbers and legends yourself, with a fine ink pen. There are plenty of good quality artists' pens with super-fine tips, but they're seldom available with white ink. In the past, I've used Rotring Isograph ink pens, which are available with various nib sizes and can be recharged with Rotring's own range of black or white inks. However, the white ink can be prone to clogging up the finer tips unless they're emptied and cleaned immediately after use.

A more user-friendly – and cheaper – option would be to use a calligraphy-style pen, sometimes known as a 'dip ink' pen. These can be found in art and craft stores for between £5 to £10 for the pen handle and a bunch of interchangeable nibs. They have come back into vogue in recent years, marketed towards comic art enthusiasts. However, check that a pack contains one or more fine-pointed tips – the finer the better.



Left: Rotring Isograph pens are available, with various nib sizes and a choice of ink colours, but George has found that the white ink clogs the nibs too easily, which can be tricky to clean. Calligraphy-style 'dip ink' pens are cheap and simple to use, in conjunction with artists' ink.

Pristine numbers and lettering can look incongruous on grubby freight wagons, especially when modelling the 1970s and 1980s era. Hand-lettering offers a cheap alternative, but it does take a little practice to get it right.

A jar of artists' white ink is also required, with Winsor & Newton's No. 974 White being recommended. The nib of the pen is simply dipped into the ink before making the marks on the model. A degree of surface preparation is essential, so that the ink and pen can work effectively. This is especially important if you've undertaken some of the weathering and distressing beforehand. Indeed, this can be an important step, as the prototype may well have had new number panels applied over a rough, rusty surface.

Black backing panels can be painted on by hand, using matt enamel or acrylic paint. Drawing straight onto this black paint should be possible, but I prefer to add an intermediate layer of clear satin varnish. Not only does this seal the underlying finish, but it also helps the nib of the pen to glide over the surface – thus producing superior results. Before the white ink dries, it can be removed, if necessary, with a cotton swab dipped in clean water.

After a degree of practice, you may be able to work freehand, but if some help is required to keep the lettering and numbers straight, a strip of low-tack masking tape can be used as a guide. Drawing feint pencil lines will also help, but these may be difficult to remove without disturbing the white ink.

Practice is important, so trialling the technique on scraps of card is highly recommended, progressing to scrap or old models to gain experience of working on a three-dimensional object. The ink pen can also be used to add white stripes and other adornments, using a thicker nib as necessary.

STEP BY STEP



1

All you need is an ink pen set, ink, a jar of clean water and kitchen towel. Improvise a rest for your wrist with a book, ensuring you can move the pen freely. I wrapped masking tape around the pen's handle to afford a better grip.



2

Shake the bottle of ink thoroughly before opening the jar, to disperse the heavy pigment evenly within the fluid. Dip the nib into the ink, submersing the hole, which helps to retain the ink in the curve profile and allows it to flow down towards the tip.



3

Test the flow of the ink on a scrap of coloured paper or card. Here's a tip: Card train tickets are great for this kind of thing, as well as acting as a palette for mixing paints or something onto which glue can be decanted, which can then be applied precisely with a pin.



What George used

- Set of 'dip ink' calligraphy pens and nibs, Winsor & Newton white ink
  Availability: Art and craft stores



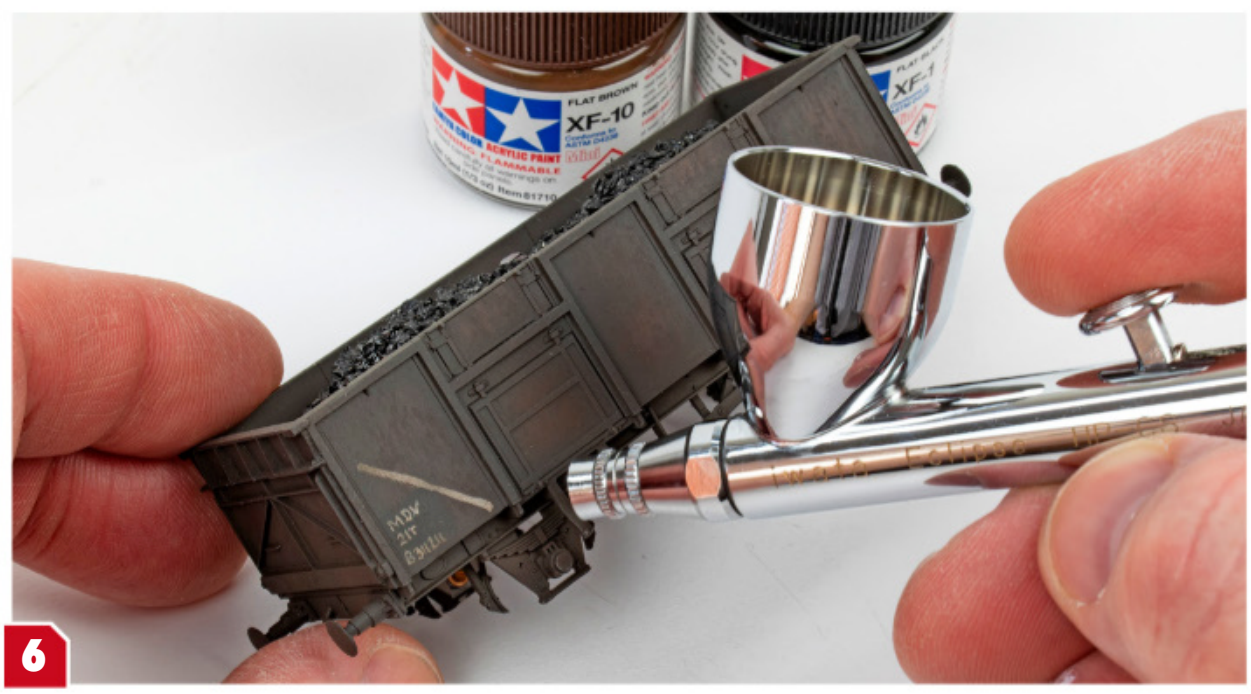
4

When you're happy with the flow of ink, start working on the model. Take your time and concentrate on one row of data at a time. The ink stays workable in the pen for a minute or so, which is enough to treat each row.



5

It pays to clean the nib frequently, rather than risking it clogging up mid-letter or number. Dip it into the water after each element has been drawn (TOPS code, number and so on), wiping the nib clean and dry with tissue.



6

Depending on the brand of ink, it should resist handling once thoroughly dry. However, for longevity, a thin coat of clear matt varnish is recommended. The white markings may appear bright, but can be toned down either with a misting of generic 'dirty' brown paint via an airbrush, or with a very gentle application of weathering powder.



Above: All of the BR(S) DEMU classes began life in 'plain green' livery with the shade of paint being the same as that used on Southern Region EMU stock. This is seen on Hastings unit 1013 at Ham Street station in 1960. D. OVENDEN/COLOUR RAIL

KNOW YOUR... LIVERIES

PART 10: Southern Region Diesel Electric Multiple Units

Paul Chancellor examines the colour schemes carried by British Rail's Southern Region DEMUs.

The Southern Region of British Railways was unique in adopting electric transmission for its diesel multiple unit fleet, which led to the new trains being classed as DEMUs. Three basic designs emerged in the late 1950s, with each featuring a single diesel power unit mounted above the carriage frame, as opposed to the underslung engines adopted elsewhere on BR. The types were designated 'Hastings', 'Hampshire' and 'Oxted', these monikers reflecting the routes on which the trains were intended to work, although enthusiasts referred to them all as 'Thumpers', owing to the characteristic noise they made.

The Hastings units later became classes 201-203 under the TOPS classification system, featuring slim bodies to cope with the limited clearances of that route, particularly the narrow tunnels. The early Hampshire units were built as two-car sets, but such was the growth in passenger numbers that they were soon augmented to become three-car units. A small number of two-car sets remained and, when TOPS was introduced in the early 1970s, they were designated as Class 204, with the three-car sets being Class 205. Some of the units were allocated to routes in the Sussex and Kent areas from new and, owing to their longevity, they ended up working well away from home territory, being regularly used on Portsmouth to Bristol services for example.

The third tranche, dubbed Oxted units and later Class 207, were three-car sets, similar in specification to the Hampshire units but were readily identified by a less spartan-looking front end to the driving cars. All three types followed a similar course when it came to the application of liveries, as seen in the accompanying photographs.



The first livery variation was seen on the Hampshire units when a large 'V' was applied to one cab end, denoting that this carriage included the guard's compartment. This was normally applied in cream but is seen here in orange on set 1112 at Millbrook in 1963. In theory, similar markings should have been applied to the Oxted units, but I've yet to see photographic evidence to prove this. COLOUR RAIL



Left: From 1966 onwards, any unit repaints should, in theory, have been in Rail blue, and Hampshire unit 1102 was an early recipient, becoming one of a small number of units to have this combined with the small yellow warning panel, seen here at Southampton in October 1966. As the Oxted units had only recently arrived, it is unlikely that any of the class were repainted in the brief interlude when just yellow panels were applied. COLOUR RAIL

Below: The Southern Region was very slow to apply yellow warning panels to its stock and, when they did, the panels were small. At the same time, the large 'V' morphed into an inverted black triangle to denote the guard's compartment on both Hampshire and Oxted units. Oxted set 1308 carries this livery at South Croydon in August 1967. COLOUR RAIL



The Hastings units were designated as 'Express' passenger stock and therefore were not repainted in plain blue, but went straight from green to blue and grey. Unit 1002 displays this at Charing Cross in 1986. Both of the other types, having initially been painted blue with full yellow ends, also received blue and grey livery. COLOUR RAIL





Both the Hampshire and Oxted units survived in traffic long enough to move into the sectorisation and privatisation eras. Thus, both types received Network SouthEast livery. By this time the units had also been renumbered under the TOPS scheme, and 205030 is seen at Basingstoke in 1989. D. PYE/COLOUR RAIL

After around 40 years in service, some Class 205s and Class 207s received the yellow, white and blue livery of private operator Connex South Central. The yellow cab fronts were reduced to half height, with black applied to the upper half. Unit 207205 stands at Appledore in 2003, a year before the final 'Thumpers' were withdrawn. D. OVENDEN/COLOUR RAIL



ILLUMINATE LOW-RELIEF BUILDINGS

Can I add working lights inside resin low-relief buildings?
Fred Hodges, by email

Peter says: Yes, most resin ready-to-plant buildings are suitable for illumination, especially those from the Hornby Skaledale and Bachmann Scenecraft ranges. Provided that the windows feature clear glazing, the addition of interior lighting provides a simple project. Over a decade ago, Hornby added the Skale Lighting system to its Skaledale range, featuring pre-wired lighting circuits that could be connected to a suitable power source. However, this range has not been available for a few years and the use of small filament-type bulbs has now been superseded by Light Emitting Diodes (LEDs).

Woodland Scenics developed its Just Plug lighting system especially for use within buildings built from card, wood or resin, proving itself extremely popular with modellers. As its name suggests, the components plug together for simplicity, so there's no need for soldering. Its modular design allows for easy expansion and the system is compatible with both DC and DCC and is suitable for any scale. Furthermore, the brightness of individual LEDs can be controlled via the Light Hub unit and LEDs are available in various colours.

Each Light Hub unit can power up to 12 Woodland Scenics LED streetlights or four individual lights, and can be powered from a dedicated power supply (available separately) or from the uncontrolled output from a power transformer/controller (16-20V AC). Alternatively, a matching Battery Case is available, which can accommodate two 9V batteries.

I've found that the Just Plug system works just as well inside plastic kit-built structures as resin Scenecraft/Skaledale buildings. However, the interior does need to be prepared correctly, to contain the lighting to certain rooms and, most importantly, to prevent 'bleeding' of the light through the fabric of the building.

The simplest way of preventing light 'bleed' is to paint all interior surfaces with a few coats of matt black paint. Woodland Scenics offers a Light Block Kit, which contains a 59ml jar of black paint, plus strips of flexible black strip, which can be run into any joints. Using strips of card or plastic sheet to create interior walls will suggest that single rooms are being illuminated – useful for domestic buildings which are less likely to have every room lit – especially during an energy crisis!



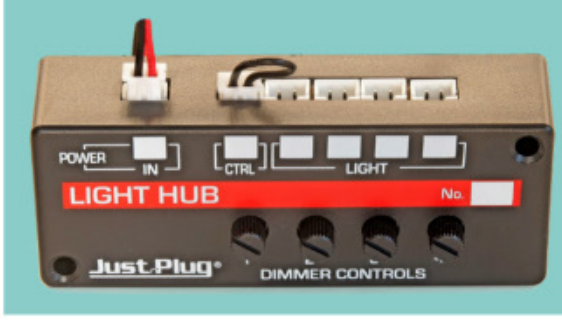
What Peter used

Buildings

- DPM Three townhouse fronts (£22.75), Scenecraft 44-289 Low-relief modular mill façade (£39.95), Scenecraft 44-290 Low-relief modular mill entrance (£14.95).

Lighting

- Woodland Scenics JP5700 Just Plug Lights and Hub (£19.25), JP5716 Light Block Kit (£16.50), JP5746 Nano Lights Green (£11.00), JP5740 LED Stick On White (£11.00) **Availability:** Bachmann stockists **Web:** *www.bachmann.co.uk*



STEP BY STEP



1 Here, I'm using a pre-finished Bachmann Scenecraft low-relief mill façade and modular entrance, plus a plastic kit from the DPM range, featuring three townhouse fronts, which have been assembled and painted.



2 The interior of the resin Scenecraft mill is unpainted. Installing an interior light will result in an unrealistic glow through the brickwork. There are no internal partitions either, so the light will show through all apertures.



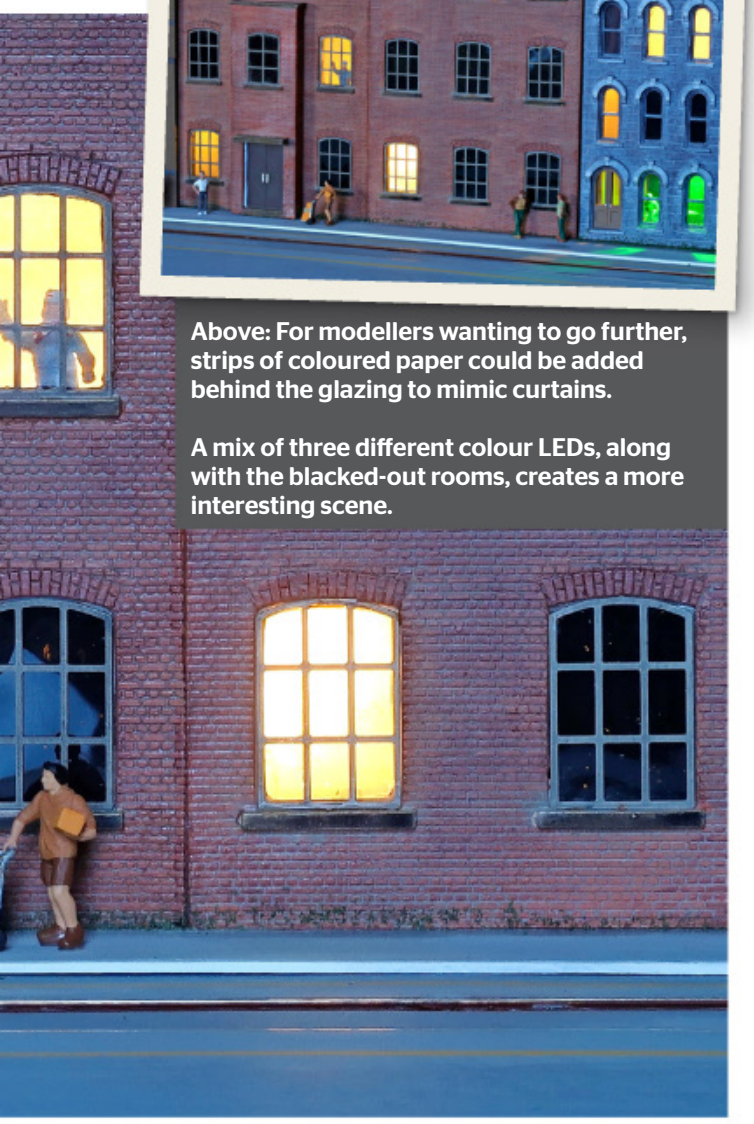
3 Both the plastic kit and Scenecraft mill will benefit from a few coats of matt black paint. I used the paint from the Woodland Scenics Light Block Kit, which needed at least two coats, but any decent paint formula will suffice.



4 The plastic townhouse interiors were also painted black, before fixing the clear glazing sheet in position. To prevent light showing through some of the 'rooms', black paper can be fixed behind the glazing, or the clear plastic could be painted instead.

5 To add depth to the low-relief buildings, but also to create separate rooms that could be illuminated individually, walls were created from scrap card. This will let me fit different coloured LEDs to different areas of the building.





Above: For modellers wanting to go further, strips of coloured paper could be added behind the glazing to mimic curtains.

A mix of three different colour LEDs, along with the blacked-out rooms, creates a more interesting scene.



6 The Woodland Scenics self-adhesive LEDs are available in seven different colours. The Nano lights also offer the option of flashing lights. All simply plug into a Light Hub unit, which can be used to dim each light individually.

7 With one LED fixed to the main ceiling and a different coloured LED inside the closed 'room' on the ground floor, the building is ready to fit to the layout. Check everything is working correctly first.



HOW TO

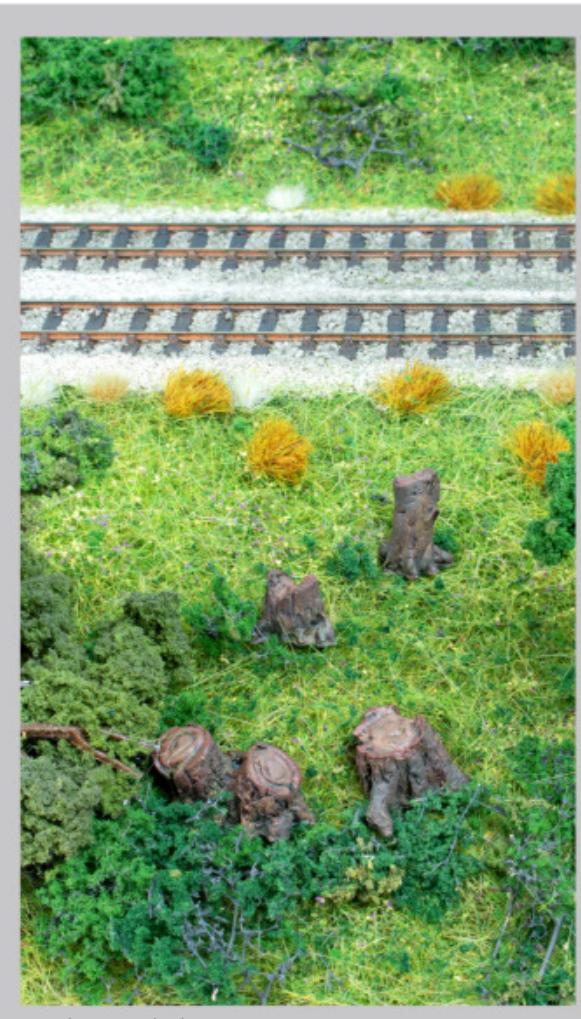
RECREATE TREE STUMPS

My railway embankment needs to include tree stumps, reflecting some recent clearance work by Network Rail. I've tried planting short sections of twigs and tree branches from the garden, and they look OK, but they're too straight and lack any hint of spreading roots at ground level. Do the *Model Rail* team have any alternative ideas?
Malcolm Green, by email

George says: Twigs and branches can be highly effective, provided you can find suitably 'knobbly' examples. Cutting them in the right place and planting them judiciously, it's possible to portray a sense of the distinctive bulging at ground level. This is often fine for depicting the stumps of younger trees, but they'll lack the spreading root structure that's typical of older trees.

I recently came across a pack of cast resin tree stumps from the Green Stuff World range. The pack contains eight different stumps, each with plenty of bark and grain texture, and some of which suggest broken trees rather than neatly felled specimens. All they require is priming and painting prior to planting into the scenery and the sizes look suitable for use on 'OO' or 'O' gauge layouts. I especially like the randomness of the stumps, some of which feature twin or triple trunks, and the height ranges from 15mm to 35mm.

Product: Green Stuff World Tree Stumps
Price: €8.80
Availability: *www.greenstuffworld.com*



Adding realistic tree stumps to your scenery brings an extra sense of realism.



Above: Green Stuff World offers packs of eight different resin tree stumps, suitable for 'OO' and 'O' gauge layouts.

Below: Stuck to a scrap of wood using double-sided tape, the stumps can be primed, painted and weathered before they're planted into the scene.



A little piece of **Devon**

Rather than begin with a large, ambitious layout, **Chris Bone** took the modular approach, building his own miniature world one section at a time.

Words: **Chris Gadsby** Photography: **Chris Nevard**



What makes this layout great?

“Not only has Chris managed to get two gauges to blend together at ‘St Judes Bay’, but he’s set it against some spectacular scenery which has resulted in a superb layout. Each extension has added more to his creation and it’s one you could stare at all day.”

It's a common theme among modellers: no matter how much space you have for your model railway, you always want more and envisage what you'd do if you had just one or two extra feet on the end of your creation. This is a vision most of us have because we tend to immediately build to the maximum dimensions, but what Chris Bone has done with his layout, 'St Judes Bay', is start small and gradually make it bigger over the course of many years.

"I had a layout which was based on a Cyril Freezer plan of Exeter Central station, but it was built to a 2000s standard and the model railway world has moved forward substantially since then, so I decided about a decade ago that the time was right for a new layout and a new challenge. The layout was demolished and I started again with an 8ft section with a fiddleyard at each end based on the north Devon line. My interest has always been in the southwest region, despite the fact that I grew up in the mid-1950s at the side of the West Coast Main Line. I can vividly remember the conversion to electrification but it never inspired me to get modelling as much as Cornwall and Devon did."

Built in 2012 using Scaleway bullhead track and Marcway points, the first part of 'St Judes Bay' constructed was a kit-bashed Wills viaduct, extended to reach the ground and with the parts carefully blended together so that the join is no longer visible.

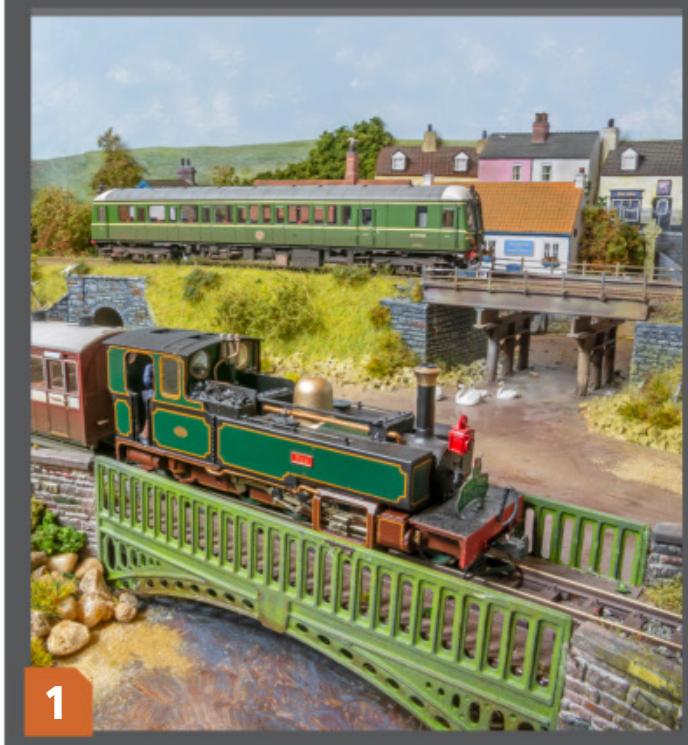
"I've seen some layouts with these kits where you can see the join between the different sections of the viaduct and, in my opinion, it detracts from the overall look of the model, so I spent a long time making sure it blended perfectly. That kept me satisfied for a couple of years but then I decided to ➤



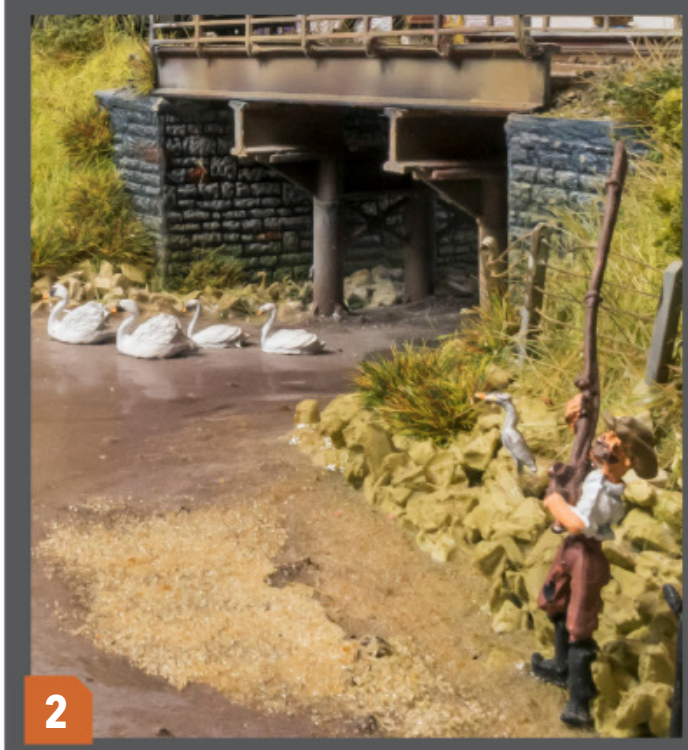
2



3 things we like



The ornate bridge over the creek (a Wills kit).



A very optimistic angler on the banks of the creek.



The worse-for-wear car underneath the '009' line.



build a station to the right-hand side to replace the fiddleyard. It was relatively straightforward to plan as I only had seven feet to play with and the track had to connect with the initial viaduct, so there wasn't a huge amount of variation I could put in. I wanted an open Cornwall/Devon-type feeling to the station to match the viaduct and used a card kit based on a North Devon station, which was typical of the area. The platform is scratchbuilt and the goods shed is another card kit. One thing I did put on the layout straight out of the box was a Ratio engine shed, simply because I liked it."

Once again the layout kept Chris happy for a couple of years until he decided to remove the fiddleyard from the left-hand side of the viaduct, go the full nine yards, and extend the layout around the corner of the room into an 'L' shape.

"In the corner I've modelled a representation of Cockwood Harbour, paying close attention to small details you might not think of initially, such as just how the boats are moored. I visited my local harbour and took photographs of where the boats were in relation to the jetty and what they were using for moorings so that I could replicate it. After some thinking, I had a brainwave and drove to the local Marks & Spencer. There was a sale on jewellery and I bought a few chain necklaces that in total cost me about £5. The chain looks superb as a mooring chain and the beads as buoys, but the shop assistant did look slightly perplexed for a moment when I told her I was going to be cutting the necklace up! The cottages are resin buildings from Hornby and Bachmann. I'd love to have the patience to ➤





> "I visited my local harbour and took photographs of where the boats were in relation to the jetty and what they were using for moorings so that I could replicate it"



6 **The first 8ft section was self-contained, so all the other sections also had to be self-contained. Although they're linked, they can all be viewed as standalone pieces. This results in a number of quirks throughout the layout. For example, the sea level is higher than the land at the bottom of the viaduct, but those sections are too far away from each other to be viewed at the same time.**

7 The narrow gauge extension has introduced another dimension to the layout but has to be treated as preservation era, while the standard gauge can depict any time period as Chris owns a variety of stock.







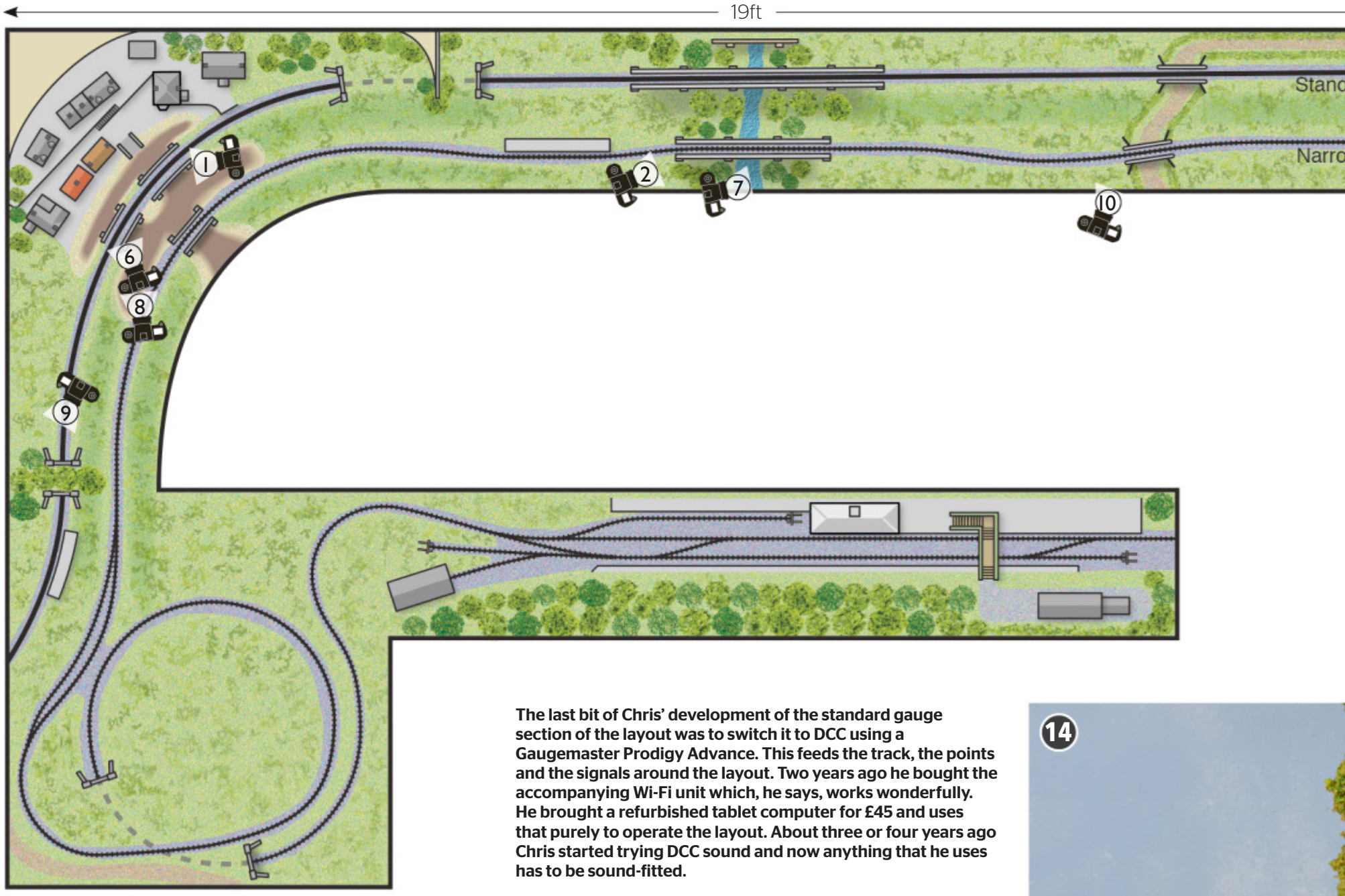
scratchbuild them but I needed something quickly to finish the area and thought that resin was the right way to go."

Adding the corner section meant that the traverser fiddleyard moved to the short side of the room and 'St Judes Bay' was once again 'complete', but there was something niggling at Chris that was only rectified in 2016.

NARROW SQUEAK

"I'd always been interested in narrow gauge railways but when I started the narrow gauge section there weren't any British outline locomotives available so I bought a Minitrains 0-8-0 tank and somehow I fitted a decoder, speaker and directional lights. I still don't know how I've done it. To give it somewhere to run I extended the baseboard from one end to the other by four or five inches wide and ran a narrow gauge line from the traverser through to the station. There's a gradient from the station to the viaduct, a few gentle curves and I blended the scenery to match what was already there from the standard gauge sections. Shortly after I'd started ➤





building, the Heljan 'OO9' models came out. I have a Manning Wardle, but to make it reliable I had to cobble it together from three models, so it ended up being very expensive! I then added a decoder and sound to it to accompany my Baldwins and double Fairlies."

Where the narrow gauge line became hardest to implement was in the rapidly changing landscape, from the valley to the tunnel, but Chris had a way around this.

"I bought a laser-cut viaduct from a company in Colwyn Bay that would go across the valley, and I constructed a halt between the valley and the tunnel called Lainey's Leap. My partner is called



The last bit of Chris' development of the standard gauge section of the layout was to switch it to DCC using a Gaugemaster Prodigy Advance. This feeds the track, the points and the signals around the layout. Two years ago he bought the accompanying Wi-Fi unit which, he says, works wonderfully. He brought a refurbished tablet computer for £45 and uses that purely to operate the layout. About three or four years ago Chris started trying DCC sound and now anything that he uses has to be sound-fitted.

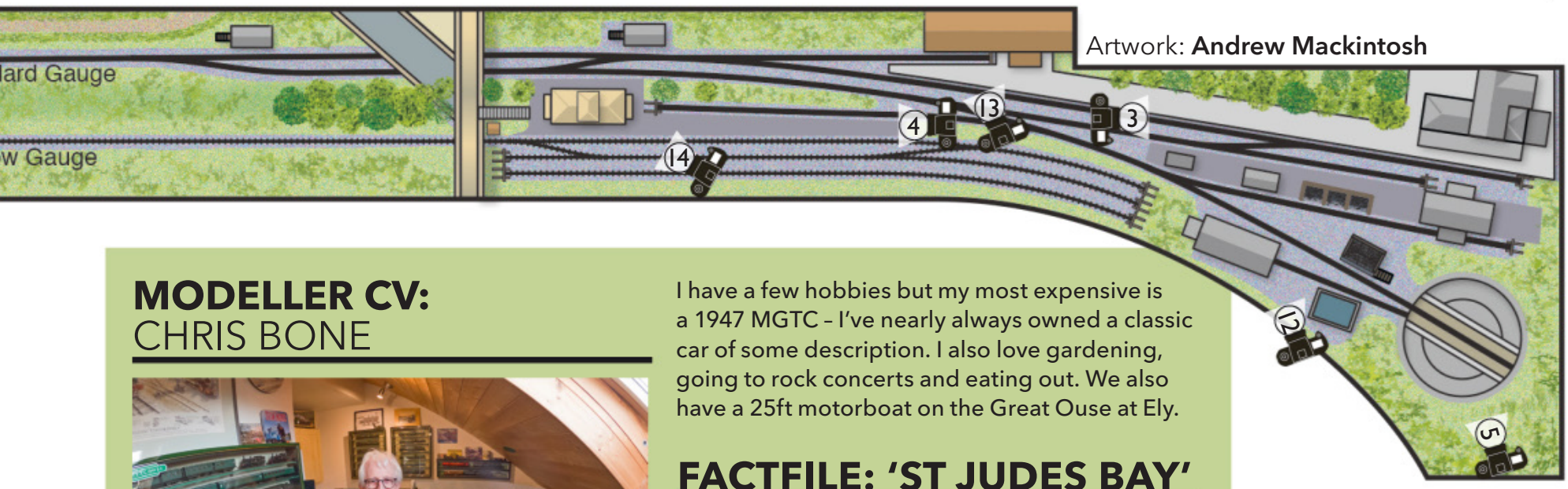


Elaine, so this is dedicated to her. Rather than trying to extend the tunnel, I decided to create a cutting. This was achieved with layers of cork mats, built up and painted with red oxide colours to create a red cliff, which isn't on the Lynton and Barnstaple for instance, but I decided it's my layout so I'm having it."

Despite all the previous extensions, Chris hasn't finished yet, and is now working on yet another extension to 'St Judes Bay' which will incorporate a longer narrow gauge line down the other side of the room incorporating a spiral.

"This really is the last extension though," exclaims Chris. But we've heard that before…!





Artwork: **Andrew Mackintosh**

MODELLER CV: CHRIS BONE



I have a few hobbies but my most expensive is a 1947 MGTC – I've nearly always owned a classic car of some description. I also love gardening, going to rock concerts and eating out. We also have a 25ft motorboat on the Great Ouse at Ely.

FACTFILE: 'ST JUDES BAY'

Gauge and Scale: 4mm:1ft, 16.5mm gauge, 'OO' and 4mm:1ft, 9mm gauge, 'OO9'

Size: 19ft by 8ft

Track: Scaleway Finescale/Peco Narrow Gauge

Time to build: Ten years

Power and Control: DCC



In the **Detail**

Bufferstops

Found wherever a railway line comes to an end, whether that be at a terminal station or siding, bufferstops are a ubiquitous piece of railway infrastructure. And yet their design has varied endlessly over the years, dictated by various factors such as period, location and traffic types. A lonely wayside siding may only require the most basic of facilities, but a terminal or bay platform demands greater protection for passengers and surrounding structures.

In this feature, we'll look at a range of prototypes and I'll explain how I modified a pair of Hornby bufferstops, with which many modellers will be familiar, as both products have been around for donkeys' years!



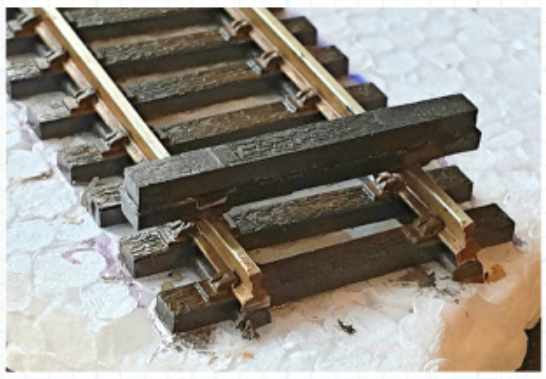
BUFFER STOPS

One of the must humble items of railway infrastructure holds an endless amount of modelling potential. **Paul A. Lunn** takes a look at the real thing and improves a pair of venerable Hornby bufferstops.

KEEP IT SIMPLE

Before we look at more traditional types of bufferstop structures, here's an idea for a very simple alternative. Truncated lines or rarely used sidings could often be seen with sleepers placed across the rails. They may be secured by chains or, if rail chairs are fitted, the sleeper would be upturned and secured to the rails with wooden wedges, or 'keys'. Multiple sleepers could be bolted together to add greater height and this is a very simple feature to replicate, using sleepers recovered from track offcuts.

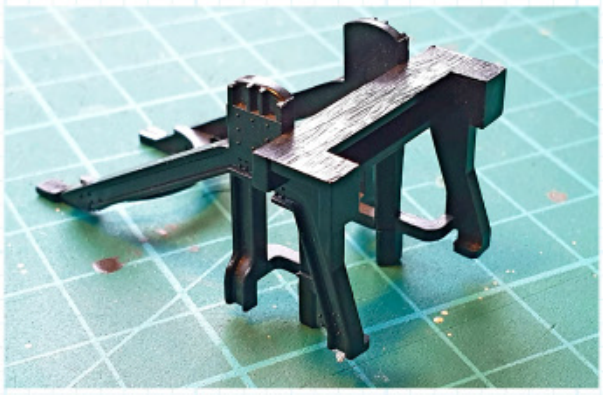






IMAGES AND ARTWORK: PAUL A. LUNN

GEORGE DENT



00 GAUGE | 1 hr |

A CHIP OFF THE OLD BLOCK

How many of us have used these plastic stop blocks on our layouts over the years? This one-piece moulding has been in the Hornby catalogue for decades and remains a cheap and cheerful option for 'OO' gauge. It's also very effective, as it fits onto straight or curved track and, in part, looks reasonably good.

The bufferbeam appears out of proportion to the rest of the structure but, with a little work with a razor saw, knife and files – plus a new wood cross beam – it can be greatly enhanced.



Summersons was a noted supplier of railway infrastructure, offering a range of bufferstops, as illustrated in this catalogue extract.

What you'll need

MATERIALS

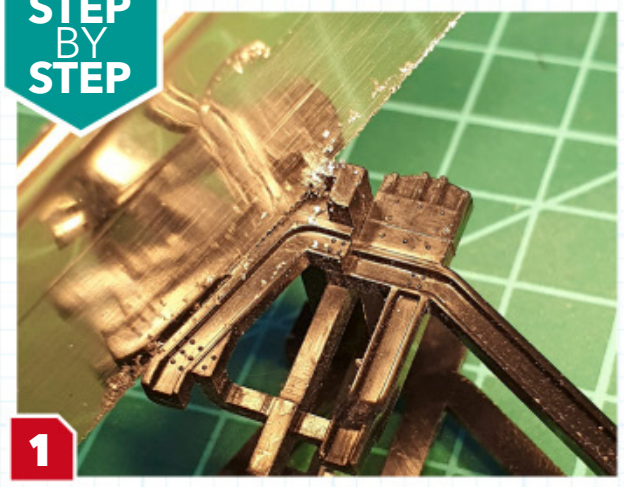
- Hornby R083 bufferstop, £3.30 each
  Availability: Hornby stockists
  Web: *www.hornby.com*
- Wooden coffee stirrers

TOOLS

- Razor saw
- Knife and spare blades
- Needle files
- Fine nose pliers
- Cutting mat
- Cyanoacrylate glue

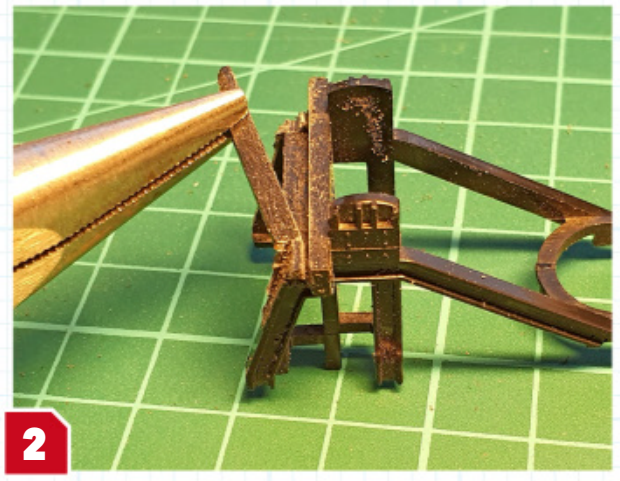
It cost very little to create this scene, using largely recycled material. The Hornby stop block can be modified in many different ways to portray a variety of prototypes. Once painted and set into a scene, the results can be very effective.

STEP BY STEP



1

With a razor saw, trim away the excess material at front of the structure, using the profile of the diagonal legs as a guide. Work slightly on the 'waste' side, as the final shaping can be done with files.



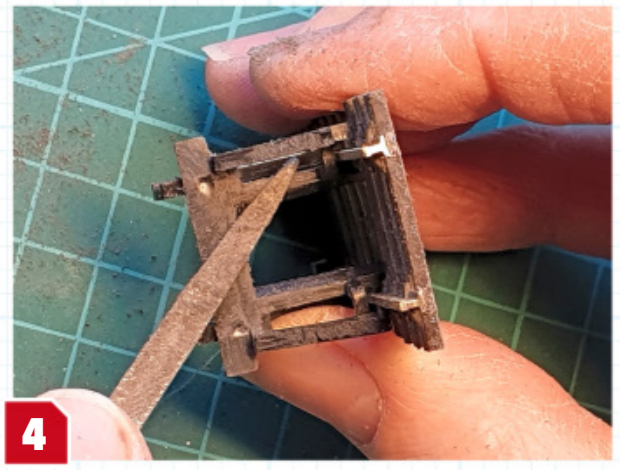
2

Cut a vertical slot across the width of the bufferbeam, then again from the font face, allowing the bulk of the beam to be removed. Take care not to damage the parts we want to retain.



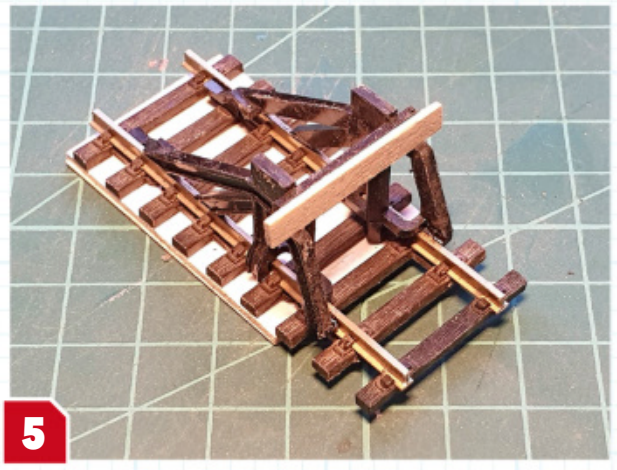
3

Here's a comparison with an unmodified example, showing the extent of material that has been removed. I also cut away the curved strap at the rear.



4

After fixing the stop block to a short length of track with cyanoacrylate glue, a variety of needle files were used to tidy up all of the modified surfaces.



5

I made a new cross beam from a wooden coffee stirrer. The ends of the timber beam could be square – as in this case – or curved, as found at various real locations, including Ryde Pier Head.



6

The wood was coloured with a red Winsor & Newton Promarker felt marker pen, and then weathered with a thin coat of Humbrol Dark Brown weathering wash.



Bufferstops clearly define the old adage that 'necessity is the mother of all invention'. They can be overtly simple in their design and have often been built from whatever material was available at the time. I guess that explains their longevity. Most commercially available models follow what I call the 'standard' version, consisting of two side frames with diagonal support front and rear, and a cross rail at a height to match rolling stock buffers. Who'd have thought with such an arrangement there could be such diversity in style, both in terms of engineering and materials? Have a look at the following and you'll see what I mean.



Above: Resembling Peco's plastic bufferstop kits, which are available for various scales, the parallel rails forming the angled side frames are complemented by a pair of uprights. While Peco's kit features lengths of straight rail as a cross beam, this example – like countless other prototypes – is equipped with a timber sleeper, painted red to aid visibility. This scene was captured at Melksham in 1984.

Below: A shortened version of the traditional rail-built stop block, with a charred and weather-beaten timber sleeper cross beam. Such structures are ideal when space is at a premium, as it was within the confines of this industrial yard at Chesterfield Cylinders.



INSPIRATION GALLERY



Above: A fairly standard rail-built stop block is made noteworthy by the unusual lamp arrangement. What looks like a salvaged section of a wooden signal post has been repurposed as a mount for the warning lamps, complete with access ladder. Note also how the ground cover is built up to rail height around the bufferstop. This is Barton-on-Humber in the 1970s.

Below: Two out of the three cross rails have been removed on this example from the former quarry sidings behind Ribblehead station. It's not a conversion for the Hornby model, but the Peco version could easily be adapted.







Above: Well, where would you see three differing bufferstops within such close proximity? Pembroke Docks Station of course. This is the most unusual grouping I've ever seen – who'd have thought to model such an arrangement?



Above & left: Peco's bullhead rail bufferstop kits are simple to assemble and depict the later style of rail-built stop blocks, featuring straight lengths of rail, bolted together via plate brackets. The plastic parts feature plenty of detail and, once painted and weathered, the relief really stands out.
BOTH: GEORGE DENT

Right: The end-on junction between the electrified Merseyrail system and the non-electrified line to Preston meet at Ormskirk. To help drivers discern the exact location of the bufferstop, this sighting panel was erected, to avoid the lights of a train on the other section causing confusion.





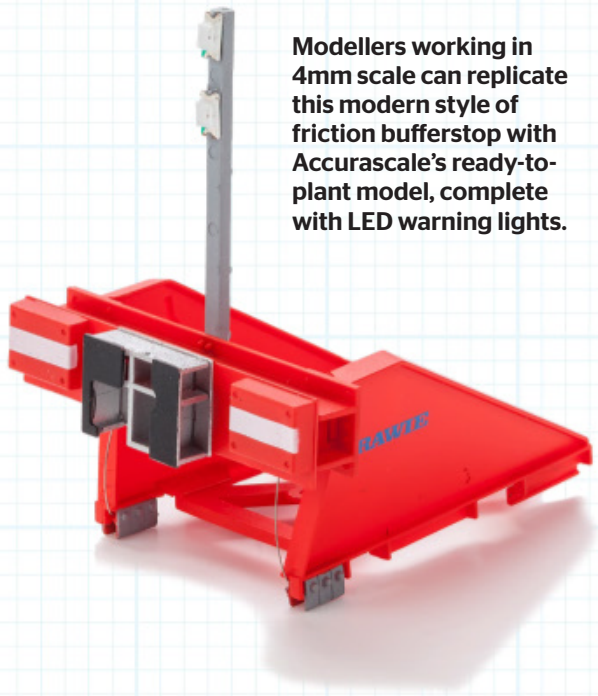
Left: You're going to need two ready-made bufferstops or kits to make any version with three diagonal braces to the rear. Note also the lowest shorter crossrail and vertical lamp stanchion on this example at London St Pancras.



Above & below: Old and new styles contrast at Whitby. The older, rail-built version on the left is bolted to the rails, while the new installation is a friction device, designed to offer greater shock absorption, hence the positioning of the stop block with several metres of empty track behind it. Note the two red limiting brackets at the rear (below).







Modellers working in 4mm scale can replicate this modern style of friction bufferstop with Accurascale's ready-to-plant model, complete with LED warning lights.



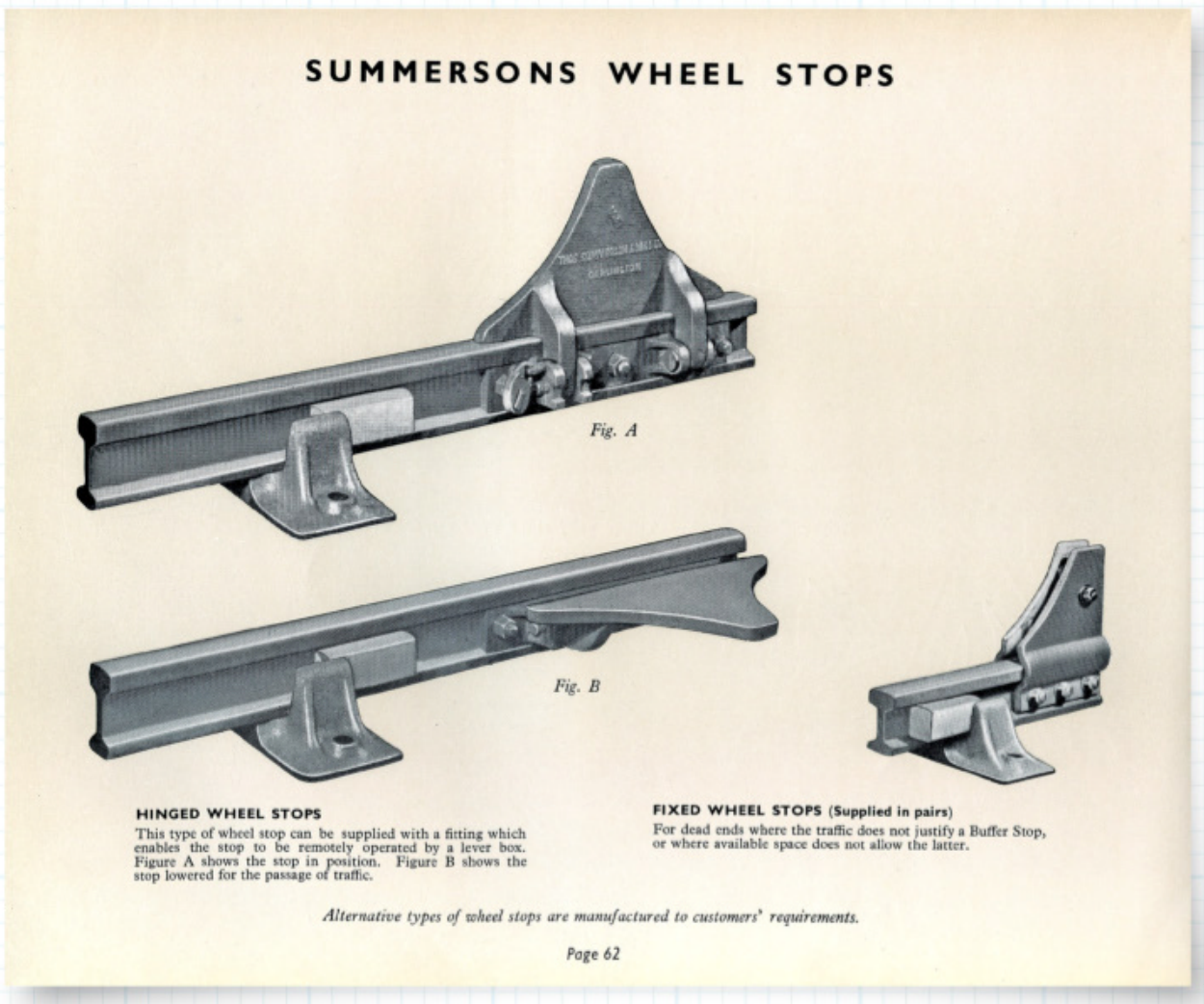
Above: With the timber beam looking well past its sell-buy date, this simple affair at Scarborough station doesn't look like it would withstand any significant impact!

Above: Another modern, sliding friction-type bufferstop, is seen here at Windermere, painted bright red and with four pairs of secondary friction pads fitted to the rails behind. Note the central panel, which features a cut-out section to provide extra clearance (and minimise the risk of damage) to the outer coupling of a multiple unit. The illuminated warning lights have been elevated to the driver's eye level.



Above: Here's a wheel stop in action, in the raised position and secured with a padlock, on the Isle of Wight Steam Railway. This type of apparatus can be found on single rails, part-way along a siding, as seen here.

Right: Summersons' track products catalogue showed these locking hinged and fixed wheel stops, providing a similar function as a bufferstop, but where space and traffic levels preclude the use of a more substantial structure. They would be relatively easy to make from scraps of sheet plastic, glued to the rails.



SUMMERSONS WHEEL STOPS

Fig. A

Fig. B

HINGED WHEEL STOPS

This type of wheel stop can be supplied with a fitting which enables the stop to be remotely operated by a lever box. Figure A shows the stop in position. Figure B shows the stop lowered for the passage of traffic.

FIXED WHEEL STOPS (Supplied in pairs)

For dead ends where the traffic does not justify a Buffer Stop, or where available space does not allow the latter.

Alternative types of wheel stops are manufactured to customers' requirements.

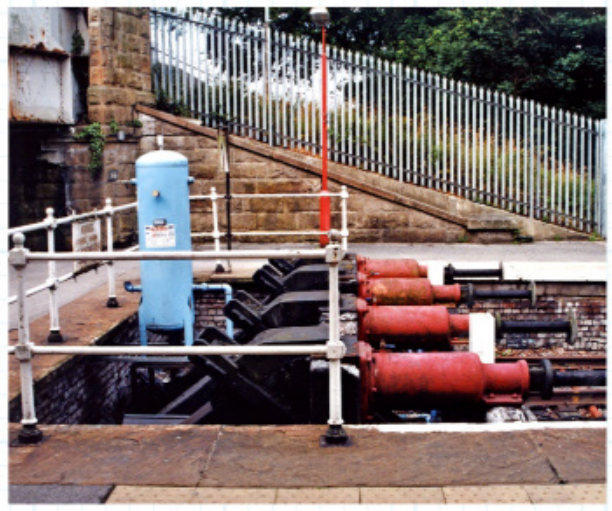
Page 62

00 GAUGE | 3 hrs |

HYDRAULIC BUFFERS

These spectacular ex-LNWR hydraulic buffers can be found at Lancaster's northern end bay platforms. Note the old dome-shaped tanks between the rails and the more recent pipework and vertical accumulator tank at the rear, which is a post-1973 upgrade.

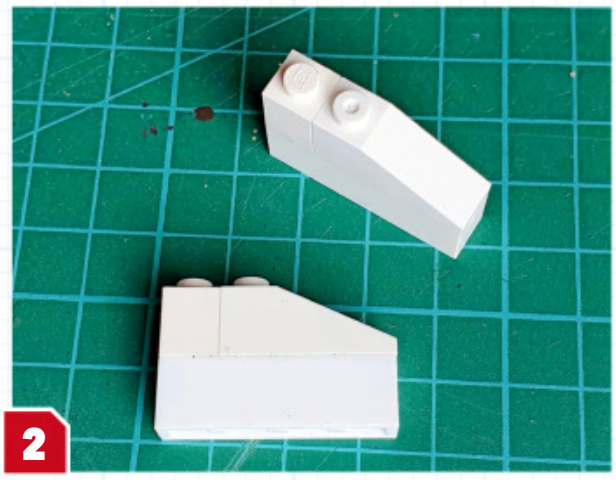




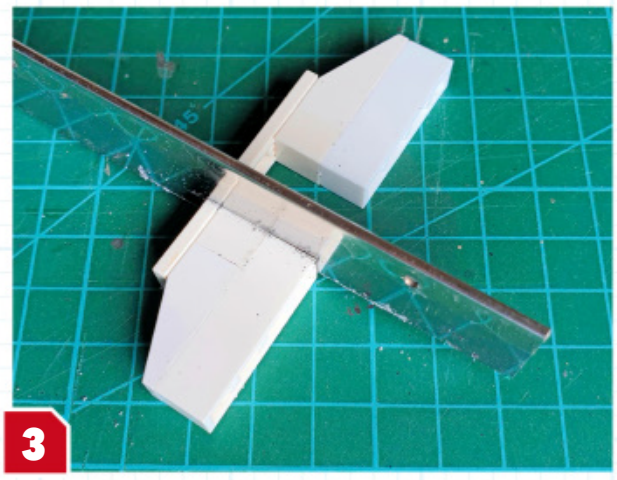
STEP BY STEP



1 Hornby's hydraulic bufferstop is another long-standing product, remaining in the range to this day. They're often available pre-owned at bargain prices and are the sort of item that many of us might have buried in a box somewhere.



2 I toyed with using timber or thin MDF for the rear supports, until I came up with the idea of using Lego blocks. Although I chose white components, any colour will do, as they'll be painted black later. Bond the blocks together with cyanoacrylate.



3 I was lucky that I managed to find angled Lego blocks for a suitably chamfered profile for the rear of the structure. Once the capping piece was glued in place, it was cut flush with the ends of the blocks. Tidy the cut edge with a needle file.

4 The unwanted areas of the Hornby bufferstop block were cut away with the razor saw, leaving enough material to allow the cylindrical profile to be formed with a file. Wet and dry paper followed, to remove any tool marks and leave a smooth finish.

5 I made two 'L' shaped brackets from further Lego parts. The two flat pieces need cutting to the same width as the bufferbeam.

6 Next, I made the wooden bufferbeam from several coffee stirrers laminated together and glued with PVA. When dry, it was sanded to shape. The whole unit was then mocked up to ensure that the buffer height was correct.

What you'll need

MATERIALS

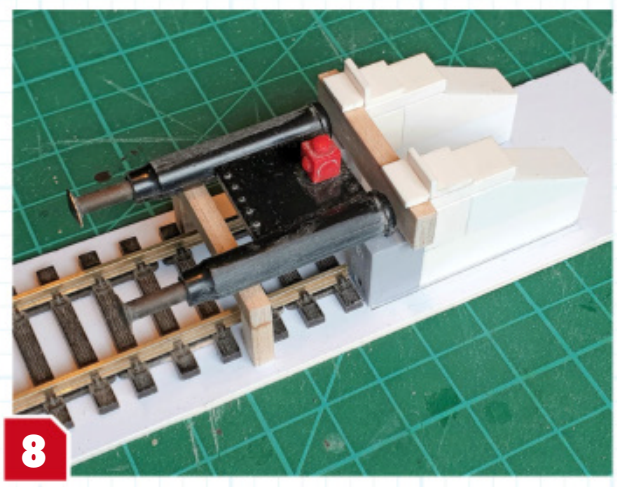
- Hornby R394 Hydraulic bufferstop, £9.49 each **Availability:** Hornby stockists **Web:** *www.hornby.com*
- Lego blocks
- Wooden coffee stirrers
- Card or plastic sheet
- Paints

TOOLS

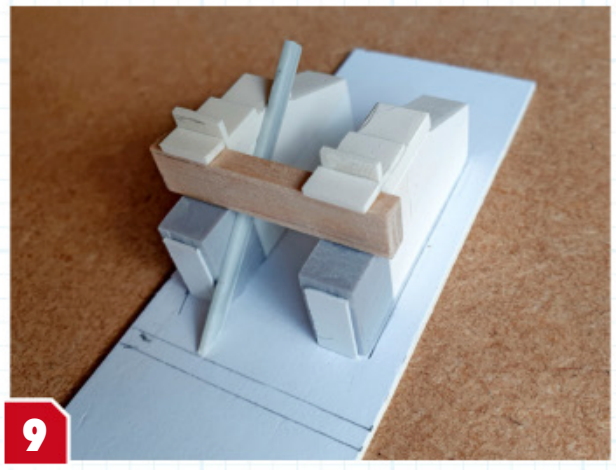
- Razor saw
- Knife and spare blades
- Needle files
- Fine nose pliers
- Cutting mat
- Cyanoacrylate and PVA glue



7 I needed two more pieces of Lego to support the bufferbeam and rear end of the hydraulic buffers. As made, they were slightly too high and needed a thin sliver taking off one end. The circular locating lugs needed filing away too. The holes were covered with thin plastic card.

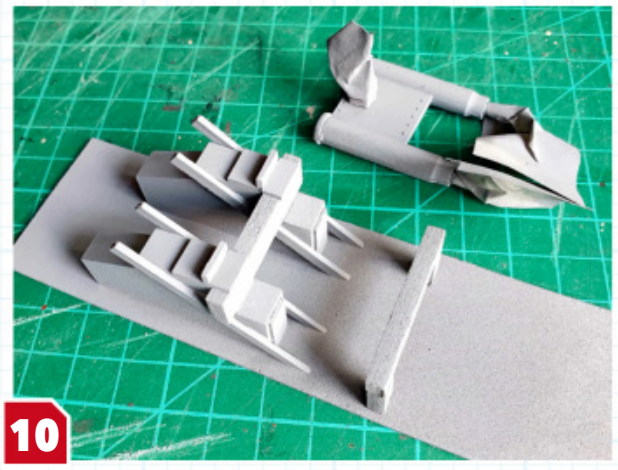


8 I then needed to make a front-end timber support comprising of two uprights (10mm by 4mm by 3mm) and one cross rail (34mm by 4mm by 3mm), all made up from three layers of laminated coffee stirrer, glued and sanded for a smooth finish.



9

Nearly all the components in their final position. Lego blocks are glued onto a piece of mounting card, which would eventually be buried under ballast. Diagonal restraining bars were created from leftover pieces from a Dapol water tank.



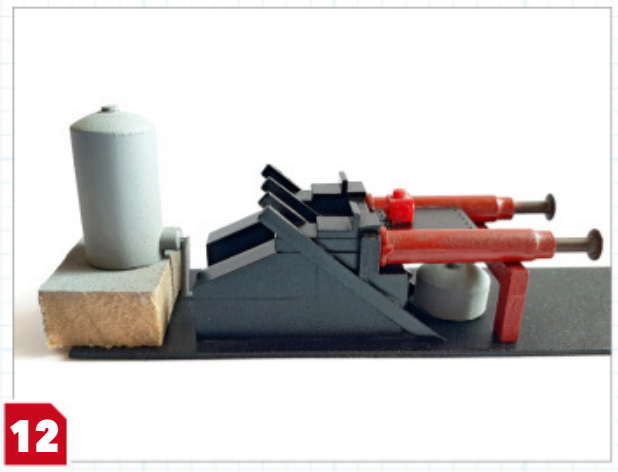
10

The sub-assemblies can be primed and painted before final assembly. I used a grey aerosol primer initially, before applying the topcoats.



11

The accumulator tank was created and has been placed on a wood block for now, as it will eventually sit atop the platform once the buffer unit is installed on the layout. The smaller tank has also been added below the buffers.



12

Having painted the buffer shanks and support frame in a bright shade of red, the buffers were installed to the base. Pipework linking the buffers with the tanks remains to be added, which will be painted light blue.

What's in the rule book?

British Railways Rule Books from the steam era say very little about bufferstops, except in relation to lighting…

BUFFERSTOP LAMPS

The standard type of lamp to be placed on the bufferstops of sidings, where such lamps are required, is a movable lamp painted red or white and showing a red or white light respectively.

As renewals become necessary the white lamps will be replaced by red lamps except where red lamps would be misinterpreted by drivers approaching on an adjacent running line, in which case a white lamp will be used. Except where local instructions to the contrary are issued, the following arrangements will apply;

When a vehicle or vehicles are placed in such sidings during daylight for a period extending into the hours of darkness, also during fog or falling snow and at other times after sunset, the lamp must be placed on the end of the leading vehicle facing the direction of an approaching movement along the siding.

When the vehicle or vehicles require to be moved from the sidings and the lamp is no longer required for their protection, the shunter or person in charge will be responsible for replacing the lamp on the bufferstop.

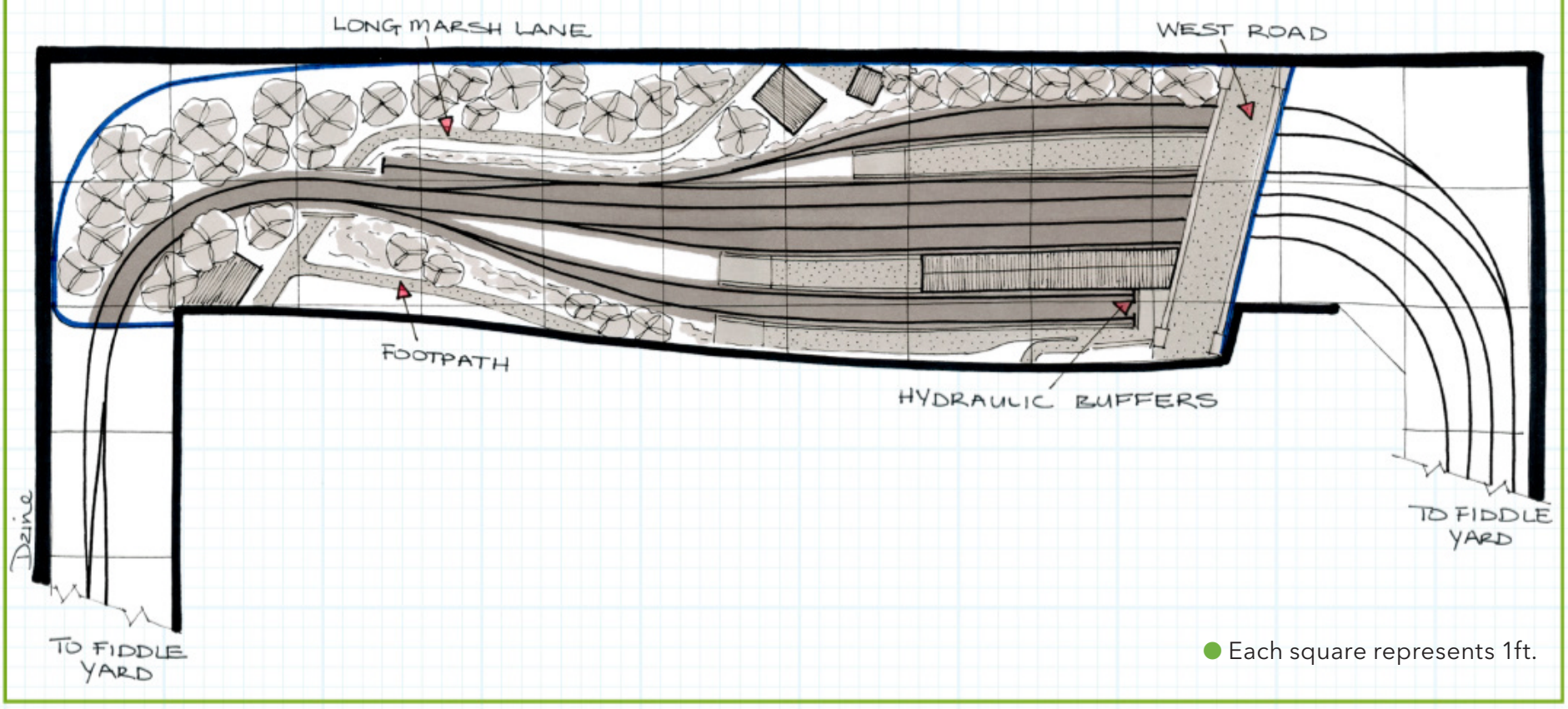
BR Rule Book 1960

A PROTOTYPE LOCATION

Hydraulic bufferstops are still a key feature at Lancaster, and while the prototype station is too long in 'OO' gauge to fit into a standard garage, we're fortunate that the section from West Road Bridge, heading north, will fit into a 12ft length. Although only the main scenic section is shown in this plan, a fiddleyard will be required at the opposite side of the oval.

The hydraulic buffers are situated at the end of platforms 1 and 2, which accommodate services to Heysham Port, Barrow-in-Furness, Morecambe Windermere and Leeds. The other platforms serve Glasgow, Edinburgh, Liverpool, Manchester, Birmingham and London, with freight services and non-stop passenger services using both through lines. Operationally, it's a busy place.

Of course, you could back-date the plan to steam days, though you'd have to find space for junctions to Lancaster Green Ayre and, depending on date, to Glasson Dock.



METCALFE

Card Construction Kits



BUILDING A MODEL RAILWAY
DVD01 / DVD02 / DVD03

MAKE GLUING EASY...

ULTRA FINE-TIP GLUE APPLICATORS
CODE MT907
Glue not included.



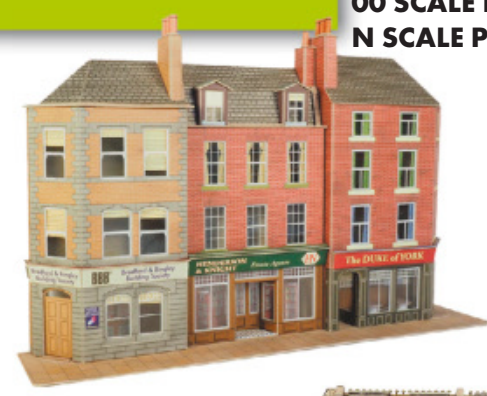
LOW RELIEF BUILDINGS



TOWN HOUSE
00 SCALE PO373
N SCALE PN973

A Georgian style town house front, in traditional London stock (Yellow Brick)

PUB & SHOP FRONTS
00 SCALE PO205
N SCALE PN972





No.7 HIGH STREET SHOP FRONT
00 SCALE PO374
N SCALE PN974

A beautifully detailed shop front, looks great in any High Street scene.



CINEMA & SHOP FRONTS
00 SCALE PO206
N SCALE PN170



DEPARTMENT STORE
00 SCALE PO279
N SCALE PN179*
*N scale version differs.



BANK & SHOP FRONTS
00 SCALE PO271
N SCALE PN971

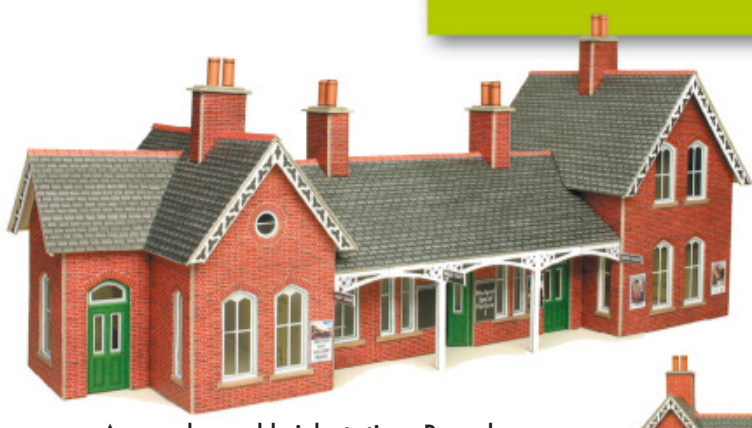
View the full range and shop online

metcalfemodels.com

Or contact us for a FREE catalogue - 01729 830072

Why not sign up to our Newsletter via the website for all the latest news!

RAILWAY BUILDINGS



COUNTRY STATION
00 SCALE PO237
N SCALE PN137

A popular red brick station. Based on designs by Cheshire Lines Railways. Also comes with a large opposite platform shelter, as per image shown here.





DOUBLE TRACK ENGINE SHED
00 SCALE PO313
N SCALE PN913

Comes with laser cut internal roof trusses, also includes a separate workshop building.

Also available in stone
00 Scale PO337 / N Scale PN937

SIGNAL BOX
00 SCALE PO233 / N SCALE PN133



COUNTRY GOODS SHED
00 SCALE PO232/ N SCALE PN912
New in N scale!



FOOTBRIDGE
00 SCALE PO236/ N SCALE PN136



A platform to platform bridge that is easily extended with the addition of extra kits to reach more platforms.

facebook join our group +

Join us on Facebook and share your Metcalfe journey. Search "Metcalfe Models Official Group" and like our page @metcalfemodels



86

Reviews

In-depth and unbiased reviews of the latest products



94

86 **Accurascale Class 55 ‘Deltic’**

90 **Hornby Class 91**

94 **Accurascale HAA hopper wagons**

96 **Ellis Clark Trains ‘Presflo’**



96



90

Our reviewers

George Dent
Model Rail’s modern image expert.

Chris Leigh
Wrote his first review in 1964 and hasn’t stopped since!

How we test

At *Model Rail*, we pride ourselves on the quality, thoroughness and unbiased nature of our reviews. We assess models on their looks, performance, features and value for money. We also run them on our own test tracks, which feature various gradients and numerous challenging track configurations.





Accurascale Class 55 'Deltic'

◆ **GAUGE** 'OO' ◆ **MODEL** Accurascale Class 55 'Deltic' D9012 *Crepello*, 55022 *Royal Scots Grey* ◆ **PRICE** From £160 each ◆ **Web** *www.accurascale.co.uk*

Not long after its launch as a manufacturer in 2018, Accurascale announced its intention to produce a high-fidelity 4mm scale model of one of the most iconic diesel locomotives, the Class 55 'Deltic'. Few other diesels have garnered similar levels of obsession among enthusiasts. Maybe it was their distinctive sound that set them apart from other contemporary diesels? Their supreme performance and imposing appearance probably helped as well!

After nearly four years of rising anticipation, Accurascale's 'Deltics' have finally arrived. The models have been billed as offering a new level of detail and performance, so it has been interesting to cast our eyes over a selection of production models and put them through our rigorous review process.

FIRST IMPRESSIONS

The advance sample of BR green D9014, that we were loaned for last month's cover shoot, was remarkable on many levels. However, it had received a few bumps and scrapes from being passed around, so it didn't seem fair to treat it as a bona fide review sample. This pair of BR blue 'Deltics', on the other hand, are more representative of what Accurascale customers can expect to receive. Packaged beautifully in foam-lined boxes, complete with a mini magazine and instruction booklet, the models are very impressive at first glance. D9012 *Crepello* depicts a 'Deltic' in late 1960s/early 1970s condition, while 55022 *Royal Scots Grey* carries grey roof panels, silver fuel tanks and white handrails, capturing the prototype during the latter months of its BR career when it ran several farewell tours.

The look of the prototype has been captured perfectly, in contrast to previous iterations in 'OO' from other manufacturers. Indeed, the greater fidelity is immediately obvious. Also notable straight away is the sheer weight of each locomotive – at well over 800g a piece.

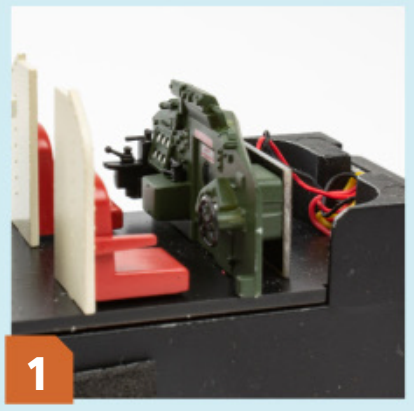






“The all-round quality of the bodyshell moulding is fantastic with the various panels and louvres all crisply rendered”

3 things we like



1 Highly detailed cab interiors, including printed legends and illuminated consoles.



2 Bogies feature plenty of detail and relief, including hand brake chains.



3 Easy access to DCC socket, thanks to lift-off exhaust panel.

DETAIL EVERYWHERE

Handling the locomotives demands care, as some of the exquisite detail is, understandably, fragile and easily dislodged. Build quality is excellent and, impressively, no parts had come adrift in the boxes. A full complement of bufferbeam pipework comes pre-installed at one end, while a bag of customer-fit details is provided for the other end, which has a tension lock coupler in place. Sprung, pivoting NEM coupler mounts are fitted and the bodies are adorned with an admirable degree of detail, with separate mouldings representing the brake cylinders and linkages, footsteps, guard irons and other fittings.

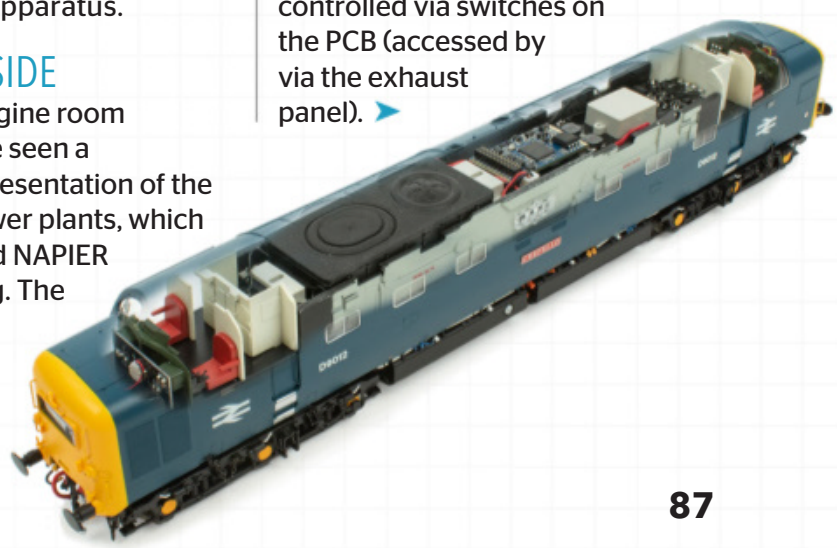
Fine brass chains link the central brake cylinders with the bodyshell, representing the distinctive handbrake mechanisms. These are a push-fit into the body, which can be removed if access to the interior is required and there’s plenty of clearance for the bogies to rotate. The various filling and drain ports, plus all associated plumbing, elevates the fuel tank areas, with the gauges complete with printed digits and needles.

The profile of the bonnets and windscreens looks spot on, with etched surrounds fitted around the windscreens for a more refined appearance. According to prototype and era, models come with the original twin wipers per windscreen or the modified single wiper arrangement. Air horn placement has also been keenly observed, with our sample of 55022 having the later bonnet-mounted horns. The plated-over cabside quarterlights are also present on this late career example.

The roof fan grilles feature finely etched mesh and slightly raised walkway panels and the all-round quality of the bodyshell moulding is fantastic, with the various panels and louvres all crisply rendered. Fine wire handrails and lamp brackets are the icing on the cake, while the glazing and paintwork are flawless. Etched nameplates, produced by Shawplan, are complemented on D9012 with maker’s plates on the cabsides and countless other detail variations have been correctly observed, such as the plating-over of sandbox and boiler tank fillers, along with electric train heating (ETH) apparatus.

LOOKING INSIDE

Through the engine room windows can be seen a convincing representation of the twin Napier power plants, which even feature red NAPIER DELTIC lettering. The extraordinary level of detail extends to the cab interiors, which feature painted bulkheads, consoles and controls, complete with tampo-printed legends and, for the pièce de résistance, the dials on the consoles are illuminated! Furthermore, engine room and cab interior lighting is provided and, for analogue users, can be controlled via switches on the PCB (accessed by via the exhaust panel).



Accurascale Class 55 'Deltic' – in detail



Factfile: BR Class 55 'Deltic'

English Electric built a striking diesel prototype, named *Deltic*, in 1955, equipped with a pair of lightweight Napier powerplants, of a design originally created for navy gunboats. The engines featured a triangular, opposed cylinder arrangement, hence the 'Deltic' name, which was derived from the Greek letter Delta. Detailed trials of the Preston-built prototype were undertaken on British Railways' West Coast route and, although the London Midland Region eventually deemed the prototype unsuitable, staff on the Eastern Region had other ideas.

Unimpressed by the new Type 4 1-Co-Co-1s (later Class 40), the Eastern Region requested its own trials with *Deltic*, which ultimately led to an order for 22 production series locomotives being ordered by BR in 1959. Built at Vulcan Foundry, Newton-le-Willows, the production 'Deltics' entered service in 1961-62 and, with the improved Napier power units capable of generating 1,650hp each, the twin-engine locomotives transformed express train travel on the East Coast Main Line, offering sustained 100mph running.

Although not without their technical problems, the 'Deltics' proved successful and became extremely popular with enthusiasts, as their supreme performance and characteristic drone marked them out from the diesel crowd. The arrival of BR's High Speed Train (HST) in the late 1970s spelled the end for the 'Deltics', which had become Class 55 under the TOPS system. The Napier engines required regular, expensive servicing and, despite 'Deltics' finding new work on secondary ECML and trans-Pennine services, the entire class had been withdrawn by January 1982. Six examples have been preserved.

1



2



3



1: D9018 *Ballymoss* **carries the famous 1A35 headcode, denoting the southbound 'Flying Scotsman'. The 'Deltic' was just a year old when this view was captured, near Thirsk, in the summer of 1962.** COLOUR RAIL

2: In June 1977, 55001 *St Paddy* **waits at the 'country' end of the King's Cross platforms. By this time, the headcode panels and cabside quarterlights have been plated over. The air horns have also been placed atop the bonnets.** COLOUR RAIL

3: Three 'Deltics' and a '31' rest at Finsbury Park in April 1981, headed by 55012 *Crepello*, **which was withdrawn the following month. The white cab surrounds became a Finsbury Park trademark during the late 1970s.** COLOUR RAIL

System builder

Other items to complement this model…

Mk 2d STOCK

Although Mk 1 stock was favoured during the early years of the 'Deltics', air-conditioned Mk 2ds had become the norm during the 1970s. Hornby offer a range of First and Standard class coaches in blue/grey livery.
Price: £48.49 each
Availability: Hornby stockists
www.hornby.com



+

Mk 1 PULLMANS

ECML Pullman services continued to Harrogate and Hull until 1978, with BR Mk 1 Pullman cars employed from the mid-1960s. Bachmann's models are superb and have been available in umber/cream and the later grey/blue livery.
Price: £79.95 each
Availability: Bachmann stockists
www.bachmann.co.uk



+

Mk 1 BG

A Mk 1 full brake (BG) is an essential addition to any ECML express, including Pullman services. Suitable models are available from Hornby and Bachmann.
Price: From £48.49 each
Availability: Hornby & Bachmann stockists
www.hornby.com
www.bachmann.co.uk



Indeed, many different lighting options are available via analogue or DCC control, including head and tail lights.

The powerful five-pole motor provides a prodigious amount of power, while the twin flywheels and helical gears combine to produce an extremely quiet, smooth ride. Our samples were pre-fitted with LokSound V5 21-pin decoders, plus a pair of high-quality speakers, producing a highly realistic twin-engine drone, redolent of the real thing. A bank of stay-alive capacitors ensures that the sounds and movement are consistent.

I could write much more about these models' attributes, but I would still struggle to find anything significant to criticise. Opening the bodyshell is simple enough, but it does bring the risk of fine detail parts coming loose. They're easy to reinstate (provided they don't get lost), so adding footplate crew and customising the headcodes is not beyond the average modeller's competence. Furthermore, the supplied sheets of alternative headcodes offer the option of fitting them internally (for best results) or externally, using the self-adhesive options.

Accurascale has definitely raised the bar with these 'Deltics', in terms of prototype fidelity, external and interior detail specification and performance. At just £160 each (DCC-ready), they also offer unbeatable value. It's no wonder that half of the 17 different versions had sold out at the time of writing. The range encompasses the prototype's full BR career, including livery and detail variations, as well as the unique Porterbrook purple 9016 *Gordon Highlander*.

These have to rank among the best – if not the best – 'OO' diesel locomotive models I've encountered so far.

A very strong contender for Model of the Year! ***(GD)***

SUMMARY

PROS
- Perfect looks.
- Detail specification.
- Supreme performance.
- Flawless finish.
- Excellent value.

CONS
- Nothing.

FINAL VERDICT

Incredible.



ACCURASCALE CLASS 55 'DELTIC'

OVERVIEW
Manufacturer: Accurascale
Ref. Nos. ACC-2150-DCC, ACC-2162-DCC
Unit Nos. 55022, D9012
Scale/gauge: 1:76 scale, 'OO' gauge
Body: Plastic with metal parts
Chassis: Metal with plastic parts
Weight: 832g
Min. curve radius: 438mm
Wheel back to backs: 14.3mm

ELECTRICS
Electrical system: 12V DC two-rail
Motor type: Five-pole, skew wound
Lights? Yes, directional head/tail lights, cab/engine room
DCC ready? Yes, 21-pin socket

MECHANISM
Drive system: Motor drives all six axles via cardan shafts and helical gearbox.
Flywheel(s): Yes, two.
Traction Tyres: No

DIMENSIONS	PROTOTYPE	1:76 SCALE	MODEL
Length	69ft 6in	278mm	278mm
Height	12ft 11in	51.6mm	52mm
Width	8ft 9½in	33.2mm	34.5mm
Wheel diameter (driving)	3ft 7in	14.4mm	13mm
Bogie wheelbase	13ft 6in	54mm	54mm

SERVICING
How to dismantle: Body unclips from chassis.
Where to oil: Axle and motor bearings and gears, as per instructions.



Hornby Class 91

◆ **GAUGE** 'OO' ◆ **MODEL** R3891 Class 91 91118 *The Fusiliers*, LNER red/grey ◆ **PRICE** (rrp) £217.95 ◆ **AVAILABILITY** Hornby stockists **Web** *www.hornby.com*

Having been a regular traveller on the East Coast route for the past two decades, I've racked up many thousands of miles behind the Class 91s. The Crewe-built electrics have always impressed me, although it was only in the post-privatisation era that I became properly acquainted with them and have lamented their decline in recent years. I certainly miss the distinctive sound of a '91' powering up under the roof of Newcastle station. In contrast, the stealthy Azumas lack any kind of personality. And don't get me started on those awful seats...

Hornby has had a Class 91 in its range for over 30 years and, while the original tooling had its good points, an updated version was overdue. Hornby's all-new model was warmly welcomed when first announced in 2020, in tandem with a new range of Mk 4 coaching stock.

The first raft of Hornby '91's has now arrived, with a quartet of key livery options available to begin with, consisting of the original BR Intercity 'Swallow' scheme, GNER blue/red and the striking LNER red/grey. The First World War memorial scheme applied to 91111 *For the Fallen* has also been recreated and, unsurprisingly, sales proved to be very brisk for this version.

A BIG IMPROVEMENT?

Under review here is 91118 *The Fusiliers,* in LNER red/grey, a livery derived from the ill-fated Virgin Trains East Coast 'swoosh' colour scheme. It's immediately obvious how much better this new '91' is, compared to the original 1988 tooling. It feels solid and well put-together and possesses a much more refined profile, capturing the character of the real thing.

The bodyshell features some nicely observed detail, including the recessed channel just below cant rail height, along with the various access panels and seams. The air horn grilles on each end are etched metal, as are the twin vents atop the roof, which add an extra touch of class. Both the 'slab' and 'pointy' ends are executed well, with flush glazing and fine windscreen wipers installed. A full complement of bufferbeam pipes and cables is provided in the detail bag, along with a lovely pair of etched nameplates.





The complex shape of each bufferbeam has been replicated accurately and the gangway rubbing plates feature appropriate surface detail. The buffers at the No. 1 end can be twisted and retracted, just like the real thing, while the distinctive support framework behind the bufferheads has been faithfully rendered. The side valances, with their horizontal slots, allow the various reservoir tanks and equipment to be glimpsed.

Sprung, kinematic close-coupler units are installed, with a different style mounting system designed for each end, compensating for the differences in profile. Front and rear valances are fixed to the chassis (as opposed to the bogies, as per the 1988 tooling), presenting a much

“Hornby’s new ‘91’ is light years ahead of the previous tooling, in terms of looks, specification and performance”



3 things we like



1 Accurate rendering of the cab interior layout, at both ends.



2 Slotted side valances allow air tanks and equipment to be seen.



3 Paint finish and printing to a high standard.

more authentic appearance. However, the need to allow space for the pivoting couplings means that horizontal slots have been cut into the valances. It would have been nice if the option of blanking plates or alternative valances was supplied with the model.

Below solebar level, the bogies feature well-defined suspension detail and the separate steps are a welcome addition. The brake shoes and sanding gear looks great and the diagonal dampers, although fixed to the bogie frames, give an impression of being linked to the bodyshell when the locomotive is on straight track. There is ample clearance for the bogies to rotate on level track, but I’ve heard that some modellers have encountered issues on inclined curves.

During testing, our sample ran smoothly, coping with second radius curves and points without issue. The mechanism improved markedly after the prescribed running-in period and the quiet motor was capable of hauling ten Mk 3s without any problems. Weighing-in at over 500g, there’s certainly plenty of mass to help with adhesion.

Directional lighting is provided, with a day/night changeover switch readily accessible on the underside of the chassis. Provision of a 21-pin decoder socket is welcome and, as with many prototypes with characteristic audio signatures, fitting a sound upgrade would be worthwhile. Indeed, Hornby has mooted the possibility of a TTS Sound version appearing in future.



UP ON THE ROOF

The insulator and connection detail looks good, as does the pantograph, which resembles the Brecknell Willis high-speed unit closely. Pantographs are a tricky element to get right in ‘OO’. They either look great but are too delicate to be operational, or they’re built to withstand operation at the expense of scale appearance. Unsurprisingly, Hornby has opted for a compromise approach and, while it does look good, our sample lacked ➤

Hornby Class 91 – in detail



Factfile: Class 91

Built as part of British Rail's grand project to electrify the ECML, the fleet of 31 Class 91s was assembled at Crewe Works, with the first example being rolled out in 1988. Construction continued until 1991 and the fleet was initially christened 'Electra' by BR as part of its public relations push. In parallel with the new locomotives, BR also developed Mk 4 coaching stock and these fixed formation trains, with a Class 91 at one end and a Driving Van Trailer (DVT) at other, represented BR's InterCity 225 project.

Capable of 140mph (225kph), the '91s' boasted an incredible 6,480hp and proved to be the final express electric locomotives built by BR. Alas, the planned track upgrades didn't allow for 140mph running but, after a period of testing, the '91s' went on to operate ECML services for over 30 years. Gradually displaced over recent years by the Hitachi Class 800 'Azuma', '91s' continue to operate certain services from King's Cross to York or Leeds, although much of the fleet is either in store or withdrawn.

Eight examples have been scrapped so far, while two – 91117/20 – have been painted into Europhoenix livery, with a view to operating freight services on mainland Europe.







System builder

Other items to complement this model…



Mk 4 STOCK

Hornby's all-new Mk 4 coaching stock is due this year, with each of the individual carriage types portrayed accurately for the first time.
Price: £44.99 each
Availability:
Hornby stockists
www.hornby.com

Mk 4 DVT

As well as a rake of Mk 4s, you'll also need a DVT and Hornby has re-tooled this critical vehicle, with added DCC capability. Due later this year in matching liveries.
Price: £84.99
Availability:
Hornby stockists
www.hornby.com



STOPGAP DVT

If you're modelling the early years of the '91s', you'll need a HST power car as a stopgap DVT, which BR employed until the Mk 4 vehicles were ready. Hornby offers a special version to suit (R40162).
Price: £84.99
Availability:
Hornby stockists
www.hornby.com



1: Wearing original Intercity 'swallow' livery, 91003 is working a test train at Doncaster in October 1988. While '91s' occasionally operate blunt end-first, it is usually during exceptional circumstances only. Note the lack of side valances. COLOUR RAIL

2: Following privatisation, the ECML franchise was taken over by GNER who applied this restrained blue and red scheme across the entire fleet. 91002 awaits departure from King's Cross, May 1997. COLOUR RAIL

3: The '91s' were refurbished in the early 2000s and renumbered in the '911xx' series. LNER 91109 *Sir Bobby Robson* has an 'Azuma' for company at King's Cross, March 2020. COLOUR RAIL



sufficient springing to remain upright for long, especially when the locomotive was in motion.

This arrangement will likely disappoint modellers with 'contact' overhead catenary systems, while others may have hoped for a servo-operated pantograph, akin to Bachmann's similarly priced Class 90.

ULTIMATE 'ELECTRA'?

Hornby's new '91' is undoubtedly light years ahead of the previous tooling, in terms of looks, specification and performance, with an excellent paint finish to boot. Coupled to the new range of Mk 4 coaches, which are also due this year, it will make for a very handsome East Coast express formation. Being able to finally replicate post-1990 ECML services to a high degree of fidelity softens the blow of the prototype fleet's recent run-down, making Hornby's model a timely arrival. ***(GD)***

With thanks to *www.hattons.co.uk* for the loan of this sample.

SUMMARY

PROS
- Looks and finish.
- Performance.

CONS
- Non-working pantograph.

FINAL VERDICT

Splendid.



HORNBY CLASS 91 ELECTRIC LOCOMOTIVE

OVERVIEW
Manufacturer: Hornby
Ref. Nos. R3891
Unit Nos. 91118
Scale/gauge: 1:76 scale, 'OO' gauge
Body: Plastic with metal parts
Chassis: Metal with plastic parts
Weight: 530g
Min. curve radius: 438mm
Wheel back-to-back: 14.3mm

ELECTRICS
Electrical system: 12V DC two-rail
Motor type: Five-pole, skew wound
Lights: Yes, directional head/tail lights
DCC ready: Yes, 21-pin socket

MECHANISM
Drive system: Motor drives all four axles via cardan shafts and gears
Flywheel(s): Yes
Traction tyres: No

DIMENSIONS	PROTOTYPE	1:76 SCALE	MODEL
Length	63ft 8in	254.6mm	254mm
Height (pantograph down)	12ft 4in	49.3mm	54mm
Width	9ft 0in	36mm	36.8mm
Wheel diameter	3ft 3½in	13mm	13mm
Bogie wheelbase	10ft 2in	41mm	44mm

SERVICING
How to dismantle: Body unscrews from chassis
Where to oil: axle bearings and gears, as per instructions.



Accurascale HAA hopper wagons

◆ **GAUGE** 'OO' ◆ **MODEL** Accurascale ACC2561HAA-RR2/ACC2556HAA-FM2 BR HAA MGR coal hoppers ◆ **PRICE** £74.95 per triple-pack
◆ **AVAILABILITY** Accurascale stockists **Web** *www.accurascale.co.uk*

It's not an overstatement to suggest that the HAA hopper family revolutionised the freight operations of Britain's railways. Developed as part of BR's merry-go-round (MGR) system, whereby coal was moved between pit and power station using fixed formation trains that, notionally at least, could keep moving on an endless circuit.

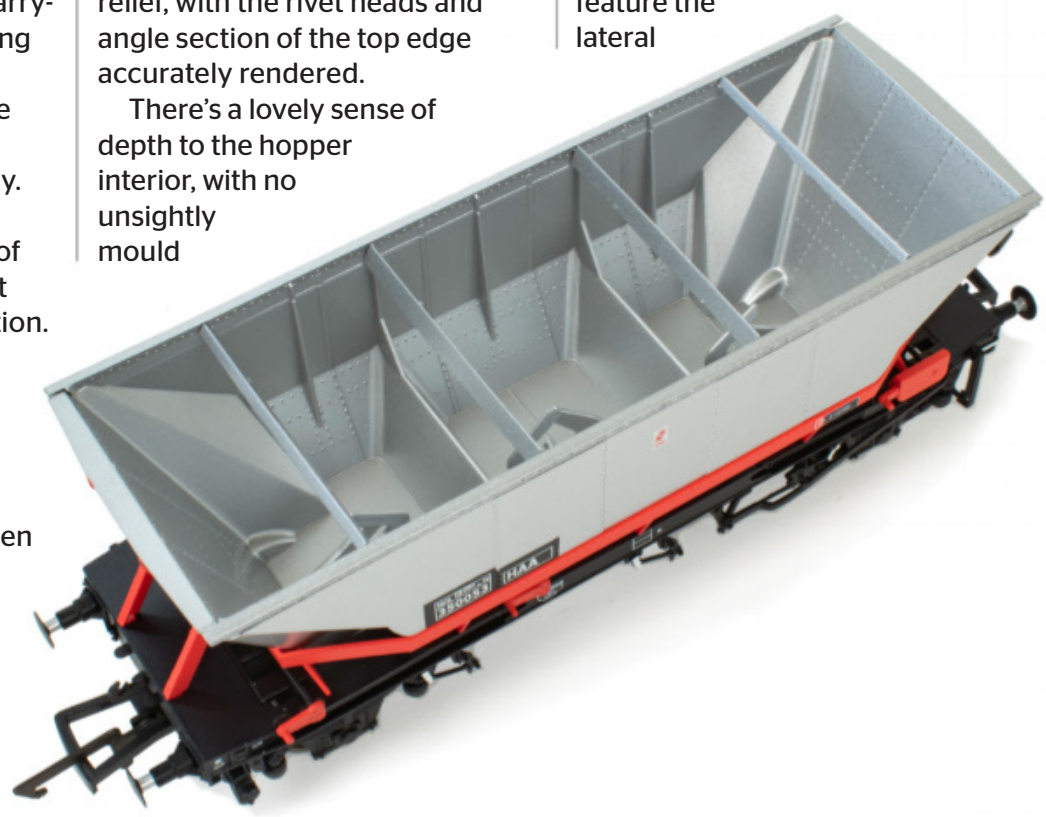
Over 11,000 air-braked hopper wagons were constructed between 1964-1984, mostly at Shildon Works, and given the operating code of HOP AB. With the advent of the Total Operations System (TOPS) in the early 1970s, they became known as HAA. In practice, there were several variations within the HAA family, with modifications made to the hopper bodies, brake system and suspension, with HBA, HDA, HFA and HNA just some of the codes employed. The CBA and CDA were also developed from the HAA, featuring a covered hopper and modified discharge arrangements, for the carriage of gypsum and china clay respectively.

Despite the drastic reduction in UK coal production from 1990, the HAA family continued in use well into the 2000s, largely carrying imported coal and travelling much longer distances than originally envisaged, while the CDA fleet still operates on Cornish china clay traffic today.

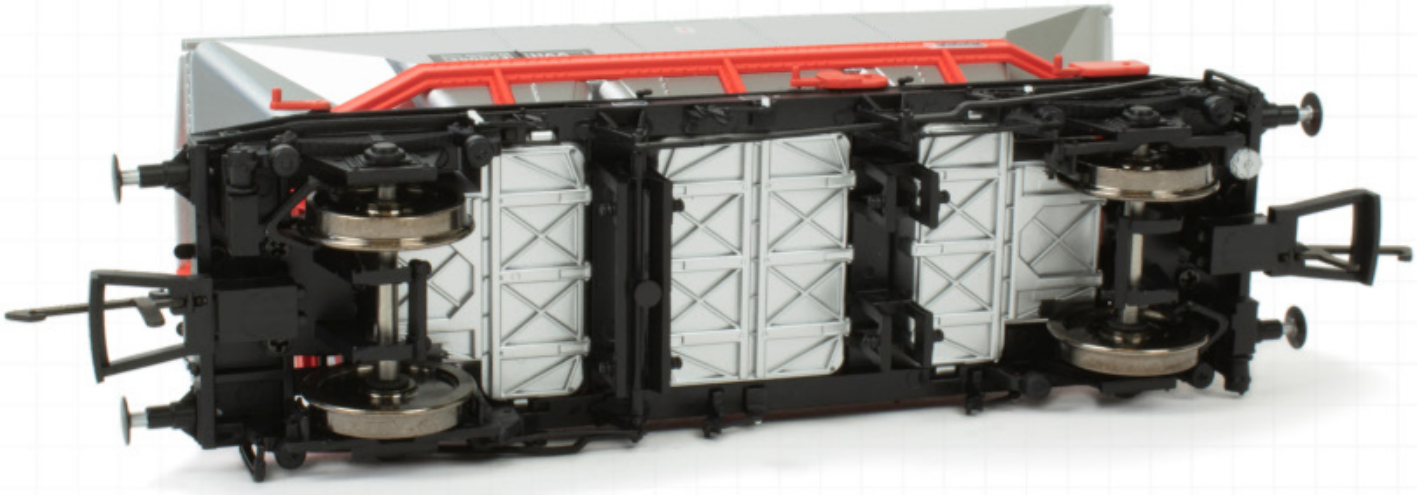
Accurascale's mission to develop high-fidelity models of all MGR types, announced last summer, is now reaching fruition. Appropriately, the original HAAs have been the first to arrive and we received two triple-packs for review, although I'd also ordered a few packs for myself, so a dozen different wagons have ultimately been examined as part of this review.

Presented in Accurascale's usual stylish packaging, the wagons look the part as soon as they're unboxed. The striking 'natural' metal finish is convincing, with a subtle shade and sheen of metallic paint employed on the hopper bodies. Furthermore, the hoppers feature impressive detail relief, with the rivet heads and angle section of the top edge accurately rendered.

There's a lovely sense of depth to the hopper interior, with no unsightly mould seams and a full array of rivets. The three discharge chutes are rendered faithfully, as is the exterior of the hopper doors and bump stops, suspended below the chassis. All our samples feature the lateral







“There’s a lovely sense of depth to the hopper interior, with no unsightly mould seams and a full array of rivets”

strengthening bars across the top of the hopper, which were fitted from new to many HAAs. Unsurprisingly, the bars were prone to damage during loading and were removed from 1977 onwards. In their place was a set of horizontal strengthening beams, just below the top edges, with a line of associated rivets visible from the outside, and this later style of hopper has also been reproduced by Accurascale.

The hopper cradle, depicted in original brown and later Railfreight red across our samples, is crisply moulded and also features fine rivet detail where appropriate. The livery shades are accurate, and each wagon features individual running numbers and decoration quirks unique to each prototype.

Looking at the chassis, the hopper door levers feature a convincing representation of the cross shafts and operating gear, which sit within slots in the chassis, just like the real thing. The solebars are adorned with pipework, while the suspension and roller bearing axleboxes are neatly moulded. The axleguards have a very fine profile – not too chunky, like many RTR wagons – and the blackened disc wheels run smoothly in brass pinpoint bearings.

The brake rigging and handles are superfine, yet resilient enough to withstand handling, and the brake handles sit within slotted brackets. The brake shoes are in line with the ‘OO’ wheels and the calipers, air distributor and Oleo buffers are also impressive. The spring tension in the buffers is a little weak, however.

Pivoting NEM coupler mounts are equipped with slim tension locks and, at 50g each, the long rake of wagons has been running smoothly along my test track. The brass bearings certainly reduce friction and improve performance. Finally, a small bag of detail parts is supplied in each pack, providing sets of brake pipes and cosmetic Instanter couplings.

Dimensionally spot on, the wagons really capture the look of the real thing perfectly and the quality of finish and assembly make for an excellent all-round package. At last, this vital prototype now has a worthy model representation in 4mm scale. ***(GD)***

SUMMARY

PROS
- High-fidelity model.
- Super finish.
- Smooth running.
- Essential post-1960s prototype.

CONS
- Nothing.

FINAL VERDICT

Terrific.





Ellis Clark Trains 'Presflo'

◆ **GAUGE** 'O' ◆ **MODELS** Ellis Clark Trains E3002A 'Presflo' cement hopper, Tunnel Cement; E3006U 'Presflo' cement hopper, Blue Circle ◆ **PRICE** £69.99 each
AVAILABILITY Ellis Clark Trains **Tel** 01756 701451 **Web** *www.ellisclarktrains.co.uk*

Marking Ellis Clark Trains' first foray into RTR models, these BR 'Presflo' hoppers are very impressive. Presented in stylish, foam-lined boxes, the distinctive prototype has been recreated with a high degree of fidelity. An astonishing 28 individual versions have been produced, covering a wide variety of livery, branding and number options, for both the pre and post-TOPS eras. Un-numbered versions are also available.

The 'Presflo' wagons were developed by BR in the mid-1950s, designed for the transport of bulk powders, especially cement. Other commodities carried included salt, alumina, lime and, in latter days, fly ash. Loading was effected from above, using the twin rooftop hatches, with a pressure discharge system allowing for fast, effective unloading with the help of compressed air from a trackside supply.

Nearly 2,000 examples were built for BR between 1954-64, by Shildon Works and a range of outside contractors, who also built a further 236 for Associated Portland Cement Manufacturers Ltd (APCM) and Tunnel Cement, who retained ownership of these wagons while they ran on the BR network. Operating in bulk trains or within mixed goods and local freight workings, the 'Presflo' fleet travelled far and wide across the BR network. Examples remained in traffic into the mid-1980s and, as a reflection of the importance of this design, an example was saved for the National Collection.



The models feature a wealth of detail, from the retaining lugs of the roof hatches to the various handrails and lamp brackets. The ribbed hoppers look great, with excellent definition and the rooftop



“These are a fantastic first effort by Ellis Clark Trains, raising expectations for its other ‘O’ gauge projects”





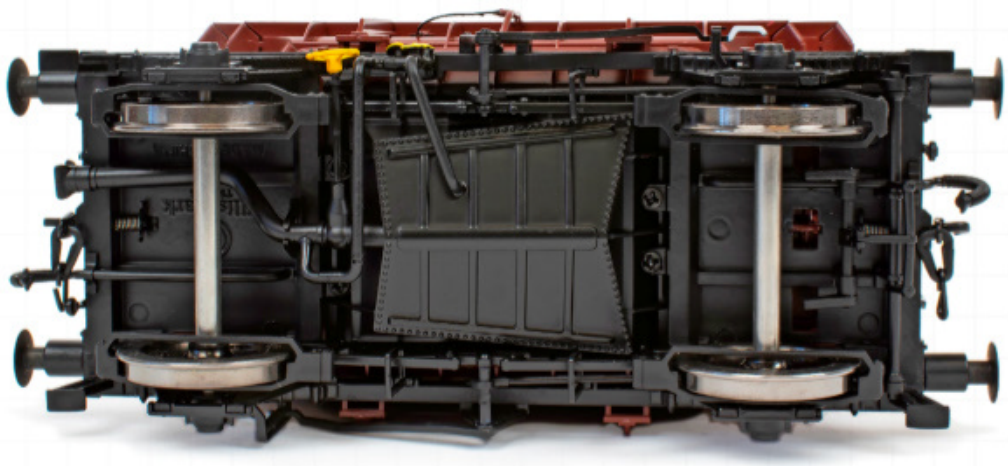
walkway and access ladder are especially well rendered. The pressure gauge and flexible air pipe on one side is an impressive feature and the chassis is festooned with pipework and valves associated with the discharge equipment.

Brake gear, too, has been captured accurately, with the twin vacuum cylinders and the complex actuating rod arrangement all linked together, creating a totally authentic appearance. Each axle is sprung and the axleboxes slide freely within the guards, helping each wagon to run smoothly and effortlessly, even over points and uneven rail joints.

Sprung buffers are installed, with our two samples featuring early and later-style buffer shanks. Working Instanter couplings are fitted, although the sprung drawhooks have limited travel and the plain coupling links are a tad short. As a result, the couplings are a little fiddly to operate and the gap between wagons is minimal. While this looks great, it may cause issues with short radius curves. At 184g each, there’s enough mass to ensure reliable running without over-taxing a locomotive.

All of the key dimensions and proportions are scaled correctly, and the quality of the paint finish and printed detail is excellent, with even the smallest data panels legible. Those wagons supplied without numbers come with waterslide decal sheets, which offer several numbering and marking options, along with appropriate builder’s plates to suit individual prototypes.

These are a fantastic first effort by Ellis Clark Trains, raising expectations for its other ‘O’ gauge locomotive and rolling stock projects. They certainly do this humble yet important prototype justice, and I can imagine how much fun I could have weathering up a fleet of these beauties! ***(GD)***



SUMMARY

PROS
- Looks and accuracy.
- Superb level of detail.
- High-quality finish.
- Smooth running.

CONS
- Coupling links a little short.

FINAL VERDICT

Fantastic.

MODEL RAIL *exclusives*

Locomotives you can only buy from us!

'16XX' 0-6-0PT

00 GAUGE

ORDER YOURS TODAY!

22 VERSIONS TO CHOOSE FROM

Specification list

OUT NOW

Made by: Rapido Trains

Motor: Five-pole

DCC socket: Next18

Features: NEM coupler pockets, factory-fitted speaker, sprung buffers, firebox glow, 'Busby' spark arrestor chimney.

£149.00

£134.10 price for subscribers





BR BLACK, EARLY EMBLEM (PRISTINE)

- MR-301A: No. 1609
- MR-301B: No. 1623
- MR-301C: No. 1624
- MR-301D: No. 1657
- MR-301E: No. 1664
- MR-301F: No. 1658
- MR-301G: No. 1668
- MR-302A: No. 1646

BR BLACK, EARLY EMBLEM (WEATHERED)

- MR-302B: No. 1649
- MR-303: No. 1604

BR BLACK, LATE EMBLEM (PRISTINE)

- MR-304A: No. 1636
- MR-304B: No. 1655

BR BLACK, LATE EMBLEM (WEATHERED)

- MR-305A: No. 1627
- MR-305B: No. 1628

GWR GREEN

- MR-306: GWR green No. 1638

'BUSBY' CHIMNEY

- MR-307A: BR black early emblem pristine, No. 1616
- MR-307B: BR black early emblem pristine, No. 1629
- MR-308: BR black early emblem weathered, No. 1661

NCB GREEN

- MR-309A: NCB green, No. 1600
- MR-309B: NCB green, No. 1607

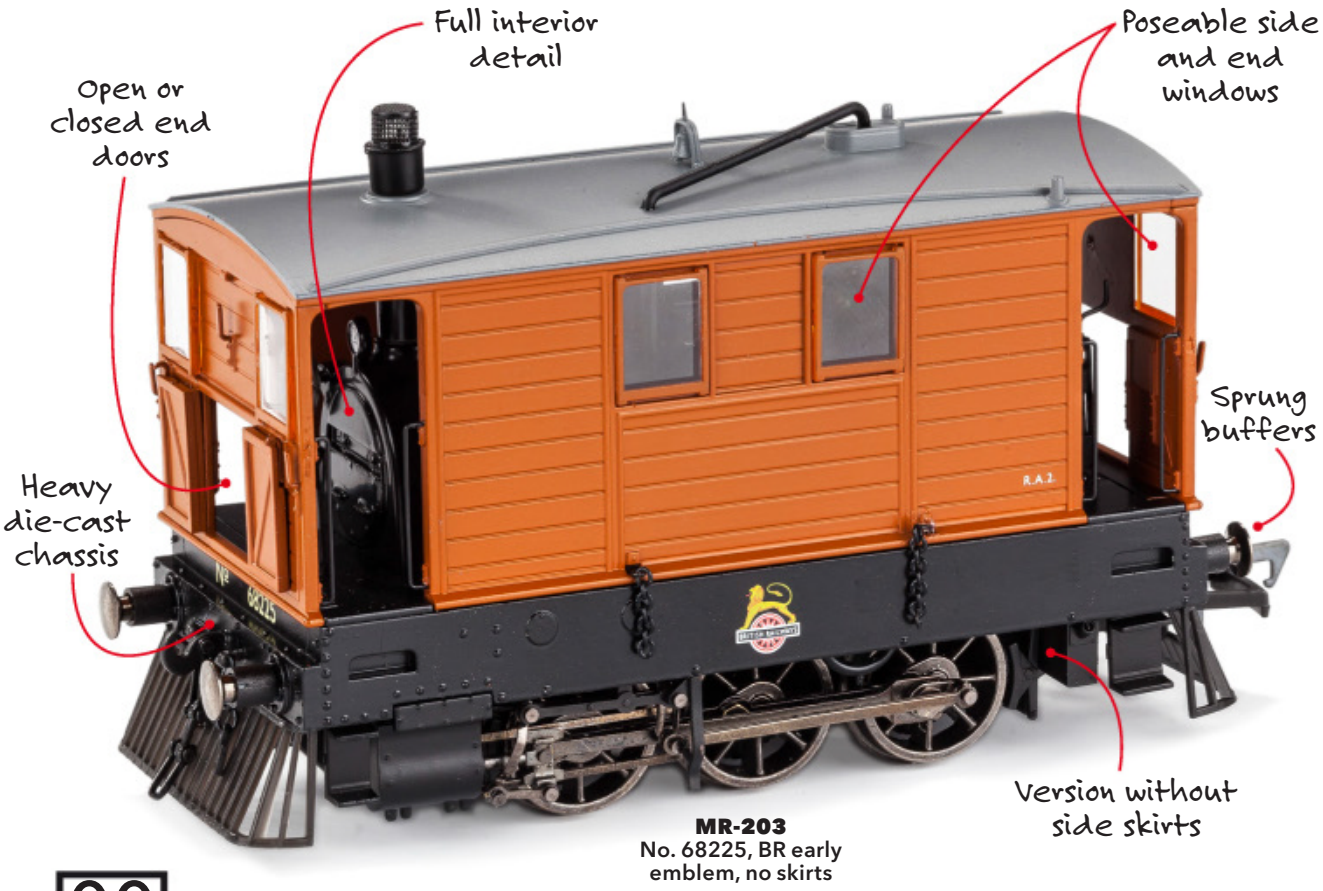
PRESERVED GREEN

- MR-310A: Green early BR emblem, No. 1638
- MR-310B: Green 'Dart Valley' lettering, No. 1638





Order yours at WWW.MODELRAIL



MR-203
No. 68225, BR early emblem, no skirts

Specification list

Made by: Rapido Trains

Motor: Coreless

DCC socket: Six-pin

Features: NEM coupler pockets, space for sound speaker, sprung buffers, removable cowcatchers, posable windows and end doors, etched worksplates.

£127.50

£114.75 price for subscribers

00 GAUGE

LNER 'J70s'

SIX TO CHOOSE FROM

For immediate delivery!



MR-201 No. 68219, BR early emblem



MR-202 No. 68222, BR early emblem, full skirts



MR-203
No. 68225, BR early emblem, no skirts



MR-204
No. 68226, British Railways lettering, no skirts



MR-205 No. 68223, British Railways lettering, full skirts



MR-206 No. 7128, LNER wartime livery, full skirts



MR-207 No. 8223, LNER post-war livery, full skirts



MR-208 No. 7126, LNER lined livery, no skirts



MR-209 No. 7137, LNER unlined livery, full skirts



MR-210 No. 7139, LNER lined livery

OFFERS.CO.UK OR 01209 705459

MODEL RAIL *exclusives*

Locomotives you can only buy from us!

ORDER AT WWW.

'USA' 0-6-0Ts

00 GAUGE



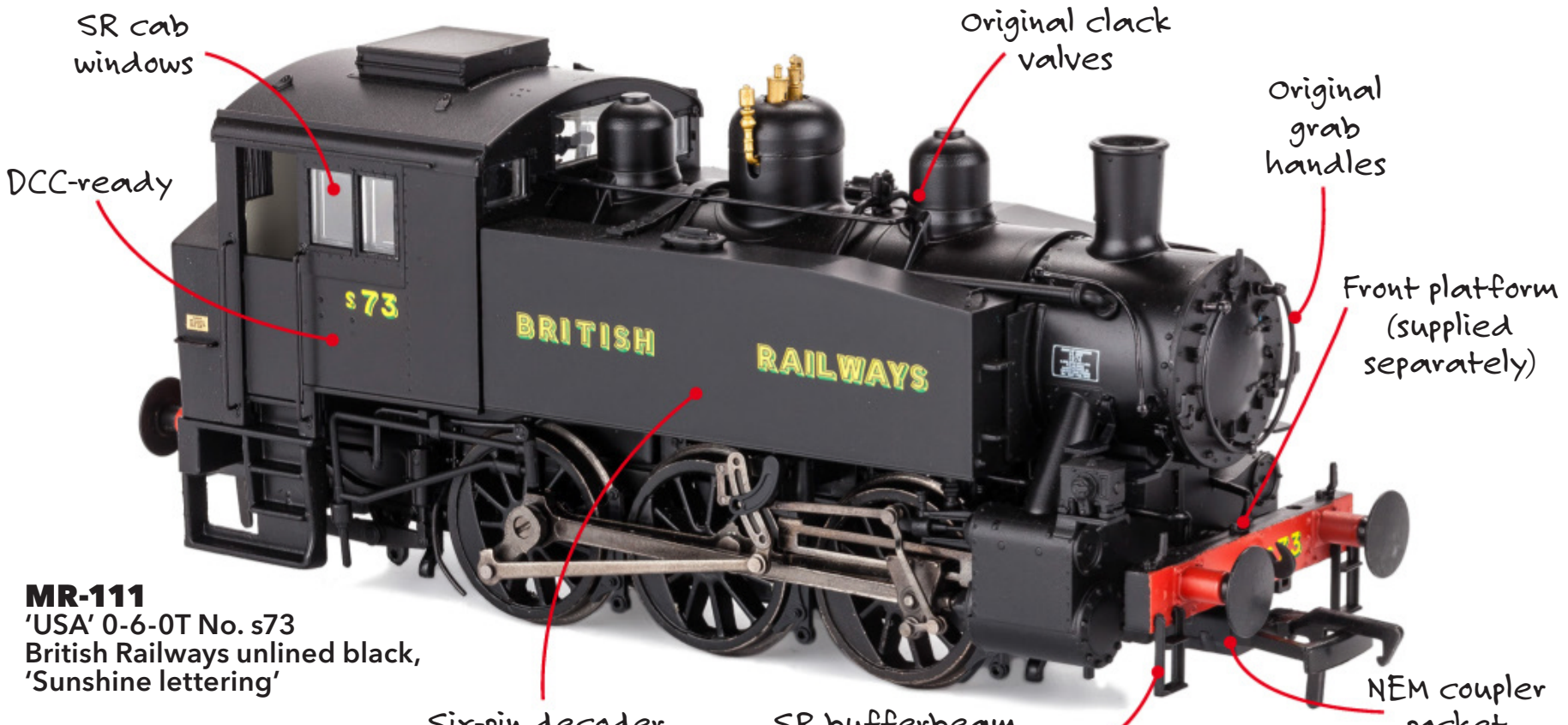
MR-104A
'USA' 0-6-0T
No. 30064, in BR lined green

Specification list

Made by: Bachmann/Kader
Motor: Three-pole
DCC socket: Six-pin
Features: NEM coupler pockets, two types of cab, different smokeboxes, different footsteps, separately fitted hinged platform.

MR-111
£129.95

£116.95 price for subscribers



MR-111
'USA' 0-6-0T No. s73
British Railways unlined black, 'Sunshine lettering'

We've frozen the original 2017 price on these models

Our 'USA' 0-6-0Ts are beginning to sell out – order yours today!

£124.95

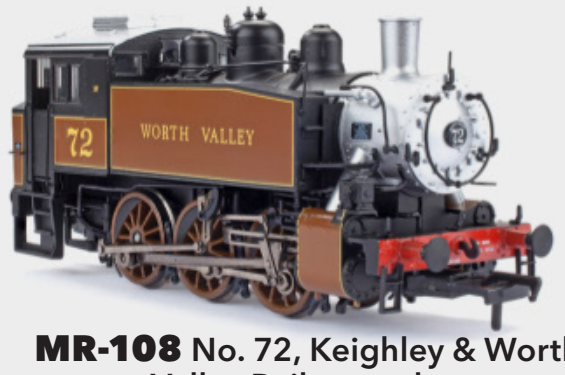
£112.46 price for subscribers



MR-101 No. 1968, USATC black



MR-107 No. 36, National Coal Board black



MR-108 No. 72, Keighley & Worth Valley Railway ochre



MR-110 No. DS237 *Maunsell*, BR Departmental green



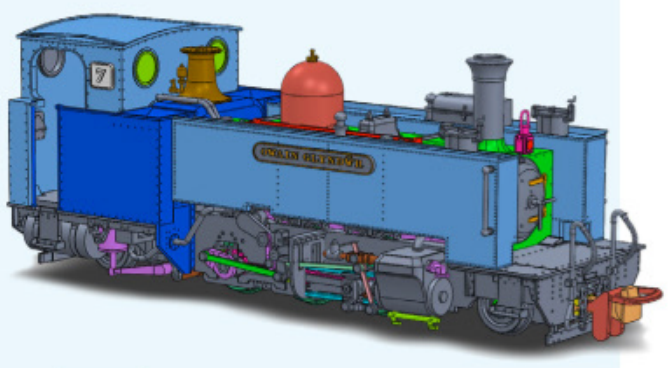
Price: £235.00
£211.50 price for subscribers

00 GAUGE BACHMANN CLASS 66/032-725WDS: 66062, EURO CARGO RAIL LIVERY, SOUND-FITTED

COMING SOON
FROM *MODEL RAIL*



00 GAUGE **BR Class 48 Co-Co**
Produced by Heljan



009 GAUGE **Vale of Rheidol 2-6-2T**



00 GAUGE **Ruston 'PWM' 0-6-0DE**
Produced by Heljan in partnership with Kernow MRC



00 GAUGE **BR Class 11 0-6-0DE**
Produced by Heljan

● **Order book for these new models not yet open.**
Keep an eye out in *Model Rail* for updates.

MODEL RAIL EXCLUSIVE PUBLICATIONS

IDEAS FOR LAYOUTS: IN THE DETAIL

In the Detail provides an exciting range of modelling ideas, encompassing scenic, rolling stock, operational and infrastructure subjects.





GREAT BRITISH MODEL RAILWAYS 2021

Celebrate the skill, imagination and craftsmanship of Britain's best railway modellers with this superb 132-page publication.

MODEL RAIL PUBLICATIONS ORDER DETAILS

01733 840111 ***www.greatmagazines.co.uk/modelrailbookazines***

Please note that this is for *Model Rail* Extras only – you can't use this number or website to order *Model Rail* Offer models.

Next Issue

ON SALE JUL 7

Taking a trip to the country

We visit Dan Evason, who was commissioned to build the exquisite 'Little Burford', for Mike Hickling.

On track for realism

We show you how to give the ballast in your sidings a suitably grimy appearance.



NEVER MISS AN ISSUE!
Turn to page 26 for details of our great subscription offer

ADVERTISERS' INDEX

AC Models 124
Accurascale 15
C&L Finescale 130
Coastal DCC 134
Crane Sheds & Summerhouses 129
Dapol 2
Deluxe Materials 133
Digitrains 117
DMG Technical 39
Durham Trains of Stanley 130
Eileen's Emporium 130
Ellis Clark Trains 120
EMA Model Supplies 125
Exe Model Railway Society 132
Freestone Model Accessories 134
Frizinghall Models & Railways 125
Gaugemaster 121, 140
GFB Designs 128
Golden Valley Hobbies 132
Harburn Hobbies 132
Harder & Steenbeck 13
Hattons 108-111
Hobby Rail 131
Hobby Trax 122
Howes Models 128
Kernow Model Rail Centre 112-113
KJB Models 40
KR Models 24
Langley Models 125
Littleworth Models 124
Mac's Model Railroading 124
Megapoints Controllers 126
Metcalfe Models 84
Model Electronic Railway Group 131
Model Rail Electrics 126
Model Railway Solutions 134
Modelrailwayscenery.com 132
Morley Controllers 128
Morris Models 134
Oz UK Steel Buildings 131
PDK Models 133
Peter's Spares 133
Polly Model Engineering 116
Publishing Works 129
Rails Of Sheffield 103-107
Railtrail Tours 119
Rapido Trains 19
Revolution Trains 123
Ron Lines 125
Scalescenes.com 129
Smart Models 131
Special Auction Services 57
The Airbrush Company 10
The Hereford Model Centre 47
The Hobby Shop 128
TMC 114-115
Tower Models 118
Townstreet 129
Warwick & Warwick 139
York Modelmaking 132
YouChoos 130

ADVERTISING IN *MODEL RAIL*

If you want to advertise in *Model Rail* call the number below to speak to our advertising team.

Senior Sales Exec Display:
Sarah Charity
01733 366350
email: *sarah.charity@bauermedia.co.uk*

CLASSIFIED INDEX

Classified advertisers on pages 135-136

AGR Model Railway Store
Branchlines
Church Street Models
Connoisseur Models
Crafty Hobbies
Dave Angell
East Somerset Models
Gravesend Model Centre
Howard Scenic Supplies
Jacksons Models
John Dutfield For Model Railways
Kent Garden Railways
Mark's Trains
Model Scenery Supplies
Monk Bar Model Shop
Nick Tozer Railway Books
Orwell Model Railways
P&D Marsh
Pooley's Puffers
Recreation21
Redcar Models & Hobbies
Roxey Mouldings
Roxley Models Shop
Skytrex (2013)
The Hobby Goblin
The Sports And Model Shop
The Tutbury Jinny
Tri-Angman
Trident Trains
Upstairs Downstairs

CELEBRATING 50th OUR 50TH YEAR

1970

RAILS OF SHEFFIELD

2020

railsofsheffield.com

CELEBRATING 50th OUR 50TH YEAR

EXCLUSIVE FROM RAILS & DAPOL

OO GAUGE MODEL

SECR MAUNSELL D1 CLASS

NEW!



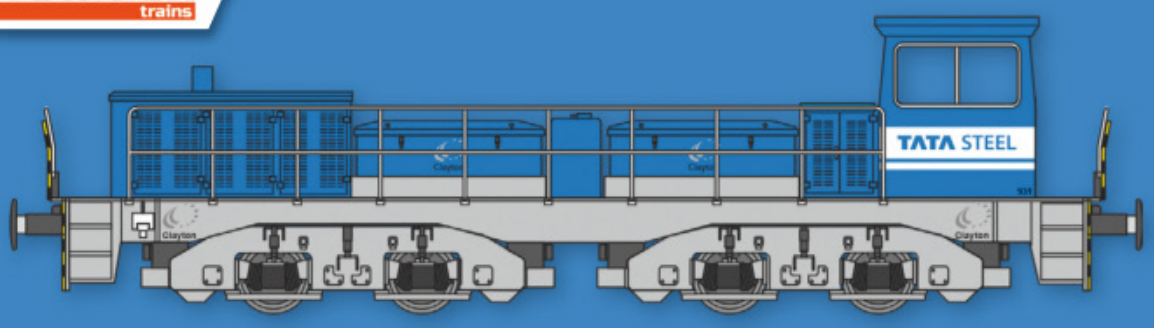




6 LIVERIES AVAILABLE DCC READY / DCC SOUND

PRE-ORDER NOW! £30 Deposit / *£199.95 – £324.95* **SEE WEBSITE FOR DETAILS** EXP Q4'22

Revolution trains



REVOLUTION TRAINS

ANNOUNCE

CLAYTON CLASS 18

The CLAYTON ENGINEERING CLASS 18 CBD80/CBD90 HYBRID BATTERY DIESEL SHUNTING LOCOMOTIVE in OO Gauge.

EXCLUSIVELY FROM RAILS! EXP Q4'22–Q1'23

LIVERIES AVAILABLE – Beacon Rail – Tata Steel – Sellafield Ltd

5 VERSIONS AVAILABLE

PRE-ORDER NOW! £30 Deposit

£179.95 – 279.95 - see website for details

WE STOCK ALL THE MAJOR BRANDS

plus many, many more...

PRICING POLICY FOR IN STOCK AND AVAILABLE ITEMS: The price advertised on Rails of Sheffield website will be the price charged at the time of the order being processed. This excludes errors in pricing (E & OE) in the event of an error with a price you will be contacted prior to the order being processed and given the option to accept the correct price or cancel the order.

PLEASE NOTE: All items currently in stock are despatched immediately. Forthcoming releases will be despatched immediately upon release. If your order contains both current items and forthcoming releases then these will be despatched separately and subject to separate delivery charges.

SEE OUR WEBSITE FOR FULL LISTINGS

***INCLUDING* SPECIAL OFFERS & GREAT DEALS!!**

www.railsofsheffield.com

OUR SHEFFIELD SHOP IS OPEN:

9am–5pm Mon, Tues, Thurs, Fri & Sat

CLOSED: Wed & Sun

RAILS TV & SOCIAL MEDIA...

Like us on:

railsofsheffield railsofsheffield railsofsheffield railsofsheffield

ebay store *Search:* **RAILS-OF-SHEFFIELD**

SHIPPING COSTS: ROYAL MAIL 48 HOUR TRACKED £4.00: Royal Mail aim to deliver within 2 days of dispatch including Saturdays (this is not a guaranteed service and parcels can take longer to arrive).

ROYAL MAIL 24 HOUR TRACKED £5.00: Royal Mail aim to deliver within 1 day of dispatch including Saturdays (this is not a guaranteed service and parcels can take longer to arrive).

SPECIAL DELIVERY £8.50: Guaranteed delivery by 1pm the next day Monday to Saturday. With full track and trace system, your parcel is delivered speedily and securely (orders must be placed by 2pm to guarantee same day dispatch).

PARCEL FORCE COURIER SERVICE £7.50: Next day delivery for much of the UK, including Saturdays. Full track and trace system. Used for parcels over 1.8kg without packing or if you would like a speedy secure delivery of your parcel. This excludes the following post codes BT, JE, GY, IM, KW, IV, PA and PO30- 44, KA27-28, PH17-26, PH49-50 and ZE. The cost for these postcodes is £12.00 and will be delivered within two to three working days (orders must be placed by 3pm to guarantee same day dispatch).

WORLDWIDE POSTAGE: For all orders outside the UK, postage will be charged at cost, based on the weight and size of the parcel.

21-29 Chesterfield Road Sheffield South Yorkshire S8 0RL UK Tel: (0114) 255 1436 Fax: (0114) 255 5982

info@railsofsheffield.com railsofsheffield railsofsheffield railsofsheffield railsofsheffield

Corporate Partners of RAILWAY MUSEUM

RAILS OF SHEFFIELD railsofsheffield.com

HORNBY MODEL RAILWAY Awards 2019 | HORNBY MODEL RAILWAY Awards 2018

RETAILER OF THE YEAR!

WANTED

CASH OR EXCHANGE

WE WANT **ANYTHING** MODEL RAILWAY RELATED, ANY AGE, ANY GAUGE, FROM A SINGLE ITEM TO A LIFETIME COLLECTION. DISTANCE NO OBJECT. PLEASE TELEPHONE, OR EMAIL YOUR LISTS TO SECONDHAND@RAILSOFSHEFFIELD.COM

BUY · SELL · EXCHANGE · ANY GAUGE · ANY AGE

RAILS OF SHEFFIELD VALUE YOUR SECOND HAND COLLECTION VERY HIGHLY

LOCOS - COACHES - WAGONS - TRACK-WORK - CONTROLLERS - ACCESSORIES
DIE-CAST - LORRIES - BUSES - PLANES - SOLDIERS - RAILWAYANA - AND MORE

DECEASED ESTATES - EX SHOP STOCK A SPECIALITY
FAST SERVICE WITH COMPLETE DISCRETION ASSURED

NO COLLECTION IS TOO LARGE

FOR LARGER COLLECTIONS WHERE IT IS IMPOSSIBLE TO LIST ALL ITEMS - WE CAN ARRANGE A PERSONAL VISIT

IMMEDIATE PAYMENT BY BANK TRANSFER OR CASH
***OR* WHY NOT TRADE YOUR ITEMS IN FOR EXCHANGE FOR AN EVEN BIGGER ALLOWANCE**

We URGENTLY require collections of any size, featuring products from the following manufacturers:

HORNBY · Bachmann · Mainline Railways · Graham Farish · dapol · Bassett-Lowke · EGB · Athearn · Revolution trains · Sonic Models · ViTrains · märklin · FLEISCHMANN · Rivarossi · Rapido Trains Inc. · Games Workshop · Broadway Limited · Lima · Jouef · Tri-ang Railways · Wrenn Railways · Gaugemaster · BRAWA · PECO · CAVALEX Models · accurascale · Liliput · Heljan · Atlas · KATO · Roco · Airfix · Faller · PIKO · ARNOLD · KRModels · Minitrix · TRIX · Replica Railways · Hornby Dublo · Dinky Toys · Corgi Toys · MECCANO · DCC Concepts · Scalextric · Tri-ang Minic Motorways · JB · DJH Model Loco · WE ALSO BUY RAILWAYANA · SIGNAGE AND TOTEMS · EFE Rail

PLUS MANY MORE...

Telephone our Second Hand team on: (0114) 255 1436 or email: secondhand@railsofsheffield.com - Ref: MR2022

21-29 Chesterfield Road Sheffield South Yorkshire S8 0RL UK Tel: (0114) 255 1436 Fax: (0114) 255 5982
info@railsofsheffield.com railsofsheffield railsofsheffield railssheffield railsofsheffield

Corporate Partners of RAILWAY MUSEUM

RAILS OF SHEFFIELD

railsofsheffield.com

HORNBY MODEL RAILWAY Awards 2019 | HORNBY MODEL RAILWAY Awards 2018

RETAILER OF THE YEAR!

WE VALUE YOUR PRE-OWNED & SECOND HAND MODEL COLLECTION VERY HIGHLY!!

ALL BRANDS

FOR CASH

CONTACT US
get in touch by email, phone or post with your list of items

STEP 01

WE MAKE AN OFFER
our friendly, experienced staff review your list and make an honest valuation and offer

STEP 02

BRING, SEND OR COLLECT
either visit the shop, send us your items, or for larger collections we will arrange collection for you

STEP 03

PAYMENT MADE!
we confirm the offer and make a fast, secure payment via your choice of payment method

STEP 04

TOP GUARANTEED PRICES PAID

FAMILY BUSINESS FRIENDLY SERVICE

FOR MORE DETAILS see our website: railsofsheffield.com/wanted

FULL COLLECTIONS PURCHASED
UK & WORLDWIDE COLLECTION AVAILABLE

BUY · SELL · EXCHANGE · ANY GAUGE · ANY AGE

TELEPHONE OUR SECOND HAND TEAM ON: (0114) 255 1436
OR EMAIL: SECONDHAND@RAILSOFSHEFFIELD.COM

21-29 Chesterfield Road Sheffield South Yorkshire S8 0RL UK Tel: (0114) 255 1436 Fax: (0114) 255 5982

info@railsofsheffield.com railsofsheffield railsofsheffield railsofsheffield railsofsheffield

Corporate Partners of RAILWAY MUSEUM

RAILS LIMITED

EXCLUSIVES

OO & N GAUGE MODELS

See the website for full details:

CLASS 56

14 LIVERIES AVAILABLE

PRE-ORDER NOW! £189.95
Secure yours for **ONLY £30 DEPOSIT**

DCC FITTED & DCC SOUND VERSIONS ARE AVAILABLE



CAVALEX Models

Sonic Models

NEW!

DUE
Q2 2022



(GCR CLASS 9N) 4-6-2 TANK

ROBINSON A5

8 VERSIONS AVAILABLE

PRE-ORDER NOW! £149.95
Secure yours for **ONLY £30 DEPOSIT**

KERR 0-6-0T LOCOMOTIVE

STUART "VICTORY"

5 VERSIONS AVAILABLE

PRE-ORDER NOW! £130.00
Secure yours for **ONLY £30 DEPOSIT**



NEW!

Pi PLANET industrials

DUE
Q2 2022



BR BLACK WITH SILVER TRIM (AS BUILT 1951)

BR GAS TURBINE PROTOTYPE 18100

THE REBUILT VERSIONS ALSO AVAILABLE

PRE-ORDER NOW! £225.00
Secure yours for **ONLY £30 DEPOSIT**

NEW!

HELJAN

EXCLUSIVE TO RAILS

NOW IN STOCK!

NORTH EASTERN RAILWAY

ELECTRIC AUTOCAR

3 VERSIONS AVAILABLE

PRE-ORDER NOW! £199.95
Secure yours for **ONLY £30 DEPOSIT**

SOUND UPGRADE AVAILABLE



HELJAN



PRECEDENT

LNWR IMPROVED CLASS 2-4-0

2&3 VERSIONS AVAILABLE

NOW IN STOCK!

SEE WEBSITE FOR DETAILS

BACHMANN BRANCH-LINE

2-6-2 'DURHAM LIGHT INFANTRY'

CLASS V2



21-29 Chesterfield Road Sheffield South Yorkshire S8 0RL UK Tel: (0114) 255 1436 Fax: (0114) 255 5982

info@railsofsheffield.com railsofsheffield railsofsheffield railssheffield railsofsheffield

Corporate Partners of RAILWAY MUSEUM

COLLECTION

railsofsheffield.com/exclusive

OO & N GAUGE MODELS

SEE WEBSITE for more EXCLUSIVES & details!

HORNBY MODEL RAILWAY Awards 2019 2018

RETAILER OF THE YEAR!

NEW! **N GAUGE** MATHIESON

MATHIESON RCH 7 PLANK WAGON COLLECTION

10 VERSIONS AVAILABLE

DUE Q2 2022

PRE-ORDER NOW! £19.95





© Foulger Railway Photography

N GAUGE dapol NEW!

CLASS 59 206

'JOHN F YEOMAN' G&W FREIGHTLINER LOCOMOTIVE

PRE-ORDER NOW! £159.95 **NO DEPOSIT**

NEW! **N GAUGE** Sonic Models

CLASS J50 0-6-0 TANK

8 VERSIONS AVAILABLE

DUE Q2 2022

PRE-ORDER NOW! £109.95

Secure yours for **ONLY £20 DEPOSIT**



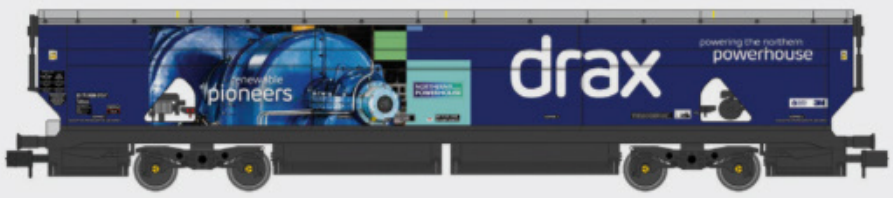
DRAX POWER IIA-D BIOMASS HOPPERS

N GAUGE Revolution trains

TWIN PACKS - RANGE OF SIX PACKS AVAILABLE

PRE-ORDER NOW! £79.95





NEW! **N GAUGE** DUE Q2 2022

TRIPLE PACK

CAVALEX Models

PGA WAGON

6 VERSIONS AVAILABLE

PRE-ORDER NOW! £89.95



Please see our website for latest availability and expected arrival dates

CLASS 59 59003 - *EXCLUSIVE*

ORIGINAL GBRF "EUROPORTE" & REVISED GBRF

N GAUGE Revolution trains NEW!



PRE-ORDER NOW! £159.95



21-29 Chesterfield Road Sheffield South Yorkshire S8 0RL UK Tel: (0114) 255 1436 Fax: (0114) 255 5982

info@railsofsheffield.com railsofsheffield railsofsheffield railssheffield railsofsheffield

Corporate Partners of RAILWAY MUSEUM

Hattons · MODEL RAILWAYS ·

Forthcoming Releases

Your Guide to New Tooling Projects In Production
Visit hattons.co.uk for all the latest news & updates

OO Gauge Steam Locos



L&MR 'Lion' 0-4-2
Stage: Engineering Sample **Due:** 2023
Price: from £152.96 **Digital:** NEXT-18
hattons.co.uk/rapidolion



Hawthorn Leslie 0-4-0ST
Stage: CADs **Due:** Q3 2023
Price: from £99.45 **Digital:** NEXT-18
hattons.co.uk/dapolhl040



Hunslet 16" 0-6-0ST
Stage: Engineering Sample **Due:** TBC 2022
Price: from £110.46 **Digital:** NEXT-18
hattons.co.uk/rapidohunslet



Class 78xx 'Manor' 4-6-0
Stage: Deco Samples **Due:**Jun 2022
Price: from £140.72 **Digital:** NEXT-18
hattons.co.uk/dapolmanor



Class 78xx Manor 4-6-0
Stage: Engineering Sample **Due:** Q3 2022
Price: from £169.99 **Digital:** 21-pin
hattons.co.uk/accurascalemanor



HR Class I 'Jones Goods' 4-6-0
Stage: CADs **Due:** TBC 2023
Price: from £186.96 **Digital:** 21-pin
hattons.co.uk/rapidojonesgoods

OO Diesels & Electrics



Class 31
Stage: Engineering Samples **Due:** Q2 2023
Price: from £169.99 **Digital:** 21-pin
hattons.co.uk/accurascale31



Class 37/0, 37/4 & 37/6
Stage: Decorated Samples **Due:** Q3/4 2022
Price: from £169.99 **Digital:** 21-pin
hattons.co.uk/accurascale37



Class 47
Stage: EP & Livery Artwork **Due:** Q4 2022
Price: from £186.95 **Digital:** 21-pin
hattons.co.uk/heljanoo47



Class 59
Stage: Painted Samples **Due:** Late 2022
Price: from £136.31 **Digital:** 21-pin
hattons.co.uk/dapol59



BR NBL Prototype 10800
Stage: CADs **Due:** 2023
Price: £199.71 **Digital:** 21-pin
hattons.co.uk/heljan10800

OO Gauge Multiple Units



Class 104 DMU
Stage: CADs **Due:** Q1 2023
Price: from £296.65 **Digital:** 21-pin
hattons.co.uk/heljan104

OO Coaches & Wagons



Genesis 4 & 6 Wheel Coaches
Stage: Deco Samples **Due:** 2022/ 23
Price: from £30 **Digital:** 18-pin
hattons.co.uk/genesis



BR Mk2B Coaches
Stage: Deco Samples **Due:** Q4 2022
Price: £59.95 each **Digital:** Yes
hattons.co.uk/accurascalemk2b



GWR 'Toplight City' Coaches
Stage: Engineering Samples **Due:** 2023
Price: £51 each **Digital:** 6-pin
hattons.co.uk/dapoltoplightcity



Siphon G Vans
Stage: Early Samples **Due:** Q1 2023
Price: £54.95 **Digital:** N/A
hattons.co.uk/accsiphong



SECR 10t Goods Van
Stage: Deco Samples **Due:** 2023
Price: £28.01 **Digital:** N/A
hattons.co.uk/rapidosecrvan



VIX Ferry Vans
Stage: Engineering Samples **Due:** 2022
Price: £39.06 each **Digital:** N/A
hattons.co.uk/rapidovix



Chaldron 4-wheel Wagons
Stage: Deco Samples **Due:** Q2 2022
Price: £44.99 (3-pack) **Digital:** N/A
hattons.co.uk/accurascalechaldron



GWR 10t Iron Mink Vans
Stage: Engineering Samples **Due:** Q4 2022
Price: £28.01 each **Digital:** N/A
hattons.co.uk/rapidoironmink



45t OAA Wagons
Stage: CADs **Due:** Q1 2023
Price: £33.96 each **Digital:** N/A
hattons.co.uk/rapidooaa

N Gauge Steam Locos



LSWR Class M7 0-4-4T
Stage: Prototype **Due:** Q3 2022
Price: £83.2 **Digital:** Yes - PCB swap
hattons.co.uk/dapolm7

N Gauge Diesel Locos



Class 28 Co-Bo
Stage: Early sample **Due:** TBC 2022
Price: from £101.96 **Digital:** NEXT-18
hattons.co.uk/rapidocobo



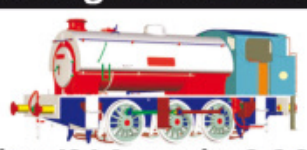
Class 59
Stage: Engineering Samples **Due:** Q4 2022
Price: from £136 **Digital:** NEXT-18
hattons.co.uk/dapoln59

N Gauge Wagons



JHA 102t Hopper Wagons
Stage: Engineering Samples **Due:** Q3/ Q4 2022
Price: £33.96 **Digital:** N/A
hattons.co.uk/dapolnjha

O Gauge Steam Locos



Class J94 Austerity 0-6-0ST
Stage: CADs **Due:** 2023
Price: from £212.50 **Digital:** 21-pin
hattons.co.uk/dapolj94



Class B4 0-4-0T
Stage: Deco Samples **Due:** Q3 2022
Price: from £195.50 **Digital:** 21-pin
hattons.co.uk/dapololswrb4

O Gauge Diesels/ Electrics



Class 26
Stage: Deco Samples **Due:** Q2 2022
Price: from £509.15 **Digital:** ESU XL
hattons.co.uk/heljano26



Class 37/0 Re-Tool
Stage: CADs **Due:** 2023
Price: £534.65 **Digital:** ESU XL
hattons.co.uk/heljano37



Class 55 'Deltic'
Stage: Early sample **Due:** 2023
Price: from £594.15 **Digital:** ESU XL
hattons.co.uk/heljandeltic



Class 66
Stage: Engineering Sample **Due:** Q3 2022
Price: from £285.92 **Digital:** 21-pin
hattons.co.uk/dapolo66



Class 73
Stage: Engineering Sample **Due:** Mid-2022
Price: from £636.65 **Digital:** ESU XL
hattons.co.uk/heljan73

O Diesel Multiple Units



GWR Streamlined Railcar
Stage: Painted Samples **Due:** Q2 2022
Price: from £297.50 **Digital:** 21-pin
hattons.co.uk/dapolorailcar



Class 117 2/ 3-car DMU
Stage: Early samples **Due:** 2022
Price: from £551.65 **Digital:** 21-pin
hattons.co.uk/heljan117

O Coaches & Wagons



Stroudley 4 Wheel Coaches
Stage: Deco Samples **Due:** Q2 2022
Price: from £96.77 **Digital:** Yes TBC
hattons.co.uk/dapolstroudley



Mk2 & Mk2A Coaches
Stage: Prototypes **Due:** Q3 2022
Price: from £237.15 **Digital:** N/A
hattons.co.uk/heljanmk2



Mk1 Covered Carriage Trucks
Stage: Early sample **Due:** 2022
Price: from £152.15 **Digital:** N/A
hattons.co.uk/heljancct

Please note - Images shown here may not be fully representative of the final products. Errors excepted.

Hattons · MODEL RAILWAYS ·

Your Local Online Model Railway Store

Explore an incredible range of new & pre-owned items at **hattons.co.uk**

0151 733 3655
Available: 9:30am to 5:30pm (UK Time) - 7 days a week
info@hattons.co.uk
www.hattons.co.uk

Reliable & Fast Delivery
We ship worldwide and offer services to suit your budget.
Standard Delivery - £4
Next Day Service - £9
International - Search for 'Hattons Delivery' for full info

Trunk Service
Purchase items and have them held with us for later despatch.
Combine Your Orders
Save on Postage Costs
Snap up Popular Items

Friendly Team
Our team are always happy to help with any queries.
Available 9:30am to 5:30pm (UK Time) 7 Days a Week

Pre-Owned Trade-In
Trade-in your unwanted items quickly and easily with Hattons.
Dedicated pre-owned team
Build your list quickly online
Great cash or credit offers

News & Listings
Get all the details you need to know on a range of models.
Join us on social media
Read our weekly newsletters
Lots of great online content

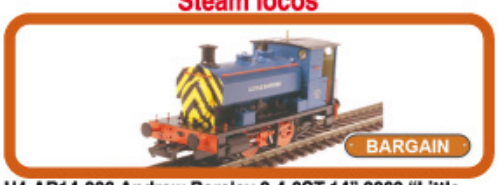
Find us at: **www.hattons.co.uk** or search for: **'Help Me Hattons'**

Our Latest Best-Sellers...

Explore **over 20,000** items at **www.hattons.co.uk**

OO Gauge (1:76 Scale)

Steam locos



H4-AB14-006 Andrew Barclay 0-4-0ST 14" 2069 "Little Barford" in Acton Lane Power Station blue wasp stripes (Hat) (RRP £99).....BARGAIN.....£84



R3990 Class A1 4-6-2 2547 "Doncaster" in LNER green (Hor) NEW.....£228



R3541 Class Q6 Raven 0-8-0 2265 in LNER black pre-war lettering (Hor) (RRP £194.99).....BARGAIN....£114



R3702 Class W4 Peckett 0-4-0ST "Daphne" in Tytherington Stone Co. purple (Hor).....£115



R3703 Class W4 Peckett 0-4-0ST No.8 "Bear" in light blue (Hor).....£115



H4-P-013 SECR P Class 0-6-0T 5027 in ROD green (Hat) (RRP £99).....BARGAIN.....£84

Diesel locos



R30083 0-6-0 'Sentinel' diesel shunter 39 in Port of Bristol Authority blue (Hor).....£98.50



R3899 Class 08 shunter 08715 in BR Stratford depot orange Cockney Sparrow emblem (Hor).....£167



R3745 Class 31/6 31602 "Driver Dave Green" in Network Rail yellow (Hor) (RRP £211.99).....BARGAIN....£149

Electric locos



8646 Class 86/6 86609 in Freightliner (Hel).....£186.96



R3893 Class 91 91117 "Cancer Research UK" in GNER (Hor) NEW.....£196.50

Bi-Modal Multiple Units



R3762 Class 800 IEP five car pack 800201 in LNER 'Azuma' (Hor) NEW.....£430.50

Train sets - analogue



R1167 'Flying Scotsman' starter train set 4472 "Flying Scotsman" loco in LNER green and three Gresley teak coaches (Hor).....£157

Coaches



R4493B 63' Hawksworth first corridor W8119W in BR crimson and cream (Hor) (RRP £60.49) BARGAIN.....£33



GWRCoachPackE Collett 57' Non-Corridor 4-pack in BR crimson (Includes R4878, R4879, R4880 & R4881A) (Hor) (RRP £215.96).....BARGAIN....£119



R4188D ex-LMS Period II 12-wheel dining car M236M in BR crimson and cream (Hor) (RRP £60.49)BARGAIN..£23



R40031 Maunsell composite dining saloon S7841S in BR southern region green (Hor) NEW.....£54.50
R40029A Maunsell kitchen dining first saloon S7955S in BR crimson and cream (Hor) NEW.....£54.50



R4816A Maunsell restaurant kitchen and dining car 7865 in SR olive green (Hor) (RRP £58.49)..BARGAIN.....£29



R40030 Maunsell third class dining saloon 7864 in SR olive green (Hor) NEW.....£54.50
R40030A Maunsell third class dining saloon 7867 SR olive green (Hor) NEW...£54.50



R4843 Period III 50' passenger brake 31010 in LMS crimson lake (Hor) (RRP £60.49).....BARGAIN.....£25

Wagons



BOC17 100 ton BOC tank in BOC Liquid Oxygen yellow stripe and GPS bogies - 0019 (Hel) (RRP £75)BARGAIN . £45

Buses



UK6528 ADL Enviro400 MMC - "Stagecoach London" (Nor) NEW.....£57

Commercial vehicles



76SNG005 Scania S Series Highline Box Trailer - 'Stobart NHS' (Oxf) NEW.....£24.50

N Gauge

Steam locos



2S-013-007 Class 9F 2-10-0 92051 in BR black early emblem (Dap).....£114.75

Diesel locos



2D-002-007 Class 50 50018 "Resolution" in revised Network SouthEast blue (Dap) NEW.....£131.92



2D-002-006 Class 50 50046 "Ajax" in BR large logo blue black roof (Dap) NEW.....£131.92
2D-002-006D Class 50 50046 "Ajax" in BR large logo blue black roof - Digital fitted (Dap) NEW.....£158.31



2D-002-005 Class 50 50149 "Defiance" in Railfreight General sector grey (Dap) NEW.....£131.92

HSTs



2D-019-011 Class 43 HST 4-car book set in First Great Western green and white - 43005, 43009 and two coaches (Dap).....£175.94

DMUs



2D-021-005 Class 156 'Super Sprinter' 156461 in Northern Rail Ravenglass and Eskdale Railway branding (Dap).....£127.52

Bi-Modal Multiple Units



K10-1671 Class 800/0 5-car BiMU IET 800021 in GWR green (Kat)..£178

O Gauge (1:43 Scale)

Steam locos



H7-A3-007 Class A3 4-6-2 60103 "Flying Scotsman" in BR green late crest and unstreamlined corridor tender (Hat) (RRP £750).....BARGAIN....£579



H7-A4-006 Class A4 4-6-2 60007 "Sir Nigel Gresley" in BR express blue unstreamlined corridor tender - "Record Breaker" (Hat) (RRP £750).....BARGAIN....£579

Diesel locos



2051 Class 03 shunter D2011 in BR green no yellow ends and conical exhaust (Hel) (RRP £395) .BARGAIN....£259



1751 Class 17 'Clayton' in BR green full yellow ends - unnumbered (Hel) (RRP £549).....BARGAIN....£350



4852 Class 47 in BR blue (1970s) - unnumbered (Hel) £594.15



5609 Class 56 56071 in BR blue (Hel) NEW.....£594.15
5608 Class 56 56099 in BR large logo blue - Tinsley Depot embellishments (Hel) NEW.....£594.15



5605 Class 56 56101 "Mutual Improvement" in Railfreight Coal sector triple grey - weathered (Hel) NEW.....£619.65
5600 Class 56 in BR blue - unnumbered (Hel) NEW.....£594.15



5601 Class 56 in BR large logo blue - unnumbered (Hel) NEW...£594.15
5604 Class 56 unbranded Railfreight sector triple grey - unnumbered (Hel) NEW £594.15

All items in stock when advert created. Prices valid until 06/07/22. Errors excepted.

Hattons

• MODEL MONEY •

SELL YOUR P RAILWAY

• Trade in with Hattons for payment within 1 or 2 days of your items arriving with us! •



Use our self-service tools to list your collection quickly and easily online!

We purchase all manner of items:

LOCOS & ROLLING STOCK

GARDEN RAILWAYS

DIECAST VEHICLES

UNBUILT PLASTIC KITS

So why choose Hattons?

WE PAY STRAIGHT AWAY!*

- More than 70 years of experience
- Offering you the best prices in the industry
- Valuations made by experts
- Free quotes with no obligation to trade
- We can arrange delivery – no collection too big or too small
- Fast, secure payment • Store credit available

*Same day payments apply for collections received Monday to Friday before 2pm. Any collections received after 2pm will be paid on the next working day. Please note: In the unlikely event that we revise our offer price for your collection, you will be paid after responding to our offer. For full Terms and Conditions, visit hattons.co.uk/preownedterms

Get cash for your items in just four easy steps...

1



List

Prepare & submit a list of your items online or send spreadsheets, documents or photographs to us via our website.

2



Offer

Our expert staff will review your list and create your bespoke valuation.

3



Send

Once the offer is accepted, send your items to us.

4



Pay

Items are checked, the offer confirmed and payment made via **Bank Transfer, Cheque or PayPal**.

Start your trade in today at:

PRE-OWNED MODEL ITEMS FOR CASH



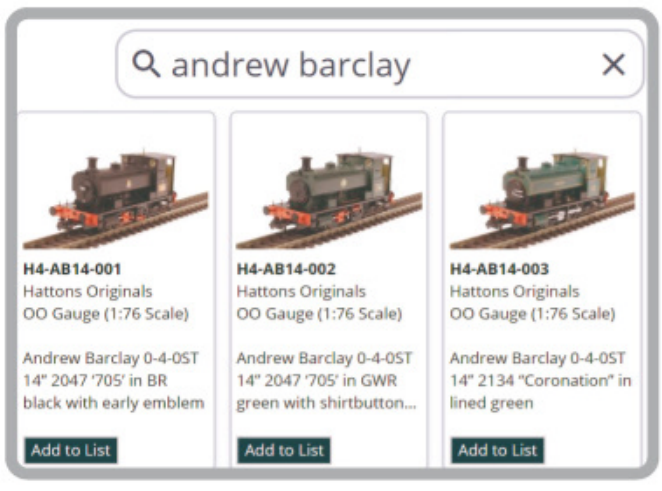
We purchase a wide variety of brands, including...

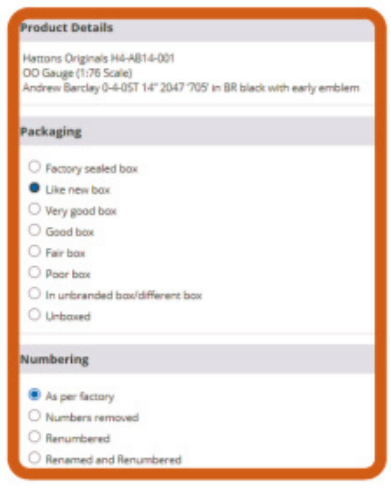
HORNBY · BACHMANN EUROPE PLC · dapol · HELJAN · GAUGEMASTER · PECO

KATO PRECISION RAILROAD MODELS · Lima · GRAHAM FARISH by BACHMANN · MAINLINE RAILWAYS · OXFORD RAIL 00 GAUGE RAILWAYS · ViTrains models

The easiest way to put your list together...

Utilise our extensive product database and preset item conditions to quickly and easily compile your list.





Take our 60 second quiz and immediately learn if we can make an offer on your collection!

www.HattonsModelMoney.com/quiz

Get in touch with our friendly team...



Call us on: 0151 305 1755

Phone opening times: Mon to Sun 9:30am - 5:30pm

Email us at: preowned@hattons.co.uk

17 Montague Road, Widnes, WA8 8FZ

www.hattonsmodelmoney.com

Kernow Model Rail Centre

Visit **www.kernowmodelrailcentre.com** or call our team on **01209 714099**

UK P&P £4 PER ORDER / ORDERS OVER £250 POST FREE AT TIME OF DESPATCH

CAMBORNE
98A Trelowarren Street, TR14 8AN

GUILDFORD
75B Stoke Road, GU1 4HT

LATEST ARRIVALS / OO GAUGE

ACCURASCALE OO

ACC2555 HAA HOP AB Wagon Twin Pack - Railfreight Brown.....£74.95
ACC2556 HAA HOP AB Wagon Twin Pack - Railfreight Brown.....£74.95
ACC2557 HAA HOP AB Wagon Triple Pack - Railfreight Brown.....£74.95
ACC2558 HAA HOP AB Wagon Triple Pack - Railfreight Brown.....£74.95
ACC2560 HAA Wagon Triple Pack - Railfreight Red.....£74.95
ACC2561 HAA Wagon Triple Pack - Railfreight Red.....£74.95
ACC2600 HYA Bogie Hopper Wagon Twin Pack - Fastline Freight 1.....£74.95
ACC2601 HYA Bogie Hopper Wagon Twin Pack - Fastline Freight 2.....£74.95
ACC2602 HYA Bogie Hopper Wagon Twin Pack - Fastline Freight 3.....£74.95
ACC2603 HYA Bogie Hopper Wagon Twin Pack - GBRf Coal 1.....£74.95
ACC2604 HYA Bogie Hopper Wagon Twin Pack - GBRf Coal 2.....£74.95
ACC2605 HYA Bogie Hopper Wagon Twin Pack - GBRf Coal 3.....£74.95
ACC2606 HYA Bogie Hopper Wagon Twin Pack - Unpainted Touax 1.....£74.95
ACC2620 IIA Biomass Bogie Hopper Wagon Twin Pack - GBRf VTG.....£74.95
ACC2621 IIA Biomass Bogie Hopper Wagon Twin Pack - GBRf VTG.....£74.95
ACC2622 IIA Biomass Bogie Hopper Wagon Twin Pack - GBRf VTG.....£74.95
ACC2623 IIA Biomass Bogie Hopper Wagon Twin Pack - GBRf VTG.....£74.95
ACC2640 Cutdown HYA Bogie Hopper Wagon Twin Pack - GBRf Cemex.....£74.95
ACC2641 Cutdown HYA Bogie Hopper Wagon Twin Pack - GBRf Cemex.....£74.95
ACC2642 Cutdown HYA Bogie Hopper Wagon Twin Pack - GBRf Cemex.....£74.95



ACC2643 Cutdown HYA Bogie Hopper Wagon Twin Pack - GBRf Tarmac.....£74.95
ACC2644 Cutdown HYA Bogie Hopper Wagon Twin Pack - GBRf Tarmac.....£74.95
ACC2645 Cutdown HYA Bogie Hopper Wagon Twin Pack - GBRf Tarmac.....£74.95
ACC2646 Cutdown HYA Bogie Hopper Wagon Twin Pack - NACCO.....£74.95

BACHMANN OO

32-614SF Class 90 Electric 90 019 "Penny Black" Rail Express Systems. DCC Sound.£280.95
32-617SF Class 90 Electric Locomotive No. 90 044 Freightliner G&W. DCC Sound..£280.95
32-619SF Class 90 Electric 90 030 "Crewe Locomotive Works" EWS. DCC Sound.....£280.95

BACHMANN SCENECRAFT OO

44-036 Sectional Lineside Hut.....£13.95
44-047 Hampton Hill Platelayers Hut.....£19.95
44-060 Boiler House Chimney.....£19.95
44-110 Nissen Hut.....£21.95
44-128 Fuelling Point Pump House.....£29.95
44-187A Great Central Signal Box Green.....£67.99
44-187C Great Central Signal Box Maroon & Cream.....£67.99
44-517 Brute Trolley x 4.....£11.95
44-0143 Lucston Memorial.....£9.95
44-0144 Lucston Low Relief Bridge.....£19.95
44-0151 Seaside Shelter.....£33.99
44-0161 Narrow Straight Platforms x 2.....£21.99
44-0162 Narrow Platforms Ramps x 2.....£14.95
44-0167 Wooden Halt & Steps.....£22.99
44-0209 Low Relief Pagoda Roof Toilet.....£33.99
44-0514 Seawalls x 2.....£41.99
44-0516 Ironstone Loads 24T Hopper Wagon.....£14.95
44-0517 Ballast Loads for MFA Hopper Wagons.....£14.95
44-0518 Wood Loads for Open Wagons.....£14.95

DAPOL OO

4F-016-116 Banana Van No. B240750 Fyffes Yellow.....£11.14
4F-016-117 Banana Van No. B240750 Fyffes Yellow, weathered.....£12.21
4F-027-021 Silver Bullet ICA No. 33 80 7898 041-4 Nacco, weathered.....£36.95
4F-027-023 Silver Bullet ICA No. 33 80 7898 072-9 Nacco, pristine.....£32.95



4F-027-024 Silver Bullet ICA No. 33 80 7898 044-8 Nacco, pristine.....£32.95
4S-018-005D B4 0-4-0T Steam Locomotive No. 30096 BR Black L/C. DCC Fitted....£129.95

EFE RAIL OO



E99940 London Underground 1938 Tube Stock - 1970s Bakerloo Line EHO Set.....£324.95

HORNBY OO

R3890 Class 91 Bo-Bo Electric Loco 91 002 "Durham Cathedral" Intercity Swallow.£196.99



R3891 Class 91 Bo-Bo Electric Locomotive No. 91 118 "The Fusiliers" LNER.....£196.99



R3893 Class 91 Bo-Bo Electric Loco No. 91 117 "Cancer Research UK" GNER Blue.£196.99



R3990 A1 4-6-2 Steam Loco No. 2547 "Doncaster" LNER Green w/flickering firebox.£227.99
R30070 Railroad Plus Class 59 Diesel 59 101 "Willage of Whatley" Hanson Aggregates.£81.99
R40025 Mk1 Restaurant Buffet Coach No. S1696 BR (SR) Green.....£38.99
R40026 Mk1 Restaurant Buffet Coach No. E1664 BR Maroon.....£38.99
R40027 Mk1 Restaurant Buffet Coach No. 1657 DRS Blue.....£38.99
R40029 Maunsell Kitchen Dining 1st Coach No. S7998S BR Crimson & Cream.....£54.99
R40029A Maunsell Kitchen Dining 1st Coach No. S7955S BR Crimson & Cream.....£54.99
R40030 Maunsell 3rd Class Dining Saloon Open Third Coach No. 1363 SR Green.....£54.99
R40030A Maunsell 3rd Class Dining Saloon Open Third Coach No. 7867 SR Green...£54.99
R40031 Maunsell Composite Dining Coach No. S7841S BR SR Green.....£54.99
R40031A Maunsell Composite Dining Coach No. S7843S BR SR Green.....£54.99
R40038 Mk3 Sleeper Coach No. E10654 BR Blue & Grey.....£40.99
R40040 Mk3 Sleeper Coach No. 10580 Caledonian Sleeper.....£44.99
R40040A Mk3 Sleeper Coach No. 10693 Caledonian Sleeper.....£44.99
R40101 Maunsell Open 3rd Coach No. S1338S BR SR Green.....£54.99
R60062 HAA MGR Hopper Wagon BR Railfreight.....£26.99
R60063 HAA MGR Hopper Wagon Triple Pack BR Railfreight.....£76.99
R60064 HAA MGR Hopper Wagon Traiload Coal.....£26.99



R60065 HAA MGR Hopper Wagon Triple Pack Trainload Coal.....£76.99
R60066 HFA MGR Hopper Wagon Trainload Coal.....£26.99
R60067 HFA MGR Hopper Wagon Triple Pack Trainload Coal.....£76.99
R60068 HFA MGR Hopper Wagon EWS.....£26.99
R60069 HFA MGR Hopper Wagon Triple Pack EWS.....£76.99
R60070 CDA China Clay Hopper Wagon EWS.....£26.99
R60071 CDA China Clay Hopper Wagon Triple Pack EWS.....£76.99
R60072 Conflat A with Furniture Container LMS.....£21.99
R60158 MHA Coalfish Ballast Wagon No. 394266 EWS.....£22.99



R60159 MHA Ballast Wagon Triple Pack EWS.....£22.99
R60160 MHA Coalfish Wagon No. 394287 EWS.....£22.99
R60162 MHA Coalfish Ballast Wagon No. 394136 EWS, unbranded.....£22.99
R60163 MHA Ballast Wagon Triple Pack EWS, unbranded.....£65.99

OO-9 GAUGE

BACHMANN SCENECRAFT OO-9

44-0160B Narrow Gauge Corrugated Station Brown & Cream.....£25.95
44-0160R Narrow Gauge Corrugated Station Red & Cream.....£25.95
44-0163 Narrow Gauge Corrugated Engine Shed.....£42.99
44-0166 Narrow Gauge Stone Water Tower.....£29.99

LATEST ARRIVALS / N GAUGE

DAPOL N

2D-002-005 Class 50 Diesel Locomotive No. 50 149 "Defiance" Railfreight Grey.....£131.95
2D-002-005D Class 50 Diesel No. 50 149 "Defiance" Railfreight Grey. DCC Fitted....£158.95
2D-002-006 Class 50 Diesel Locomotive No. 50 046 "Ajax" Large Logo.....£131.95



2D-002-006D Class 50 Diesel Loco No. 50 046 "Ajax" Large Logo. DCC Fitted.....£158.95
2D-002-007 Class 50 Diesel Loco No. 50 018 "Resolution" Revised Network SouthEast.£131.95
2D-002-007D Class 50 Diesel Locomotive No. 50 018 "Resolution". DCC Fitted.....£158.95
2F-028-015 45ft Hi Cube Container Twin Pack Russell 459644 6 & 459677 0.....£15.40
2F-028-016 45ft Hi Cube Container Twin Pack Russell 459644 6 & 459677 0, weathered.£16.40
2L-001-006 GWR Junction Signal Left Hand with arms, shorter to the left.....£57.95

EFE RAIL N

E87500 JIA Nacco Wagon No. 33-70-0894-007-0 Imerys Blue.....£38.95
E87501 JIA Nacco Wagon No. 33-70-0894-008-8 Imerys Blue.....£38.95
E87502 JIA Nacco Wagon No. 33-70-0894-020-3 Imerys Blue.....£38.95
E87503 JIA Nacco Wagon No. 33-70-0894-000-5 Imerys Blue.....£38.95
E87504 JIA Nacco Wagon No. 33-70-0894-001-3 Imerys Blue, light weathering.....£40.95
E87505 JIA Nacco Wagon No. 33-70-0894-002-3 Imerys Blue, light weathering.....£40.95
E87506 JIA Nacco Wagon No. 33-70-0894-009-6 Imerys Blue, light weathering.....£40.95
E87507 JIA Nacco Wagon No. 33-70-0894-010-4 Imerys Blue, light weathering.....£40.95
E87508 JIA Nacco Wagon No. 33-70-0894-011-2 Imerys Blue, heavy weathering.....£42.95
E87509 JIA Nacco Wagon No. 33-70-0894-012-0 Imerys Blue, heavy weathering.....£42.95
E87510 JIA Nacco Wagon No. 33-70-0894-003-9 Imerys Blue, heavy weathering.....£42.95
E87511 JIA Nacco Wagon No. 33-70-0894-004-7 Imerys Blue, heavy weathering.....£42.95

GRAHAM FARISH SCENECRAFT N

42-002 Washing Plant.....£33.99
42-186 Great Central Water Tower.....£23.95
42-210 Low Relief Multi Storey Car Park.....£46.99
42-216 Low Relief High Street Store.....£33.95
42-292 Single Tunnel Portal.....£19.95
42-556 Storm Haven Tent.....£18.99
42-561 Wooden Post Yard Lamps x 2.....£19.95
42-0004 Coal Staithes - Stone.....£17.95

KMRC EXCLUSIVE / N GAUGE



2D-002-KM1 Dapol Class 50 GBRf Twin Pack Defiance & Hercules.....£249.99



2D-002-KM1D Dapol Class 50 GBRf Twin Pack Defiance & Hercules. DCC Fitted.£299.99

LATEST ARRIVALS / O GAUGE

DAPOL O

7L-001-006 Junction Signal GWR Left Hand with two arms, shorter post to left.....£89.95

HELJAN O



5600 Class 56 Diesel Locomotive BR Blue, unnumbered.....£594.95
5601 Class 56 Diesel Locomotive BR Large Logo Blue, unnumbered.....£594.95



5602 Class 56 Diesel Locomotive Railfreight Large Logo Grey, unnumbered.....£594.95
5603 Class 56 Diesel Locomotive Railfreight 'Red Stripe' Grey, unnumbered.....£594.95
5604 Class 56 Diesel Locomotive Railfreight Three-Tone Grey, unbranded.....£594.95
5605 Class 56 Diesel 56 101 "Mutual Improvement" Railfreight Coal Sector, wthrd...£619.95
5606 Class 56 Diesel Loco No. 56 110 "Croft" Railfreight Construction Sector.....£594.95



5607 Class 56 Diesel Locomotive Loadhaul, unnumbered.....£594.95
5608 Class 56 Diesel Locomotive No. 56 099 BR Blue with large logo.....£594.95
5609 Class 56 Diesel Locomotive No. 56 071 BR Blue.....£594.95

BACHMANN SCENECRAFT O

47-055 Site Office.....£55.95
47-0064 Parachute Water Tower.....£67.99

FREE POSTAGE ON ORDERS OVER £250* // ORDER SENT SAME WORKING DAY // LOYALTY POINTS RECEIVED ON ALL PURCHASES WITH US**

We offer a DECODER FITTING SERVICE for OO & N Gauge DCC Ready Locomotives, provided that the model is being purchased from KMRC. Please phone or email us for a quote.

Sign up to our newsletter & join our loyalty scheme at www.kernowmodelrailcentre.com • Kernow Model Rail Centre • @kernowmodelrail • *at time of despatch **subject to stock levels

BARGAIN CLEARANCE

VISIT OUR WEBSITE FOR EVEN MORE BARGAINS

OO GAUGE

BACHMANN

30-425 Bachmann Midland Pullman Train Pack.....**£525.00**



31-390 Class 414 2-HAP EMU Set No. 6061 BR Green.....**£179.99**
31-426C Class 411 4-CEP 4 Car EMU No. 7122 BR SR Green.....**£349.99**



31-921A LB&SCR H2 Atlantic Steam No. 32425 "Trevose Head" BR Lined Black.**£159.99**
31-921A LB&SCR H2 Atlantic Steam No. 32425 "Trevose Head". DCC Sound.**£229.95**



35-126 Class 20/3 Diesel Locomotive No. 20 311 Harry Needle Railroad Company.**£124.99**
35-126SF Class 20/3 No. 20 311 Harry Needle Railroad Company. DCC Sound.....**£224.99**
37-114 7 Plank Fixed End Wagon Baldwin Bristol, weathered.....**£12.95**
38-125Y 35 Ton RTC Trib Train Van ZXR No. RDB 999900 BR Bauxite.....**£18.99**
39-153D BR Mk1 FK First Corridor Coach No. S13006 BR (SR) Green.....**£33.99**
39-177C BR Mk1 BG Full Brake Coach No. M80565 BR Crimson & Cream.....**£27.95**
39-186 BR Mk1 BG Full Brake Coach QRX ADB 975612 Departmental Olive Green, wthrd.**£27.99**
39-265 BR Mk1 RMB Miniature Buffet Car No. M1865 NSE.....**£28.99**

HORNBY

R1223 Freightmaster Train Set.....**£64.99**



R30024 Class 66 Diesel Loco 66 623 "Bill Bolsover" Freightliner Bardon Aggregates.**£59.99**



R3544 Holden B12 Steam Locomotive No. 8527 LNER Green.....**£104.99**
R3568 Class 71 Electric Locomotive No. E5018 BR Green.....**£99.99**



R3569 Class 71 Electric Locomotive No. E5005 BR Blue.....**£99.99**



R3751 Class 87 Bo-Bo Electric Loco 87 002 "Royal Sovereign" Caledonian Sleeper.**£129.99**



R3917 Class 31 A1A-A1A Diesel Locomotive No. D5627 BR Green.....**£149.99**



R3995 Clan Std 6MT 4-6-2 Steam No. 72004 "Clan MacDonald" BR Green.....**£159.99**
R4131C 68ft Dining/Restaurant Car No. M232M BR Maroon.....**£27.99**
R4519B 51ft Gresley Non-Vestibuled Suburban First Coach E81032E BR Maroon.....**£28.99**
R4521C 51ft Gresley Non-Vestibuled Suburban Composite Coach E88067E BR Maroon.**£28.99**
R4626 Railroad MK1 BG Parcels Coach No. W80724 BR Chocolate & Cream.....**£19.99**
R4681A GWR Collett Bow Ended Corridor Brake Third Coach L/H No. 4942.....**£27.99**
R4689 LMS Non-Corridor 57ft Composite Coach No. M16574.....**£27.99**
R4689A LMS Non-Corridor 57ft Composite Coach No. M16587M BR Maroon.....**£27.99**
R4690 LMS Non-Corridor 57ft Third Class Coach No. M11912M.....**£27.99**
R4690A LMS Non-Corridor 57ft Third Class Coach No. M11886M BR Maroon.....**£27.99**
R4737 Maunsell 6 Compartment Third Class Brake Coach 3798 SR Malachite Green.**£27.99**
R4765 Collett Corridor Brake Third Class Coach LH No. W4936W BR Maroon.....**£29.99**
R4767 Collett Corridor Composite Coach RH No. W6137W BR Maroon.....**£29.99**
R4799 LMS Surburban Non-Corridor Composite No. M16635 BR Crimson.....**£29.99**
R4801A LMS Surburban Non-Corridor Third Brake Coach M2073M BR Crimson.....**£29.99**
R4807 BR Mk2D Coach Open First FO No. E3180 BR Blue & Grey.....**£23.99**
R4808 BR Mk2D Coach Open Brake Second BSO No. E9481 BR Blue & Grey.....**£23.99**
R4811 BR Mk2E Coach Open Brake Second BS0 No. 9502 Intercity.....**£23.99**
R4838 Maunsell Corridor 6 Compartment Brake 2nd Coach S2764S BR SR Green...**£27.99**
R4858A Mk3 Standard Open SO Coach No. 12045 Virgin Trains.....**£29.99**
R4858B Mk3 Standard Open SO Coach No. 12087 Virgin Trains.....**£29.99**
R4874 GWR Collett 57ft Bow Ended No. E131 Nine Compartment Composite L/H 6360.**£27.99**
R4879A GWR Collett 57ft Bow Ended No. E131 9 Compartment Composite Coach RH.**£27.99**



R4897 IEP Bi-Mode Class 800/0 Test Train Coach Pack, Set 800 002.....**£129.99**
R4938A Mk3 Sliding Door TGS Coach No. 44052 Cross Country Trains.....**£19.99**
R4940C Mk3 Sliding Door TS Coach No. 42370 Cross Country Trains.....**£19.99**
R6913A SR 24T Diag. 1543 Goods Brake Van No. 55009.....**£18.99**
R6915A SR 24T Diag. 1543 Goods Brake Van No. S55032.....**£18.99**
R6921 GWR AA15 20 Ton Toad Goods Brake Van No. 56705.....**£14.99**
R6923 LNER Dia.064 Toad E Brake Van No. 162007 LNER Brown.....**£19.99**

BARGAIN BUNDLES

31-676APACK Bachmann Class 85 Electric Loco E3057 + 37-238Z Triple Pack.....**£179.99**
K9948 Bachmann Class 47 4-TC Train Pack.....**£299.99**
K9951 Bachmann St Blazey Peak Wagon Pack.....**£159.95**
K9954 Corgi Eddie Stobart Pack.....**£19.99**
K9959 Bachmann Class 47 TPO Pack.....**£199.99**
K9965A The Sapper Cargowaggon Pack.....**£149.99**
K9998A Bachmann Scenecraft China Clay Dries Pack with FREE Landrover.....**£99.99**



SB005Z SPA Open Wagon EWS. Pack of 4.....**£79.99**

N GAUGE

BARGAIN BUNDLES

K9953 Revolution Stobart Class 92 Bargain Pack.....**£239.99**



K9983C Graham Farish Clay Wagon Bargain Pack.....**£49.99**

BACHMANN



19656 ACF 50ft 6in Outside Braced Sliding Door Box Car Burlington Northern.....**£14.99**
19658 ACF 50ft 6in Outside Braced Sliding Door Box Car Norfolk Southern.....**£14.99**

DAPOL



2D-022-003 Class 68 Diesel Locomotive No. 68 010 Chiltern.....**£124.95**

GRAHAM FARISH

374-135 BR Mk1 GUV QRV No. KDB977557 Satlink.....**£39.95**



374-167 BR Mk1 FK First Corridor Coach No. 13225 Regional Railways.....**£26.99**
374-192 BR Mk1 BSK Brake Second Corridor Coach No. M35451 Intercity.....**£20.99**
374-830C Stanier Brake Corridor First Coach No. 5057 LMS Crimson Lake.....**20.95**
374-831C Stanier Brake Corridor First Coach M5056M BR Crimson & Cream.....**£20.95**



374-875 LMS 50ft Inspection Saloon No. 45028 LMS Lined Crimson Lake.....**£25.95**
377-062 5 Plank Wagon No. 132701 NE Grey with Load.....**£12.99**
377-954A 13 Ton High Sided Steel Wagon No. 278985 NE Grey.....**£12.99**
379-517 Harrington Cavalier Southdown.....**£5.95**

---> Visit our website for our large range of in stock buses <---

GRAHAM FARISH SCENECRAFT

42-090 Sheffield Park Waiting Room.....**£30.95**
42-093 Sheffield Park Footbridge.....**£30.95**
42-180 Traders Store.....**£14.95**
42-198 Power Station Chimney.....**£21.95**
42-236 Low Relief Railway Hotel.....**£12.95**
42-238 Low Relief Goods Loading Canopy.....**£21.95**
42-290 Low Relief Modular Mill Entrance.....**£6.95**
42-298 Low Relief Boiler House.....**£19.99**
42-299 Low Relief Turbine Hall.....**£37.95**

O GAUGE

HELJAN

4301 43xx GWR Mogul Steam Locomotive No. 5355 GWR Green.....**£499.99**

BACHMANN

47-539 Platform Tractor Units. Pack of 2.....**£9.95**
47-567 Coolant Trolley. Pack of 4.....**£6.95**

HORNBY

R3816 2710 CR No. 1 Centenary Year Limited Edition - 1920.....**£499.99**
R3816 2710 CR No. 1 Centenary Year Limited Edition - 1920.....**£499.99**
R3817 2710 GN No. 1 Centenary Year Limited Edition - 1920.....**£499.99**

FOR OUR FULL RANGE PLEASE VISIT WWW.KERNOWMODELRAILCENTRE.COM // PRICES CORRECT AT TIME OF PRINT BUT ARE SUBJECT TO CHANGE

CALL OUR TEAM ON **01209 714099** • PLEASE SEND MAIL ORDERS TO **98A TRELOWARREN STREET, CAMBORNE, CORNWALL, TR14 8AN**

TMC
The MODEL CENTRE

TMC WEATHERED PRODUCTS READY FOR IMMEDIATE DISPATCH - OO Unless Stated Otherwise

Take a closer look on our website where you will find larger images and more product information!



ACC2646NAC1 Accurascale Cutdown HYA Hand-Drawn Airbrushed Graffiti/ Deluxe Weathering by TMC (G8)

£224.95 Regular Price £274.96



32-254A Bachmann WD Austerity 2-8-0 77003 LNER Black Tool Carrier Coal and Deluxe Weathering by TMC

£225.96 Regular Price £249.95



4D-006-012 Dapol OO Gauge Class 73 235 South West Trains Weathered by TMC

£178.60 Regular Price £209.95



31-920 Bachmann H2 Class Atlantic 2421 'South Foreland' SR Olive Green Real Coal Deluxe Weathering by TMC

£259.94 Regular Price £297.44



R3702 Hornby Peckett W4 Class 0-4-0ST Daphne Tytherington Stone Co (Era 2) with Deluxe Weathering by TMC

£159.76 Regular Price £172.49



HEL2731 Heljan OO Gauge Class 27 D5369 BR Green (Yellow End Panels) with Deluxe Weathering by TMC

£192.95 Regular Price £199.96



35-175 Bachmann OO Gauge ROD 2-8-0 1918 Railway Operating Division Black Real Coal & Deluxe Weathered by TMC

£226.96 Regular Price £252.43



4S-043-003 Dapol Mogul 7301 GWR Green (Smokebox Numberplate) Real Coal and Deluxe Weathering by TMC

£215.75 Regular Price £240.55



32-611 Bachmann OO Gauge Class 90 90037 BR Railfreight Distribution Sector Weathered by TMC

£198.46 Regular Price £237.44



E85012 EFE Rail LSWR Beattie Well Tank 3298 SR Green (Preserved) Real Coal and Weathered by TMC

£149.94 Regular Price £179.94



E85006 EFE Rail OO Gauge J94 Saddle Tank Army 92 Waggoner Army Green Real Coal and Weathered by TMC

£175.94 Regular Price £209.94



R3880 Hornby BR Class 31 A1A-A1A Floreat Salopia 31147 (Era 8) with Enhanced Deluxe Weathering by TMC

£299.99 Regular Price £343.00



Bachmann Class 40 Campania 216 BR Blue Nameplates Renamed/Renumbered and Deluxe Weathered by TMC

£266.50 Regular Price £294.95



R3745 Hornby Network Rail Class 31 A1A-A1A 31602 Driver Dave Green (Era 9) with Deluxe Weathering by TMC

£193.99 Regular Price £242.50



35-355 Bachmann Class 20/0 Disc Headcode 20057 BR Blue with Deluxe Faded Weathering by TMC

£227.99 Regular Price £254.95

www.themodelcentre.com t. 01947 899125

Hill Farm, Beck Hole, Whitby, YO22 5LF



32-620SF Bachmann OO Gauge Class 90 90048 Freightliner Grey Deluxe Weathered by TMC

£329.99 Regular Price £394.96



31-717 Bachmann LNER B1 1264 LNER Lined Green (Revised) Real Coal Deluxe Weathering by TMC

£227.95 Regular Price £254.94



R3989 Hornby LNER, A1 Class, 2564 'Knight of Thistle' flickering firebox Real Coal & Weathered by TMC

£274.99 Regular Price £317.99



35-418 Bachmann Cl 47/0 47004 Deluxe Weathering by TMC

DCC Sound **£343.99**
Analogue **£266.50**



35-411 Bachmann Class 47/0 47012 BR Blue Weathered by TMC

DCC Sound **£343.99**
Analogue **£248.99**



35-357SF Bachmann Class 20/0 20227 BR Railfreight Red Stripe DCC Sound Deluxe Weathered

£298.00 Regular Price £339.95



4D-006-014 Dapol OO Gauge Class 73 E6002 BR Green No Yellow Panel Weathered by TMC

£168.60 Regular Price £191.30



32-441SF Bachmann Class 24/1 D5149 BR Green (SYP)(DCC Sound) Deluxe Weathering by TMC

£299.99 Regular Price £344.94



35-176 Bachmann OO Gauge ROD 2-8-0 2406 LNWR Black Real Coal & Weathered by TMC

£199.99 Regular Price £249.95



35-351 Bachmann Class 20/0 D8015 (Disc Headcode) BR Green L/Crest with Deluxe Weathering by TMC

£217.99 Regular Price £244.96



35-355SF Bachmann Class 20/0 (Disc Headcode) 20057 (DCC Sound) with Deluxe Weathering by TMC

£292.99 Regular Price £334.96



31-443 Bachmann LMS Ivatt 2MT Tank 41227 BR Lined Black Real Coal Deluxe Weathering by TMC

£215.21 Regular Price £239.94



371-061A Graham Farish N Gauge Class 03 D2028 BR Green (Wasp Stripes) Weathered by TMC

£150.49 Regular Price £169.96



371-062A Graham Farish N Gauge Class 03 03026 BR Blue Weathered by TMC

£150.49 Regular Price £169.96



371-051D Graham Farish N Gauge Class 04 D2289 BR Blue Weathered by TMC

£150.49 Regular Price £169.96



371-052A Graham Farish N Gauge Class 04 11219 BR Black E/Emb Weathered by TMC

£150.49 Regular Price £169.96



371-055 Graham Farish N Gauge Class 04 D2225 BR Green L/Crest Weathered by TMC

£150.49 Regular Price £169.96

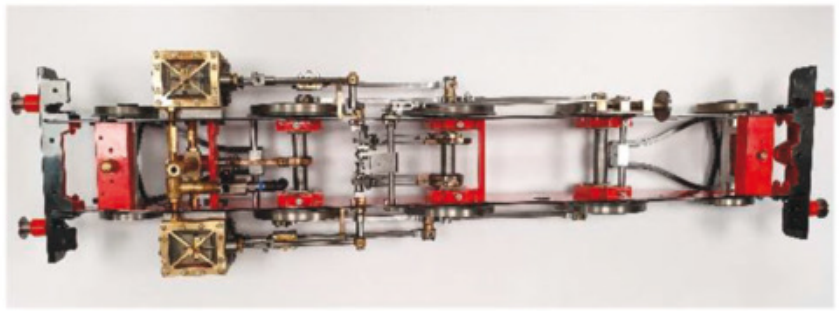


373-812 Farish N Gauge HKA Bogie Hopper Deluxe Weathered and Graffiti by TMC (Design#6)

£127.49 Regular Price £134.95

POLLY MODEL ENGINEERING LIMITED

Find us on







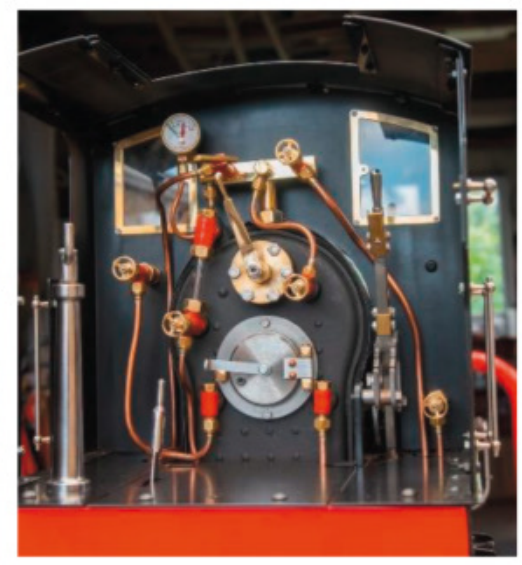
Build your own 5” gauge coal fired ‘POLLY Loco’

Buy with confidence from an

Established British Manufacturer











Supplied fully machined, assembly requires hand tools only – no riveting, soldering or other complex processes. Kit includes **British** made boiler UKCA & CE stamped and accepted under Australian AMBSC regulations.

Model is supplied as a succession of kit modules. Spare parts easily available.

12 models to choose from, tank engines, tender engines, standard gauge/narrow gauge – something for everyone! Prices from £5999 including VAT and UK carriage. Build & cost is spread over 12 months.

Catalogue £3.00 UK £8 international posted (or download for free!) and enquire for further details or visit our website where you will find other Polly Locos, Kits, drawings and castings for scale models and comprehensive ME Supplies.

Polly Model Engineering Limited
Atlas Mills, Birchwood Avenue,
Long Eaton, Nottingham,
NG10 3ND, United Kingdom

www.pollymodelengineering.co.uk
Tel: +44 115 9736700

email:sales@pollymodelengineering.co.uk

Everything You Need For Your Digital Railway

DIGITRAINS

Just starting out in DCC and not sure what's available?
Grown out of your system and thinking of upgrading?
Getting into sound and want to know the best decoders?

DIGITAL COMMAND CONTROL (DCC) is one of the fastest growing areas of the model railway hobby.

As the first new company to set up as a DCC specialist in the UK. DIGITRAINS now has over 16 years experience to share.

Working in all the popular scales, we are here to guide you through choosing the best equipment.

We stock a wide range of products as well as offering free advice, a decoder installation service, a huge range of sound files and the best DCC 'test drive' facility around.

Don't leave that major purchase to chance!

Why not visit our shop? Our comprehensive library of loco sounds can be demonstrated.

- **Try before you buy**
- **Expert advice**
- **Great service**
- **Experience**
- **Major brands**
- **Worldwide mailing**



We stock 1,000s of products from more than 30 leading manufacturers. And don't worry if you're not digital. We're also a traditional model shop, holding all the major ready-to-run lines



/digitrains @digitrainsltd digitrainsltd

15 Clifton Street, Lincoln LN5 8LQ

01522 527731

www.digitrains.co.uk

enquiries@digitrains.co.uk

DISCOUNT 'O' GAUGE

TOWER BRASS LOCOMOTIVES
R.T.R in unpainted brass/factory painted

GWR/BR Railcar 19-33.....£550.00
GWR/BR Parcels Railcar No.34.....£550.00
GWR 1361 Early black chassis.....£525.00
GWR/BR 1361 Late black chassis.....£525.00
LY/LMS/BR Pug black.....£450.00
LNER/BR J39 0-6-0 black.....£815.00
GWR/BR 8750 Pannier black chassis . £525.00

FULLY FINISHED R-T-R LOCOS
L&Y/LMS/BR Pug 0-4-0T .....from £525.00
GWR/BR 1361 0-6-0ST.....from £695.00
GWR/BR 8750 Pannier tank .....from £695.00
GWR/BR Razor Edge railcar.....£835.00
GWR/BR Parcels railcar.....£810.00
LNER/BR J39 0-6-0.....£950.00
LMS/BR Original Patriot.....£1650.00
Over 100 R-T-R locos available off the shelf

GLADIATOR LOCO KITS
GL1 LNER/BR D10/11 4-4-0 .....£355.00
GL14 LNER / BR Q4 TINY 0-8-0 .....£360.00
GL16 LNER / BR Q1/1 0-8-0 TANK £330.00
GL20 LMS/BR PRINCESS £480.00
GL21 LMS/BR ROYAL SCOT £420.00
GL23 LMS/BR BRITISH LEGION £420.00
GL24 LMS/BR ORIGINAL PATRIOT £420.00
GL28 LMS/BR 2P 4-4-0 .....£335.00
GL36 LBSC/SR/BR H2 ATLANTIC £430.00
GL44 LNWR/LMS /BR COAL TANK 0-6-2 ..£285.00
GL50 LNER/BR 2-8-8-2 GARRATT £675.00
GL57 LNER / BR L1 2-6-4 .....£330.00
GL58 LNER / BR B1 4-6-0 .....£400.00
GL59 LNER / BR K1 2-6-0 .....£385.00
GTR62 SR/BR Urie King Arthur..... .....£480.00
GL70 SR / BR SCHOOLS 4-4-0 .....£430.00
FT9 NER/LNER/BR G6/BTP 0-4-4T..... .....£240.00

MERCIAN LOCO KITS
SG5 LNER/BR J94 Austerity 0-6-0ST ..£180.00
GW2 GWR/BR 14xx Autotank.....£175.00

TOWER COLLECTION (D.J.H) BEGINNERS KITS
Includes wheels, gears and motor

TC1 Class 02 0-4-0 Diesel Shunter..... £250.00
TC3 Andrew Barclay 0-4-0 Steam Shunter£250.00

TOWER COLLECTION LOCO KITS
Require wheels, gears and motor

TC2 LMS streamlined Coronation.....£595.00
TC4 LMS/BR non streamlined Duchess...£595.00
TC5 LMS/BR de-streamlined Duchess £595.00
TC6 LMS/BR Sir William Stainer £595.00
TC7 LMS/BR Black Five 4-6-0.....£595.00
TC14 LMS/BR Stainer 8F 2-8-0.....£595.00

D.J.H LOCO KITS
K300 B.R Standard 84xx 2-6-2T.....£438.90
K301 B.R Standard 2MT 2-6-0 ..... £502.70
K302 LMS/B.R Ivatt 2-6-2T..... £438.90
K303 LMS/BR Fairburn 2-6-4 T £456.50
K310A LNER/BR A3 with Corridor tender..£721.60
K317B BR Britannia with BR1/1A tender..£721.60
K320 LMS / BR 2P/ 2F/ 2MT 2-6-0..... £502.70
K324B B.R 9F 2-10-0 BR1B/BR1C.....£721.60
K336 LNER/B.R Peppercorn A2 ..... £721.60
K338 LNER/B.R G5 0-4-0T..... £502.70
K340 B.R Class 14 complete kit..... £502.70
K344 NEW LNER/BR Hunt Class 4-4-0..£577.50
K345 NEW LNER/BR Thompson A2/1 ..£721.60
K346 NER / LNER D1 Class H1 4-4-4T...£495.00

PECO LINESIDE KITS
LK704 Wooden lineside hut kit.....£22.75
LK705 Brick lineside hut.....£22.75
LK709 Ground Level Signal Box.....£32.75
LK710 Signal Box Interior Kit.....£24.20
LK715 Brick Base Signal Box.....£45.15
LK735 GWR Yard Crane.....£24.50
LK741 GWR spear fencing.....£12.50
LK742 GWR spear fencing ramps.....£12.50
LK743 Field fencing and gates.....£11.35
LK747 Telegraph Poles (6).....£10.75
LK748 Ladders (4).....£8.55
LK749 Loading Gauges (2).....£14.15
LK750 Single track level crossing gates£23.00
LK758 Platelayers tools £7.35
LK759 Platform lamps (4) £9.95
LK760 Telephone boxes (2) £9.95
LK761 GWR Station seats (4) £9.50
LK762 MR/NER station seats (4) £9.50
LK763 SR/BR Station seats.....£9.50
LK764 Bicycles (8).....£9.50
LK765 Police Call Box £11.35
LK790 GWR home or distant signal.....£21.25

SLATERS BR WAGONS AND VANS KITS
7062 B.R 12ton Vanwide.....£40.00
7063 B.R Standard Van.....£40.00
7064 B.R 12ton Standard/Flat Van £40.00
7065 B.R Meat Van.....£40.00
7066 B.R. Insulated Van.....£38.00
7067 B.R 13 ton conflat 'A' £36.00
7069 B.R Lowfit Wagon £36.00
7070 B.R 12 ton Palvan £40.00
7071 B.R 13 ton High Goods Wagon.....£36.00
7033 LNER/BR 20T Brake Van £51.00
7053 LNER/BR 20T Brake Van £51.00
7C020 SECR/SR/BR 4 wheel PLV/GUV..£79.00
7C021P SR/BR Bogie Van £132.50
7C022 SR/BR 4 wheel BY.....£84.00

PECO WAGON KITS
W601 GWR Toad brake can.....£43.50
W602 GWR Permanent Way brake.....£43.50
W603 GWR 6 wheel brake.....£45.25
W604 GWR 4 plank open.....£36.50
W605 GWR Steel Open.....£36.50
W606 GWR 10 ton Van.....£44.75
W607 BR 16 ton Mineral wagon.....£45.25
W608 BR 27 ton Iron Ore wagon.....£44.75
W609 BR 20 ton Pig Iron wagon.....£44.75

PECO 'O' GAUGE TRACKWORK
SLE786BH Curved R/H Point.....£62.50
SLE787BH Curved L/H Point.....£62.50
SL700BH 12 yards flexitrack.....£91.25
SLE791BH Right Hand Point.....£49.75
SLE792BH Left Hand Point.....£49.75
SLE797BH Y Point.....£49.75
SLE790BH Double Slip.....£104.75
SLE794BH Long Crossing.....£56.50
SL10 24 metal railjoiners.....£3.25
SL11 12 insulated railjoiners.....£3.15
SL740BH Buffer stop.....£3.20
TP1 Long Track pins (15mm).....£3.25
ST700 Box (6) 393mm straight.....£51.25
ST725 Half circle 1028mm radius curves£55.00
STU750BH R/H Setrack Point.....£47.50
STU751BH L/H Setrack Point.....£47.50
PL33 Microswitch.....£6.40
PL19 Microswitch Housing (2).....£5.20
PL80 Power Feed.....£8.00

PARKSIDE WAGON KITS
PS14 BR Grampus Ballast wagon.....£35.00
PS15 BR 21 Ton Mineral wagon.....£35.00
PS16 LNER Loco Coal wagon..... £35.00
PS17 BR 12 ton Pipe wagon..... £35.00
PS23 GWR/BR 13 ton open wagon..... £35.00
PS24 GWR/BR 12 ton unfitted van..... £35.00
PS25 BR 24.5 ton mineral wagon..... £35.00
PS26 GWR/BR 12 ton fitted van..... £35.00
PS27 GWR/BR 12 ton open with tarp bar. £35.00
PS28 GWR/BR 12 ton plywood van..... £35.00
PS29 GWR/BR Fruit van..... £35.00
PS30 BR 16 ton mineral wagon..... £35.00
PS31 BR 16 ton slope sided mineral..... £35.00
PS32 BR 16 ton mineral (ex SNCF)..... £35.00
PS33 BR 8 Plank wooden mineral..... £35.00
PS42 LMS/BR 12 ton open wagon..... £35.00
PS45 LNER/BR 12 ton goods van..... £35.00
PS46 LNER/BR 12 ton fruit van..... £35.00
PS49 GWR/BR Mica van..... £35.00
PS100 SR/BR Banana van..... £35.00
PS101 SR/BR Meat van..... £35.00
PS104 BR 21 ton coal hopper..... £35.00
PS106 SR/BR Cattle truck..... £35.00
PS112 GWR/BR Gunpowder van..... £35.00
PS114 LMS/BR Banana van..... £35.00
PS115 LNER/BR Brake Van..... £42.00

BACHMANN SCENECRAFT BUILDINGS
47040 Diesel Refuelling Point £39.95
47047 Hampton Hill Platelayers Hut.....£19.95
47203 Low Relief Corner Shop £19.95
47009 Single Engine Shed ..Special offer £60.00
47-541 Walls & Gates..... £25.45
47-558 Corrugated Shed.....£16.95
47-572 Midland Water Crane..... £25.45
47-002 Washing Plant £84.95
47-0054 Mess Room..... £59.50

NEW DAPOL B.R MARK 1 COACHES
Available as CK, SO, SK and BSK in crimson & cream, S.R green, blue & grey, chocolate & cream and maroon, numbered or un-numbered
Basic RRP £205.97 OUR PRICE £175.07
DCC fitted RRP £242.19 OUR PRICE £205.86
NOW AVAILABLE

DAPOL (EX LIONHEART) 45XX PRAIRIE
Superb quality fully finished with diecast body and excellent detail. Choice of six liveries, numbered and un-numbered.
RRP £512.33 OUR PRICE £435.48
Sound fitted RRP £672.75 OUR PRICE £572.74
Available Autumn 2022 Reserve yours now

DAPOL CLASS 121
Choice of 5 liveries
List Price £309.47 OUR PRICE £263.05
DCC Sound List Price £516.47 OUR PRICE £439.00
NOW AVAILABLE

DAPOL CLASS 122
Choice of 5 liveries
List Price £309.47 OUR PRICE £263.05
DCC Sound List Price £516.47 OUR PRICE £439.00
LAST FEW

LIONHEART SUBURBAN COACHES
Fully finished superb quality with interior details and lights.
2 car 'B' set G.W.R or B.R 6 types
RRP £470.50 OUR PRICE £399.99
4 car D set G.W.R or B.R 4 types
RRP £823.50 OUR PRICE £699.99

NEW DAPOL SENTINEL Y1/Y3
LNER, LMS, GWR, B.R or N.C.B
Basic RRP £181.13 OUR PRICE £153.96
DCC fitted RRP £212.18 OUR PRICE £180.35
Sound fitted RRP 362.25 OUR PRICE £307.97
NOW AVAILABLE

DAPOL (EX LIONHEART) PANNIERS
64XX and 74XX G.W.R or B.R
List Price £399.00 OUR PRICE £340.00
Sound Fitted **RRP £550.00 OUR PRICE £467.50**

NEW DAPOL 57XX/8750 PANNIERS
57xx in BR Livery
8750 in GWR & BR Liveries
with riveted tank option
Basic Version **RRP £243.23 OUR PRICE £206.75**
DCC Fitted **RRP£274.28 OUR PRICE £233.14**
NOW AVAILABLE

NEW DAPOL 10 FOOT W.B WAGONS
B.R Open Wagons (various)
RRP £46.95 OUR PRICE £39.95
B.R VEA, VBA, MEAT, INSULATED AND STANDARD VANS (12 TYPES)
RRP £51.70 OUR PRICE £43.95

DAPOL HBA & HEA COALWAGONS
8 LIVERIES AVAILABLE
RRP £55.00 OUR PRICE £46.75
TOWER MODELS SET OF SIX RAIL FREIGHT RED GRAY
RRP £330.00 OUR PRICE £275.00
AVAILABLE SPRING 2022

NEW DAPOL 20 TON BRAKE VANS
7 liveries available
RRP £84.00 OUR PRICE £71.40
AVAILABLE SPRING 2022

TOWER MODELS LIMITED EDITION DAPOL WAGON SETS
Set of 6 Esso or Shell BP Tankers
RRP £324.48 OUR PRICE £275.00
Set Of Six Planked & Plywood Vans
RRP £299.70 OUR PRICE £255.00
NOW AVAILABLE

DAPOL HAA COALWAGONS
VARIOUS LIVERIES AVAILABLE
RRP £59.95 OUR PRICE £50.95
TOWER MODELS EXCLUSIVE COAL SECTOR YELLOW FRAME
RRP £59.95 OUR PRICE £50.95
AVAILABLE SUMMER 2022

NEW DAPOL VANWIDE/VEA'S
RRP £58.59 OUR PRICE £49.80
TOWER MODELS LIMITED EDITION SETS OF SIX £295.00

DAPOL BOGIE BOLSTER E
6 LIVERIES AVAILABLE
RRP £72.40 OUR PRICE £61.54
NOW AVAILABLE

DAPOL TTA TANKERS
2 body types, 11 liveries
RRP £85.00 OUR PRICE £72.25
4 Tower Limited Edition Sets (3)
RRP £255.00 OUR PRICE £216.75
DUE LATE 2022

NEW DAPOL MOTORISED SIGNALS
GWR & LMS Home 4 versions
List Price £58.00
OUR PRICE £49.30

NEW DAPOL CONFLATS
6 VERSIONS WITH LOAD **£57.14**
4 VERSIONS WITHOUT LOAD **£39.54**
4 DIFFERENT TOWER MODELS
LTD EDITION SETS OF 3 B**R £170.00**
NOW AVAILABLE

TOWER MODELS
LIMITED EDITION ICI WAGONS
1950's:
Red Salt Van (9 types) £42.50 each
NOW AVAILABLE
1960's:
Blue Salt Vans (4 types) £42.50
5 plank Lime (5 types) £40.00
5 plank Alkalid (5 types) £40.00
NOW AVAILABLE
16 ton minerals
SODA ASH Livery(3 numbers) £41.50
NOW AVAILABLE

NEW DAPOL AUSTERITY J94
TEN LIVERIES BEING PRODUCED
BASIC RRP £250.00 OUR PRICE £212.50
DCC FITTED RRP £285.00
OUR PRICE £242.25
SOUND FITTED RRP £380.00 OUR PRICE £323.00
AVAILABLE SPRING 2023
ADVANCE ORDERS WELCOME

NEW DAPOL GWR / LMS / BR VANS
3 LIVERIES LMS STD 12T VAN
5 LIVERIES GWR STD 12T VAN
2 LIVERIES GWR FRUIT A
RRP £51.40 OUR PRICE £43.69
AVAILABLE WINTER 2022

NEW HELJAN CLASS 117
2 Car and 3 Car D.M.U
Available in a range of liveries from Cats Whiskers to N.S.E
Available October 2022
Reserve yours now

NEW HELJAN CLASS 26 & 27
VARIOUS LIVERIES
RRP £599.00 OUR PRICE £509.15
AVAILABLE SECOND HALF 2022

NEW HELJAN 61XX PRAIRIE TANK
HJ6103 6111 B.R. unlined green
HJ6120 un-numbered Great Western
HJ6121 un-numbered B.R. unlined black
HJ6122 un-numbered B.R. unlined green
HJ6123 un-numbered B.R. lined green
NOW AVAILABLE
See our website for full details

HELJAN CATFISH & DOGFISH
Catfish 9 Liveries
Dogfish 10 Liveries
RRP £109.00 OUR PRICE £97.50
AVAILABLE MID / LATE 2022

NEW HELJAN Mk2 / 2a COACHES
T.S.O. / F.K. / B.S.O. / B.F.K.
RRP £279.00 OUR PRICE £237.25
DUE FOR RELEASE LATE 2022
ADVANCE ORDERS WELCOME

HELJAN CLASS 45
Original all green livery
RRP £699.00 OUR PRICE £550.00
LAST FEW

NEW HELJAN CLASS 03
5 liveries available
Both numbered and un-numbered
List Price £399.00 OUR PRICE £335.75
NOW AVAILABLE

NEW HELJAN CLASS 33
Early and Late Versions
RRP £549.00 OUR PRICE £466.65
9 Liveries IN STOCK

NEW HELJAN CLASS 31
Limited Re-run 4 liveries remaining
RRP £549.00 OUR PRICE £466.65
LAST FEW

HELJAN CLASS 31/1 & 31/4
Various liveries
RRP £549.00 OUR PRICE £466.65
NOW AVAILABLE

HELJAN CLASS 35 HYMEK
Limited Re-run Four liveries planned
RRP £495.00 OUR PRICE £420.75
NOW AVAILABLE

HELJAN CLASS 55
10 Liveries Available
RRP £699.00 OUR PRICE £594.15
AVAILABLE 2023

NEW HELJAN CLASS 47
2 Versions, 1960/70s & 1980/90s
Eleven liveries planned
RRP £699.00 OUR PRICE £594.15
LAST FEW AVAILABLE

HELJAN CLASS 56
Total of 8 liveries
RRP £699.00 OUR PRICE £594.15
NOW AVAILABLE

HELJAN CLASS 40
CENTRE HEADCODE 5 liveries
RRP £549.00 OUR PRICE £466.65
NOW AVAILABLE

NEW HELJAN CLASS 17
Four liveries Available
RRP £549.00 OUR PRICE £466.65
NOW AVAILABLE

HELJAN DIESEL DEPOT
Two Road Shed **RRP £89.00 OUR PRICE £75.00**
Extension Pack **RRP £39.00 OUR PRICE £35.25**
Spare Ends (3) **RRP £19.00 OUR PRICE £16.00**
See website for details and sizes

HELJAN AC RAILBUS CLEARANCE
Dark green with yellow panel
List Price £495.00
SPECIAL OFFER £299.95

NEW HELJAN CLASS 50
Selling fast, 3 liveries available
RRP £699.00 OUR PRICE £594.15
NOW AVAILABLEÍ

HELJAN MK1 COACHES
6 Body Types in various liveries
RRP £219.00 OUR PRICE £186.15
GUV various liveries
RRP £199.00 OUR PRICE £169.15
NOW AVAILABLE

HELJAN CLASS 42 WARSHIP
8 Liveries Available
RRP £699.00 our price £550.00

OUR WEBSITE CONTAINS 4,000 IMAGES AND IS UPDATED SEVERAL TIMES A WEEK

TOWER MODELS, 44 Cookson St., Blackpool FY1 3ED
Email: sales@tower-models.com
TEL: 01253 623797 or 623799

TELEPHONE CREDIT CARD ORDERS WELCOME. WORLDWIDE MAIL ORDER
Visit our well stocked shop, 200 yards from Talbot Rd. Bus Station (Blackpool North Railway Station 400 yards). Open Mon to Sat 9.30 to 5.00
Visit our website: www.tower-models.com

POSTAGE CHARGES
Orders up to £35.00 plus £2.50 p&p.
Orders £35.01 to £150.00 plus £6.00 p&p.
ORDERS OVER £150.00 POST FREE
Overseas orders postage charged at cost.

All prices include VAT @ 20%.
We reserve the right to alter prices without notice.

RAILTRAIL®

STEAM TOURS UPDATE

ACTION PACKED HERITAGE TRANSPORT HOLIDAYS IN THE UK

Experience a plethora of steam railways along with a taste of real ale on these great value short breaks to give you something to look forward to.

Staffordshire Steam, Rail & Ale

Fares From £529

DEPARTS: Thursday 7 July 2022

5 DAYS



Our very popular visit to Staffordshire with a slight twist to the usual to include the Military Trains event at Apedale which features Britain's premier collection of railway equipment from WW1, including locomotives of that era operating the trains and numerous re-enactors in attendance. The tour includes steam charters at Rudyard Lake and Amerton Railways plus, standard gauge steam at the Churnet Valley Railway (including the steeply graded line to Ipstones), riding the Foxfield Railway and a visit to the Crewe Heritage Centre. Add in a tour and tasting at the popular Titanic Brewery (Titanic Plum Porter, voted Best Real Ale of Britain) plus, an evening meal at a novel café and a pint at the renowned Yew Tree pub. Based at Travelodge Newcastle under Lyme. Another bargain get-away break.

Chiltern Hills Steam, Rail & Ale Trail

Fares From £649

DEPARTS: Thursday 21 July 2022

5 DAYS



Another popular favourite commencing with an evening social and light snacks at the Bekonscot Model Village. A steam charter at the Leighton Buzzard Railway, visit to Didcot Railway Centre, private steam charter at Cholsey & Wallingford Railway, and the rare model railway collection at Pendon Museum, plus a pint of real ale and meal at Fancott pub with its miniature railway. Add in the Chinnor & Princes Risborough Railway and a first time visit to Ruislip Lido Railway. All in all, a wonderfully enjoyable short break.

Lost Village of Imber & Steam

Fares From £599

DEPARTS: Thursday 18 August 2022

5 DAYS



Based at Jury's Inn at Swindon we commence with a private steam charter at the Coate Water Miniature Railway topped off with Corinthian Ales at Cirencester. This great tour is packed full of heritage railways and includes private charters at the Gartell Light Railway, along the former S&D trackbed, and a private charter, with light lunch, at the Somerset & Dorset Railway. We have steam at the Swindon & Cricklade Railway followed by a visit to the North Gloucestershire Narrow Gauge Railway and Gloucestershire & Warwickshire Railway. We also board a bus at a stop showing an 'Annual Bus Service' because we are off to see the remains of Imber village on the one day a year it's open to the public. Finally, before departing for home we also visit the Museum of Steam at Swindon.

North Norfolk Steam Gala & More

Fares From £559

DEPARTS: Friday 26 August 2022

5 DAYS



What a Bank Holiday weekend - starting with a private visit to the magnificent Barton House Miniature Railway, with sandwiches & tea. Headlining this tour is a full day at the North Norfolk Steam Railway Gala. But when you add in the Mid Norfolk Railway, the rarely visited standard gauge steam at the Whitwell & Reepham, the narrow-gauge Wells & Walsingham Railway not forgetting the Bure Valley Railway and the steam collection at Bressingham Gardens surely, it's without doubt a magnificent way to spend your Bank Holiday.

Mid Hants Gala & Isle of Wight Steam Adventure

Fares From £619

DEPARTS: Thursday 6 October 2022

5 DAYS



We commence with a steam charter at the 2' gauge Old Kiln Light Railway and dinner at The Hogsback Brewery. Our main event is a full day at the Mid Hants Steam Gala. We also enjoy a full day travelling by rail and traditional ferry to Ryde Pier then riding the new rolling stock to Smallbrook Junction for steam on the Isle of Wight Railway. We conclude this great tour with a private charter at the South Downs Light Railway and a visit to Amberley Museum.

Lancashire Steam & Heritage Transport

Fares From £579

DEPARTS: Thursday 13 October 2022

5 DAYS



Based at the Mercure Hotel Manchester Piccadilly, we commence with an afternoon visit to the Museum of Transport Greater Manchester followed by a social, with meal and real ale tasting, at the Seven Brothers Brewery Tap. A tram journey to Bury brings us a full day of steam at the East Lancs Steam Gala with its real ale bars – the Trackside at Bury and the station buffet at Rawtenstall. Whilst at the intermediate station at Ramsbottom we have a tour and tasting at the Irwell brewery. The weekend delights also include the St Helens Bus Museum, Lancashire Mining Museum plus, vintage bus travel to the West Lancashire Railway and the British Commercial Vehicle Museum at Leyland not forgetting a ride in the park on the vintage trams of Heaton Park, phew!

Kent & Sussex Autumn Steam Explorer

Fares From £669

DEPARTS: Thursday 13 October 2022

5 DAYS



Based at the Travelodge Maidstone this departure coincides with the Bluebell's 'Giants of Steam' event. This autumn version of our Easter tour also includes standard gauge steam on the Kent & East Sussex and Spa Valley lines, 15" gauge steam on the famous Romney Hythe & Dymchurch line and industrial steam at the oh so friendly 2' 6" gauge Sittingbourne & Kemsley Railway (We are hopeful of also including a visit to the extensive Bredgar & Wormshill Railway 2' line.)

Plus... Railtrail Tours in Europe

In addition to our programme of UK escorted rail holidays, of which a selection is shown here, we also operate steam tours to destinations outside of the UK including wonderfully unique steam tours to many amazing destinations in Switzerland & Germany *(including the Dresden Steam Festival)*. We also have a small number of places now available on our 17 Day 'Steam on 5 Gauges' in Australia tour departing 9th April 2023.

RAILTRAIL... Big on quality, small enough to care

Platinum Trusted Service Award
For consistently delivering excellence
★★★★★
2022 feefo

Save £10 per person on any tour!
Quote code MR010

www.railtrail.co.uk • 01538 382323

WINNER SMALL BRITISH TRAVEL AWARDS 2020 BEST RAIL HOLIDAY COMPANY

Ellis Clark TRAINS

Call Us!

01756 701 451



WANTED

INTERESTED IN SELLING ***YOUR*** COLLECTION?

WE TRAVEL & VIEW IN PERSON • FRIENDLY & PERSONAL APPROACH • SPECIALISTS IN *LARGE* COLLECTIONS

For over a decade, we have been purchasing model railways, die-cast & railwayana, including some of the largest single-owner collections the market has seen.

We usually operate by viewing & offering on collections in person, most often without the need for a list, however we are happy to make offers from lists.

I, Ellis, work on the basis of a friendly, professional & down-to-earth approach, purchasing all scales & eras, alongside Continental & American, with a specialised knowledge of 7mm finescale O gauge.

Please feel free to give us a call to discuss your needs

And in case you were wondering...
Albert is the dog.

CONTACT ELLIS... OR ALBERT



Get in touch!

ellisclarktrains.com

ellis@ellisclarktrains.com | 01756 701 451 | Unit 2, Toller Court, Shortbank Road, Skipton, BD23 2HG

GAUGEMASTER
Analogue Control

Choose your controller for life with the Gaugemaster Lifetime Guarantee...

We have been producing Model Railway Controllers for over forty years. Our analogue controllers have stood the test of time, and so has our **lifetime guarantee**:

"We undertake to replace, free of charge, any parts found defective within the lifetime of the unit providing that the item has not been tampered with."

What's the difference between the controller types?

Our **Mains Powered Cased Controllers** come complete with transformer, and can just be plugged in, connected to the track, and away you go. **Panel Mounted Controllers** require a separate transformer, and also need to be mounted onto a control panel to be used effectively.

We also produce various controllers with **Feedback** and **Simulation**, two effects controlled by the controller itself. **Feedback** senses the load on the circuit and helps maintain the locomotive at a steady speed up and down gradients. **Feedback** controllers are not suitable for use with locomotives with coreless motors. **Simulation** (also known as Inertia) allows a train to accelerate, coast, and be braked to a standstill, by use of a regulator and a brake.

MAINS POWERED CASED CONTROLLERS

GMC-COMBI Single Track Controller/Transformer
Most Suited for HO/OO/N Scale Layouts



Fantastic for small layouts or beginners upgrading a starter set, the Combi has both a 12V DC output to run one track, and a 16V AC output for accessories.

BEST FOR Beginners

GMC-D Twin Track Controller
Most Suited to HO/OO/N Scale Layouts



Our best selling controller. Runs a two track railway with minimum of fuss. The D Controller has two 12V DC track outputs, as well as a 16V AC output for accessories.

BEST FOR Twin Tracks

GMC-Q Four Track Controller
Most Suited to OO/HO/N Scale Layouts



The best selling four track controller available today. It offers impressive value for money with its four 12V DC track outputs, and two of 16V AC and 12V DC outputs for accessories.

BEST FOR Four Tracks

PANEL MOUNTED CONTROLLERS

GMC-100 Single Track Panel Controller
Most Suited to OO/HO/N/Z Scale Layouts



Some modellers may wish to incorporate their controller into an overall panel to control their layout. The Model 100 Controller has a single 12V DC output.

BEST FOR Control Panels

GMC-U Single Track Controller with Simulation
Most Suited to OO/HO/N/Z Scale Layouts



With the brake knob controlling the 12V DC track output, this controller allows you greater realismwhen running locomotives.

BEST FOR Realistic Running

GMC-W Single Track Walkabout Single Track Controller
Most Suited to OO/HO/N/Z Scale Layouts



Fitted with 1.5m of cable, this controller allows you the freedom to move around your layout while still controlling your layout. it has a single 12V DC track output.

BEST FOR Flexibility

Did you know...

*If you don't have a handy accessory output from a controller, the **GMC-WM1** Wall Mounted Transformer can be used on its own to power accessories, such as point motors and lights from the 16V output.*
Just plug it in and connect it up!



GMC-WM1
Wall Mounted Transformer
16V or 12V DC 1.1a

Find us on Facebook:
@Gaugemaster
Follow us on Twitter:
@Gaugemaster
Follow us on Instagram:
@gaugemaster_controls

PRICES

Cased Controllers

GMC-COMBI	Single Track Controller/Transformer	£50.00
GMC-100M	Single Track Controller	£125.00
GMC-100MO	Single Track Controller for O Scale	£135.00
GMC-10LGB	Single Track Controller for G Scale	£140.00
GMC-10LGB5F	Single Track Controller for G Scale with Fan	£235.00
GMC-P	Single Track Controller with Simulation	£140.00
GMC-D	Twin Track Controller	£140.00
GMC-DS	Twin Track Controller with Simulation	£220.00
GMC-TS	Three Track Controller with Simulation	£240.00
GMC-Q	Four Track Controller	£250.00

Panel Mounted Controllers (Orange text shows transformer required)

GMC-100	Single Track Controller (GMC-T1/M1)	£50.00
GMC-100.O	Single Track Controller for O Scale (GMC-T2/M2)	£55.00
GMC-U	Single Track Controller with Simulation (GMC-T1/M1/WM1)	£60.00
GMC-UF	Single Track Controller with Feedback (GMC-T1/M1/WM1)	£55.00
GMC-UO	Single Track Controller with Simulation for O (GMC-T2/M2)	£80.00
GMC-UD	Twin Track Controller (GMC-T1/M1/WM1)	£70.00
GMC-UDS	Twin Track Controller with Simulation (GMC-T1/M1/WM1)	£100.00
GMC-UQ	Four Track Controller (GMC-T1/M1/WM1)	£110.00

See the **GM365** Gaugemaster Catalogue (£5.00) for more details

Walkabout and Hand Held Controllers
(All GMC-T1/M1/WM1)

GMC-W	Single Track Walkabout Controller	£45.00
GMC-HH	Single Track Handheld Controller with Feedback	£50.00

Transformers

GMC-M1	Cased Transformer 16V AC	£65.00
GMC-M2	Cased Transformer 18V AC 2.5V	£65.00
GMC-M3	Cased Transformer 24V AC	£65.00
GMC-M4	Cased Transformer 12V AC	£65.00
GMC-T1	Open Transformer 2x 16V AC 1a	£35.00
GMC-T2	Open Transformer 18V AC 2.5a	£35.00
GMC-T3	Open Transformer 24V AC	£35.00
GMC-T4	Open Transformer 2x 12V AC 1a	£35.00
GMC-WM1	Wall Mounted Transformer 16V or 12V DC 1.1a	£25.00
GMC-WM2	Wall Mounted Transformer 9v DC (1600mA) 1.6A	£25.00
GMC-WM3	Wall Mounted Transformer Kato Unitrack UK Power Supply	£25.00
GMC-WM4	Wall Mounted Transformer 12v DC Smoothed for Lighting	£25.00
GMTFK1	Transformer Fitting Kit for T1/T3/T4	£15.75
GMTFK2	Transformer Fitting Kit for T2	£15.75

GAUGEMASTER products are available from your local model shop or, in case of difficulty, direct from ourselves
GAUGEMASTER Controls Ltd, Ford Road, Arundel, West Sussex, BN18 0BN, United Kingdom
E&OE tel - 01903 884488 fax - 01903 884377 email - sales@gaugemaster.com

www.gaugemaster.com

Stockists of Hornby, Dapol, Faller, Gaugemaster, Train-Tech, Javis, Expo, SuperQuick, Ancorton, and many more. Plus our exclusive own-brand products not available anywhere else!

hobby TRAX

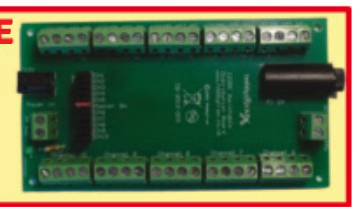
Innovators not imitators!

Secure online ordering
Friendly technical advice
Free postage over £100
No Highlands and Islands surcharge!
Please contact us first if paying by cheque or PO

Special Offer: Buy any 3 Hobby Trax own brand products and get 10% discount!!

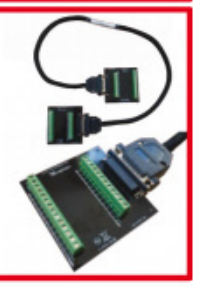
Online purchases only. Discount is automatically applied and cannot be used in conjunction with any other offer. All qualifying items must be purchased in a single transaction.

NEW PRODUCT – 12VDC SWITCHABLE DISTRIBUTION BOARD – JUST £16.95



Following the success of our original 12VDC switchable distribution board we have improved the design and it's now even easier to wire and features 10 independently switchable channels plus a master control switch.

Cobra Cable baseboard wiring system



Building an exhibition layout? Then you need our Cobra Cable! Two terminal boards fit either side of a baseboard joint and our ingenious cable connects the two. Unlike off-the-shelf cables we make ours from 16/02 cable capable of carrying 3A per terminal meaning it can carry all your electrical signals across a baseboard joint including **point motor wiring** and **DCC bus** connections. When it's time to dismantle, simply unplug the cable at either end. Comes as a complete kit with two easy wire terminal boards, 1m Cobra Cable and full instructions.
9 way £22.95 15 way £26.95 25 way £36.95

Warm white 12VDC LED modules



Our own design! These tiny 12V LED modules easily fit inside a building and create a warm white glow to simulate incandescent bulbs. Simply connect to any 12VDC supply or our 12VDC distribution board.
Just **£2.99 each** or **£9.99 for a pack of 10**.
Also available in modern cool white.

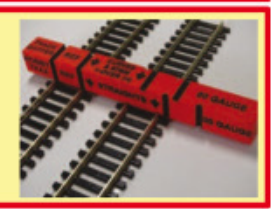


LOCO GO! - Wheel AND pickup cleaner - 200ml just £6.99



J-J-J-Juddering L-L-L-Loco? You need new Loco Go! from Hobby Trax. Most wheel cleaners only clean the running surfaces of the wheels. Our spray formula cleans the wheels and pickups. Simply spray on and see the difference! For all DC and DCC locos.

NEW PRODUCT – Track Gapper 00 gauge



Struggling to lay tracks side-by-side so coaches don't crash into each other on curves? Try our new Track Gapper! This handy tool is used to space tracks next to each other on curves or straights. Correctly spaces for curves, cross-overs, fiddle yards and straight tracks. Simply use the grooves on the tool to lay your tracks. An ideal tool for every modeller – just **£9.99**

ANNOUNCING THE EYE-CHOO CAMERA WAGON!

Ideal for YouTube



Ever wondered what your layout looks like from the drivers eye view? Well now you can film it using our brand new camera wagon! Simply couple our wagon to the front of your loco, press the record button and send it round your track. **Our camera will** record the view for you to play back on your computer. You can edit your footage for use on YouTube. It even records sounds too, so use a sound equipped loco for even more realism. Records at full 1080p at 30fps. Comes complete with camera wagon, SD Card, USB cable and full instructions.
00 Gauge only. For DC & DCC. **Only £89.95**

Hobby Trax Scenic range



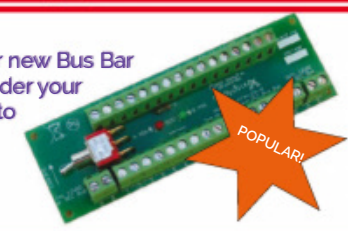
We have a rapidly expanding range of scenery products covering all seasons and gauges! Ballast from £7.99 per kg. Huge 50g lichen bag £4.99.
Coal (various grades) 250g £2.99 All very clean and not dusty!

NEW PRODUCT – Light upgrades for Hornby Intercity 125



We have developed a new range of products to improve the lighting on the original Hornby Intercity 125's. Fix those faulty lights with our new kit comprising new brighter bulbs and reflective foil to remove the light spill around the drivers cab window. Supplied with detailed fitting instructions **Just £2.95**
Now available LED version with red and white LED's changing according to the direction of travel. Works with both DC and DCC! **Just £10.95 per pair.** Full instructions supplied.

DC and DCC Bus Bar with isolate function



Struggling to wire bus connections under your layout? Our new Bus Bar makes it easy! For DCC use simply fit one of our boards under your layout every few feet or so and connect all your droppers to the nearest board. 16 easy screw terminals give up to 5A per board. Got a short circuit somewhere? Use the unique isolate function to help you find out where.
Also ideal for DC use to split a PSU output. **£5.95 each**

Cable and wire – huge stocks on our website

Lowest price!

Bk Bn Rd Or Yw Gn Bl Vi Gy Wt Pk
Bi-colours available (7/02 **and now 16/02**)
Rd-Bl Rd-Bn Gy-Bl Wt-Rd Rd-Bk Yw-Bk Or-Bk
Wt-Bk Gy-Bk Or-Rd Pk-Bk Yw-Gn Rd-Gn
Vi-Rd Gn-Rd Yw-Rd Gn-Yw

	10m / 100m
5/01 ultra-fine cable for wiring models etc	£4.95 / N/A
7/02 cable 1.4A for lighting	£1.40 / £9.99
16/02 cable 3A for points & DCC	£2.10 / £18.99
24/02 cable 5A for longer runs	£2.70 / £21.99
32/02 cable 6A for really large layouts!	£3.45 / N/A
6 core 7/02 cable	£3.75 / £24.99
12 core 7/02 cable	£6.45 / £42.99
Twin cable (red and black together) ideal for DCC bus and power feeds. 14/02 (3A) or 24/02 (5A) 10m lengths	£3.96 / £4.95
Roll end remnants – A mixed pack of at least 50m of wire	£5.99

Magnetic corner clamps (Sm, Md, Lg) £6.99, £7.99, £8.99
Tyson CDU (std/xtra) £10.95 / £14.95

SPECIAL PRICE DCC Controllers

NCE Power Cab UK Starter set **£179.95**
Now with free programming track switch!
Hobby Trax DCC Controller *(Shush it's a secret!)*



NCE CONTROLLER CADDY



P&D Marsh *pre-painted and ready assembled*
Prices are for 00 gauge, most available in N gauge too!



Rowing boat £10.40
Firemen 1970/80's £11.00
Newspaper seller £7.90
4x park benches £7.90
Postman, box and bike £9.20
8x dustbins £8.80

New from Hobby Trax: NCE Programming track switch

Like the NCE PowerCab controller but wish it had a programming track? Well now you can add one! Simply connect our switch unit and have a dedicated programming track. Also features a unique isolate function to switch everything off to allow you to work on any part of your layout. Very simple plug-and-play installation, no soldering required. Full instructions included, fits to all existing set-ups. **Just £12.99**

We include one FREE with every NCE controller we sell!!



HORNBY®

Hornby set track – all parts available

R600 / R601 straights £2.30/£2.75
R602 Analogue power clip £2.95
R603 long straight £4.79
R606 2nd radius curve £1.80
R609 3rd radius curve £2.70
R636 Double track crossing £30.95
R910 Fishplates (12pk) £3.19
R920 Insulated fishplates (12pk) £2.39
R8008 Grand suspension bridge £42.95
R8072 / R8073 Std points £11.45
R8076 Y point £14.95
R8077 / R8078 Express point £17.99

NEW - DCC Decoder Putty Just £2.59

What is it? It's a high strength black putty that holds decoders in place. Supplied as a 20cm length enough for 20-30 decoders

SuperQuick kits – full range on our website

A1 – Station platform	£6.99
A5 – Two road loco shed	£10.99

NEW SERVICE – Want it ready-built? Due to growing demand we have now hired a full-time cardboard construction engineer (yes it's a real job!) and we will now build ANY SuperQuick kit to professional standards for just £20. Search our website for "SuperQuick Ready Built"

Second hand treasures!

We now have a growing selection of second hand items. All are checked and tested by us so you can buy in confidence. Our latest arrivals includes lots of older Triang & Jouef track, a rare N gauge Shredded Wheat promotional loco with 4 coaches (yes really!) Loads of older DC controllers and Hornby set track. We also have a Class 373 Eurostar and many other Items. **We also buy your unwanted second hand items.** Just call us or send us an email with a list and we will offer you our very best price.



Wherever possible we test the items and describe them as accurately as possible.

New Product – Replacement DCC Controller cables

We now offer a range of replacement cables of various lengths for Gaugemaster and NCE controllers.
Prices from just £5.

BOOKS BOOKS BOOKS BOOKS!!!

We have also recently taken delivery of a huge selection of railway books. Mostly hardback covering live steam, many rare and out of print books all in great condition. Please see our website for a full list. Prices from just £1 each!

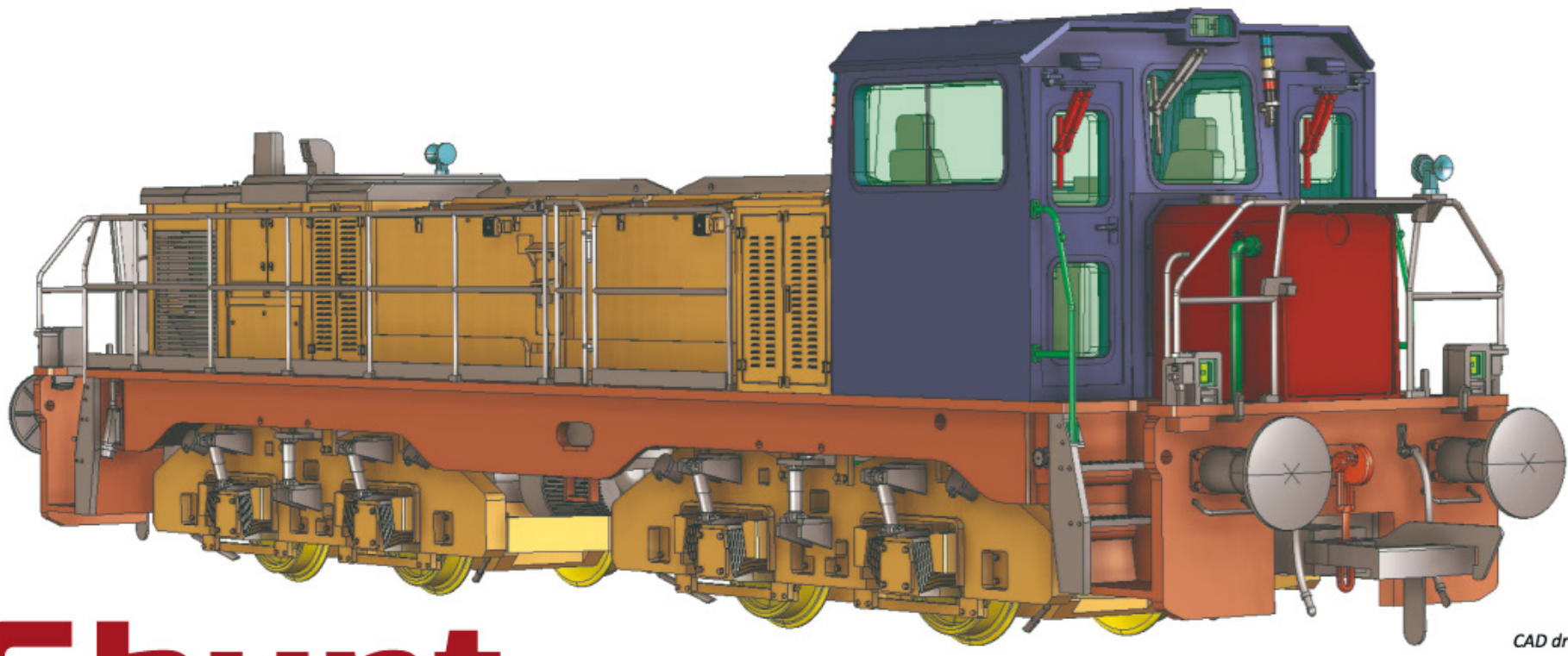
ebay
Just need a single item? Try our eBay shop where all products include postage!
www.ebay.co.uk/str/hobbytrax

"The home of products you don't see anywhere else!"

Did you know?

There are approximately 22 timber railway sleepers per chain, and 80 chains per mile, and 9800 miles of mainline track in the UK. Therefore we have 22x80x9800 or just over 17 million sleepers on the UK rail network!

www.hobbytrax.co.uk 0345 065 4472
Hobby Trax, Ford, Lochgilphead, PA31 8RJ
Telephone lines open 9-5 Mon-Fri. Please call for shop opening times.



CAD drawing

Shunt into the Future...

Class 18 hybrid shunter

00 gauge

- *These revolutionary battery-diesel hybrid locos are replacing ageing Class 08s in rail yards and industry. Watch our exclusive launch video on* YouTube



Photo courtesy Clayton Equipment Ltd

- *Models produced with the support of builders Clayton and owners Beacon, Sellafield and Tata Steel.*



Photo courtesy Arran Aird

- *Detail differences between types will be depicted and models available in DC Silent or DCC Sound options.*

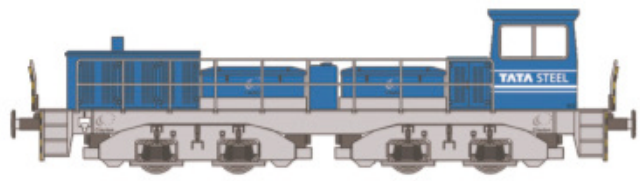
- *Delivery expected early 2023, pre-order exclusively from* RAILS OF SHEFFIELD



18001 - Beacon



1 - Sellafield



931 - Tata Steel

Livery diagrams are illustrative and subject to amendment. Not all versions shown.

British Railway Modelling Awards 2021 – N Gauge Manufacturer

Model Rail Model of the Year 2021 – N Gauge Manufacturer of the Year 2021

www.revolutiontrains.com

Remember you can save £££s by pre-ordering!

Revolution trains

Follow us for updates: Revolution Trains | Revolution Trains | @baby_pendo

MAC'S
MODEL
RAILROADING



4-8 REFORM STREET
KIRRIEMUIR

01575 572397

AC Models
Tel. 02380 610100 www.acmodelseastleigh.co.uk



R/C DEPARTMENT & GAMES WORKSHOP IN NEW EXTENSION

Stockists of all major brands
SCALEXTRIC HORNBY LILIPUT
Spectrum PECO AIRFIX BACHMANN BRANCH-LINE
and much more!
Find us on Ebay: AC Models 2
Amazon: acmodelseastleigh

GIFT VOUCHERS AVAILABLE

VISA PayPal MasterCard

SEE WEBSITE FOR OPENING TIMES

9 High Street, Eastleigh, Hants. SO50 5LF
email: info@acmodelseastleigh.co.uk

WANTED
Model Railway & Collectables

Top Prices Paid

For all makes, all gauges and live steam,
aeroplane kits, boats, die cast etc.

Instant cash paid

Will travel to collect

LITTLEWORTH MODELS

email: littleworthmodels@gmail.com

01775 630385
07723 336344

Woodgate Cottage
New Road,
Deeping St Nicholas,
Spalding, Lincs, PE11 3DU

Illustrated Catalogues Including Post
OO, OO9 (1/76th). Full Colour £7.00
N (1/148th)..... Full Colour £6.00
O (1/43rd)..... Full Colour £5.00

LANGLEY MODELS

Mail Order By Return P+P £4, over £50 Post Free. Unpainted metal kits-glue with epoxy glue (£7.00)

166 Three Bridges Road, Crawley, Sussex, RH10 1LE
Tel 01293 516329 www.langleymodels.co.uk



OO SCALE
Horse Drawn Brewery Dray £20.10, Cricket Figures £11.25 (painted £38.65), Cricket Sight Screen £8.55, Portable Score Board £5. Hundreds of other kits are in our OO catalogue.



Fire Bucket Rack and fire Extinguisher	£6.30	Paint' Vic/Edw railway/platform Figuresx10items	£28.70
8 x Modern Beer Kegs	£5.25	Painted Vic/Edw Upper Class 10 figures	£28.70
Bee Hives & Beekeepers	£6.75	Painted Vic/Edw Working Class 10 Figures	£28.70
Coalman Scales and coal sacks	£6.30	Painted Vic/Edw Seated 10 figures	£28.70
2 x Air Conditioning Units	£5.45	Painted 3 different Victorian Pillar Boxes	£8.90
Ornate 'Cast Iron' Fencing for Statley Home	£13.15	Painted Marching Guards	£28.70
Ornate Gates for Staley Home (fencing F237)	£13.15	Painted Rustic Bus Shelter and Stop	£16.20
Illuminated Camp Fire (incl resistor & led)	£5.50	Painted Modern Bus Shelter & Stop	£12.15
4 x Wheelie Bins	£5.50	Painted 3 Modern Pillar Boxes	£8.40
2 x Large Cable Drums	£6.00	Painted Horse Trough	£7.40
4 x Bulk Building bags	£5.50	Painted 2 x Village Water Pumps	£6.85
4 x Lightweight pallets and sack loads	£5.50	Painted Single Head Traffic Light	£7.45
Building Skip with Rubbish load	£7.65	Painted Twin Head Traffic Light	£7.75
10 Children playing (modern 80's)	£7.90	Painted Police Telephone box (resin)	£16.40
Royal Mail Tricycle and Box incl transfers	£7.90	Painted Hunt Scene 2 mounted riders	£11.55
Windmill-Smock Mill (detailed brass-etch)	£141.65	Painted Hunt Scene 6 Assorted Hounds	£10.30
6 Tennis Players in action poses	£6.30	Painted Cricket Game 15figs	£38.65
Tennis umpire linesmen & ballboys 7 figs	£6.55	Painted cricket Sight Screen	£17.60
4 Postman and 1 Bicycle	£6.40	Painted Cricket Score Board	£10.00
2xPub table/bench unit (lazer cut in real wood)	£5.85	Painted 6 x Seated Cricket Figs waiting to play	£16.20
6 WW2 Army Figures Relaxed poses	£6.85	Painted Morris Dancers	£30.90
6x WW2 Army Figures in action poses	£6.85	Painted Loco Spotters(3) & 8 Kids	£30.90
Seated Coach Passengers set 1	£6.10	Painted Lych Gate	£15.15
Seated Coach Passengers set 2	£6.10	Painted Church Notice Board & Crucifix	£12.20
Seated Coach Passengers set 3	£6.10	Painted War Memorial	£12.20
8 assorted Walking Women	£7.65	Painted 6 Sitting Figures	£16.20
8 assorted Walking Men	£7.65	Painted 6 x Standing Figures set 1	£16.20
4 Lineside Men digging,bolt greaser bolt tightener pair	£5.15	Painted 6 Standing Figures set 2	£16.20
4 Lineside men set2 3 track straighteners + pickaxe	£5.15	Painted 6 x Standing figues set 3	£16.20
4 Seated lying down drunks	£5.15	Painted Punch & Judy Tent and	£19.15



Wharf Crane £9.90

Golfers £5.90

In N scale see our colour catalogue



BR Scammell Scarab flatbed 1950's	£7.45	2 rowing boats & fisherman	£5.90
BR Scammell Scarab lowside 1950's	£7.45	Country Garage (incl folding doors)	£21.35
B.R. Scammell Scarab Covered 1950's	£9.00	3 Harnessed Horses	£4.65
Scammell Mechanical Horse Flatbed 1935	£7.45	2 Unharnessed horses	£3.30
Scam' Mech' Horse Lowside/Covered 1935	£9.00	Loco Crew Driver & Fireman	£2.10
4 ton Leyland box van 1920's	£9.00	Waterfowl-4 Swans & 4 Ducks	£3.90
Taxi cab 1930's onward	£5.70	Washing Line & Figure	£4.10
Bristol 'Royal Blue' coach 1940's	£15.30	6 Assorted Cows	£5.55
Newcastle/London Q1 trolley bus 52-59	£20.10	Wild Animals-foxes,rabbits,badger,squirrel	£3.90
Leyland Tiger TS7 coach 1935	£15.30	8 Seagulls- 5 flying, 3 standing	£3.90
Leyland Hippo lorry 1947	£9.95	6 Assorted Dogs	£3.65
Parcel van - 1 horse	£7.10	Hunt Scene-4 horses & riders 8 hounds	£8.05
Delivery trolley - 2 horse	£7.45	Working Men 1 on Ladder & 1 on trestle	£5.30
Hansom Cab	£5.25	8 Pigs	£3.90
Gypsy caravan, horse & figures	£11.95	8 Sheep	£3.90
Morris Commercial Van 1 ton 1950's	£6.85	10 Chickens	£3.90
Shand Mason horse drawn fire engine	£11.95	2 Shire Horses	£3.30
Leyland Beaver flatbed lorry 1949-70's	£9.85	Pub/Café Scene	£6.85
Leyland Beaver 3 way Tipper 1949-70's	£10.10	Funeral Scene	£5.05
Coal cart - horse drawn	£7.10	White Wedding Scene	£5.25
Brewery Dray - horse drawn	£7.35	Cricket Game Figures	£7.35
Railway Delivery lorry 5 ton 2 horse	£7.35	Cricket Sight Screen and Scoreboard	£7.35
		2 Horse Plough and Ploughman	£5.70
		15 ass Loco Lamps (square,round,guard)	£3.30
		30 shell vents (extra detailing for coaches)	£3.30
		20 torpedo vents (extra detail for coaches)	£3.30
		Ass Loco Vacuum Pipes	£3.30
		Childrens Playground & figures	£10.50

Plastruct Plastruct Plastruct

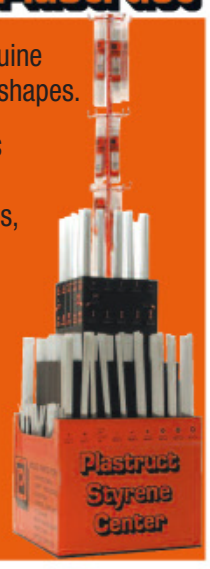


Please ask your model shop for genuine Plastruct fineline Styrene structural shapes.

Range contains over 70 shapes including; Angles, I-Beams, Channels, Columns, Deep Channels, Tees and Z Sections, Round, Rectangular and Square Tubing, Plastic Strips and Sheeting, Scale Ladders, Stairs and Railings, Open Web Trusses.

Essential for all scratch model makers.

www.plastruct.co.uk



RON LINES

Large stocks of pre-owned railways a selection of which is on our website.

We stock new Hornby, Bachmann, Graham Farish, PECO, Expo tools, Electrical components & much more.

We also purchase your unwanted railways, whether it's a single item or collection, anything considered.

Whether you're a novice or an expert we are always happy to help! So why not visit us today or give us a ring!

Tel: 02380 772 681 **www.ronlines.com**
342 Shirley Road. Southampton. SO15 3HJ
Open Mon-Sat 11am - 4pm

WWW.MODELRAILSHOP.CO.UK
01274 747447
shop@fmrdirect.co.uk
8A Sapper Jordan Rossi Park
Otley Road, Baildon
West Yorkshire, BD17 7AX
Open 10am - 4.30pm Mon to Sat

FRIZINGHALL
MODELS & RAILWAYS

The Modellers Choice Since 1950



32-619 - **£195.45**



371-005A - **£123.24**



32-115C - **£127.45**



371-465RJ - **£131.75**



E99940 - **£305.95**

BACHMANN SUMMER 2022 RELEASES DUE MAY-SEPT

32-115C - Class 08 08031 BR Blue	£127.45
32-123 - Class 08 08502 Harry Needle Railroad Company Blue	£127.45
32-124 - Class 08 08785 Freightliner G&W	£127.45
32-614 - Class 90 90019 'Penny Black' Rail Express Systems	£195.45
32-614SF - Class 90 90019 'Penny Black' Rail Express Systems (Sound)	£280.45
32-619 - Class 90 90030 'Crewe Locomotive Works' EWS	£195.45
32-619SF - Class 90 90030 'Crewe Locomotive Works' EWS (Sound)	£280.45
39-780 - LMS 50ft Inspection Saloon LMS Crimson Lake	£76.45
39-781 - LMS 50ft Inspection Saloon BR Crimson & Cream	£76.45
39-782 - LMS 50ft Inspection Saloon BR InterCity (Swallow)	£76.45

N Gauge

371-005A - Class 08 08950 'Neville Hill 1st' BR InterCity (Swallow)	£123.24
371-005ASF - Class 08 08950 'Neville Hill 1st' BR InterCity (Swallow)(Sound)	£205.25
371-152 - Class 37/5 Refurbished 37513 Loadhaul	£131.70
371-351ASF - Class 60 60044 'Ailsa Craig' Mainline Freight (Sound)	£220.95
371-359SF - Class 60 60100 'Midland Railway - Butterley' DB Cargo (Sound)	£220.95
371-361 - Class 60 'The Territorial Army Centenary' DB Schenker/Army Red	£135.95
371-361SF - Class 60 'The Territorial Army Centenary' DB Schenker/Army Red	£220.95

Sales Area Exclusive N Gauge

371-465RJ - Class 37/0 37025 'Inverness TMD' BR Blue (Large Logo)	£131.75

EFE Rail Set - OO Gauge

E99940 - EFE London Underground 1938 Tube 1970s Bakerloo EHO Set	£305.95

Servicing & Repairs
- DCC Sound Fitting
- DCC Decoder Fitting
- Servicing
- Buying Advice

OFFICIAL STOCKIST
SOUND FILES SUPPLIED BY
YOUCHOOS & DIGITRAINS

FREE POSTAGE over £175 (UK mainland only)

We buy Pre-owned railway items. Speak to our friendly & experienced staff. 'Cash or Exchange'

DCC end of line Bus Termination Filter £3.48 / Pair



No Solder DCC end of line termination boards to connect to the each end of the DCC Buz line. Helps to reduce spikes on the Buz lines and provide a cleaner DCC signal to the Decoders. Helps to prolong the life of decoders especially when there is a short on the track or Buz line.

Cable from £9.52 for 7/02 x 100M



12V 3A PSU £17.62



Power accessories available for distbution and ease of install

ExpressNet / Loconet Extension cables Starting from £1.21



Gaugemaster Prodigy extension cables also available

Visit us today, webshop open 24/7. Can't find what you are looking for? then email or call...

www.modelrailelectrics.co.uk

Capacitor Discharge Unit



£13.80

Model Rail Electrics



01622 535931

Just a sample of our range of products. please visit our online shop to see the full range.

mail@modelrailelectrics.co.uk

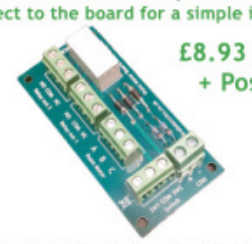
PayPal

VISA DISCOVER

stripe

Point Motor Board with 2 outputs

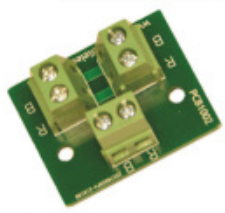
Connect the Point Motor, CDU & switch direct to the board for a simple install



£8.93 each + Postage

Our new Point Motor Board with 2 outputs to make wiring up motor points easier. Has 2 latching outputs that can be used for switching signals or panel lights to show which direction the points are set. Also the outputs can be used for switchig the polarity of the Frog on the points.

Track dropper connection board



£2.18 each or £19.98 for 10

A handy little connection board for connecting the main track power circuit bus line to a track connection dropper. just simply join your connections together, fix to the underside of the base board, then connect to the next board. Can also be used as the main feed connector, just put the track feed to where the Dropper is connected to instead. Rated at 10Amps, this will provide plenty of power to your layout.

CDU Distribution Board

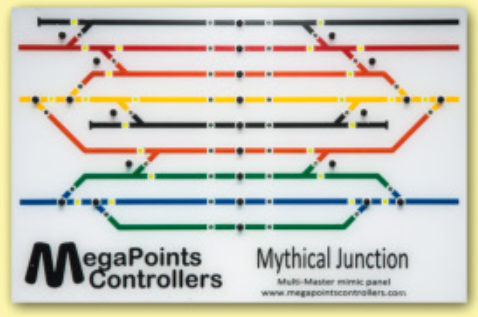


£5.16 each + Postage

The CDU Distribution Board allows for 1 CDU input which provides 10 outputs to wire to point Motors. Can be used in conjunction with the point Motor Board. Makes wiring easier and tidier for connecting up the point motors and switches.

MegaPoints Controllers

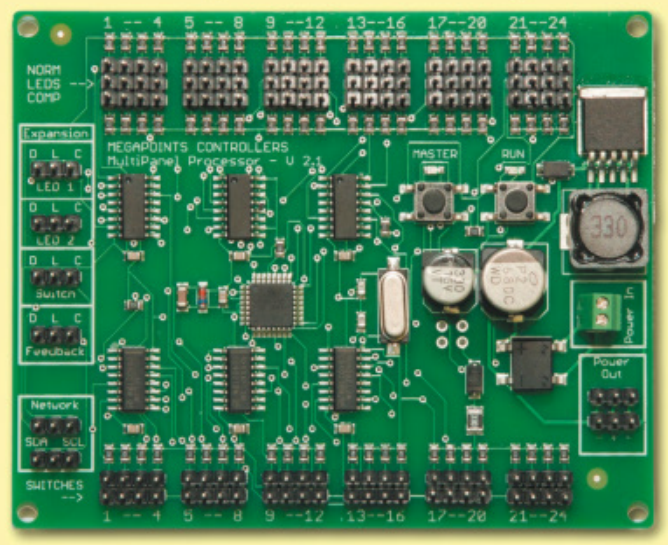
Awesome layout control system



Your bespoke mimic panel

Control your model railway from one or more tactile control panels
- NO SOLDERING! ***It's all plug and play!*** ✓
- Only uses a single cable between each control board.
- Includes ***feedback channel display*** option for:-
  - Block & section track occupancy ✓
  - Points position indication ✓
- Optional ***bespoke professional mimic panel design*** and build.
- Control servos, traditional solenoids, stall motors and relays.
- Works with ***analogue and digital*** layouts.

See website videos and product pages for more information.
Our single MultiPanel control board does it all!



Size 8cm x 10cm

1. Plug in LED cables
2. Plug in switch cables
3. Connect to control boards
4. Press buttons, start using!

Designed and built in Great Britain

A single cable connects each control board together and operates in BOTH directions for feedback display.

Plug-and-play, NO Soldering for control panel hookup. Cables and buttons available pre-wired with plugs attached. See our new website for details.

Web & details: megapointscontrollers.com

Rev 17-03

Trains4U.com

27 St. David's Square, Fengate, Peterborough, PE1 5QA

Open Tuesday - Saturday 10:00-5:00, Sunday 10:30–3:30, closed Monday

OO Gauge BBA/BLA Steel Wagons
IN STOCK NOW!



Produced by CAVALEX Models

Coming soon...

Produced by CAVALEX Models



OO Gauge Class 56



OO Gauge HAA/CDA Hoppers

Available to pre-order now from our website. (No payment or deposit required)

TRAINS4U EXCLUSIVE – OO Gauge MOD KFA / PFB WARFLAT

IN STOCK NOW!



£35.00 each

Features:
- Close coupling mechanism
- NEM coupling pockets
- Sprung buffers
- Detailed underframe
- Zinc alloy frame
- Convertible to P4/EM

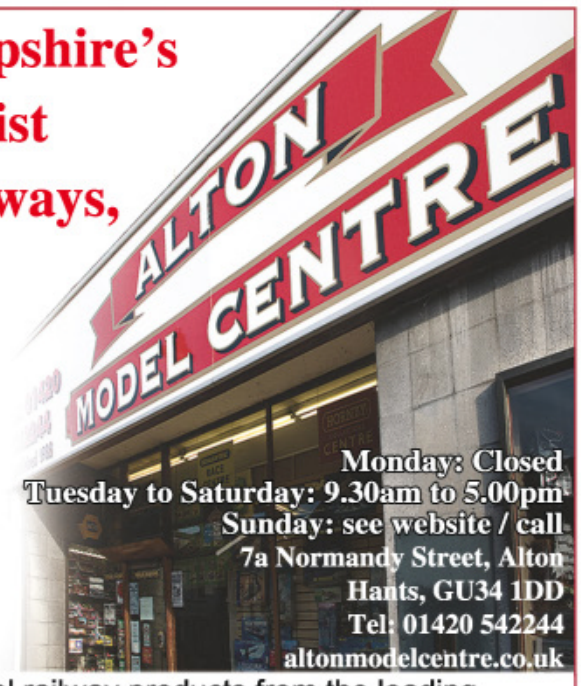
PFB, Green with green bufferbeams & jacks
Suitable for 1976 to mid 1990s

KFA, Green with yellow bufferbeams & jacks
Suitable for late 1990s to present day

Produced by CAVALEX Models

Tel: 01733 895989 e-mail: Trains4U@BTConnect.com

Possibly Hampshire's Largest Stockist of Model Railways, Die-Cast, Books, Magazines, Scalextric and much more.



Monday: Closed
Tuesday to Saturday: 9.30am to 5.00pm
Sunday: see website / call
7a Normandy Street, Alton
Hants, GU34 1DD
Tel: 01420 542244
altonmodelcentre.co.uk

Full range of model railway products from the leading manufacturers including:

Hornby, Bachmann, Dapol, EFE Rail, Graham Farish, Heljan, Oxford Rail, Peco, Ratio, Wills, Superquick, Metcalfe, Gaugemaster, Parkside, Railmatch, Woodland Scenics and many, many more.

DCC equipment from DCC Concepts, ESU, Gaugemaster, Hornby and Bachmann. Sound decoders from South West Digital.

Modelling materials & tools including Vallejo Model Colour AK pigments and washes, MIG Primer, Varnish & Weathering Products

Wide selection of books & magazines.

accurascale OFFICIAL STOCKIST

zimo



C&M Models

'N' Gauge Class 156 ScotRail 'Saltire' Livery

NOW AVAILABLE

PRICE: £150.00, plus postage

Via Website: https://candmmodels.co.uk
Via e-mail: sales@candmmodels.co.uk
Phone: 01228 514 689 (Tues to Sat. 10.00 > 16.30)
1 Crosby Street, Carlisle CA1 1DQ

55H

FOR MODELLERS WHO REQUIRE QUALITY, ACCURACY, PERFORMANCE & DURABILITY

The new name in brass O gauge RTR locomotives, built to the highest standards

Fully finished by SAM Models in Korea after extensive UK research, design and development.

www.55H.co.uk
www.finescalebrass.co.uk

NEW MODELS IN PRODUCTION



BR Standard 5MT (incl Caprotti version)
BR Standard 4MT 2-6-0 & 4-6-0

PRE-ORDER PRICES: **£2750.00** *DC* **£3150.00** *DCC & sound* **£3350.00** *DCC, sound & sync smoke*

AVAILABLE MID 2022 **NUMBERS ARE LIMITED** – Call now to reserve the number/version required

Build: Roger Scanlon
Painted: Paul Moore
For illustration purposes only

LIMITED STOCK!!

8P "Duke of Gloucester" choice of era's. Fully factory finished and tested ready to run on delivery.

£2800.00 *DC*
£3200.00 *DCC & sound*
£3450.00 *DCC, sound & sync smoke*



SPECIAL OFFER!!!

FREE whilst stocks last - a fully finished ***Terrier*** or ***J50*** with any purchase of Britannia & Duke of Gloucester models. ***See website for details***



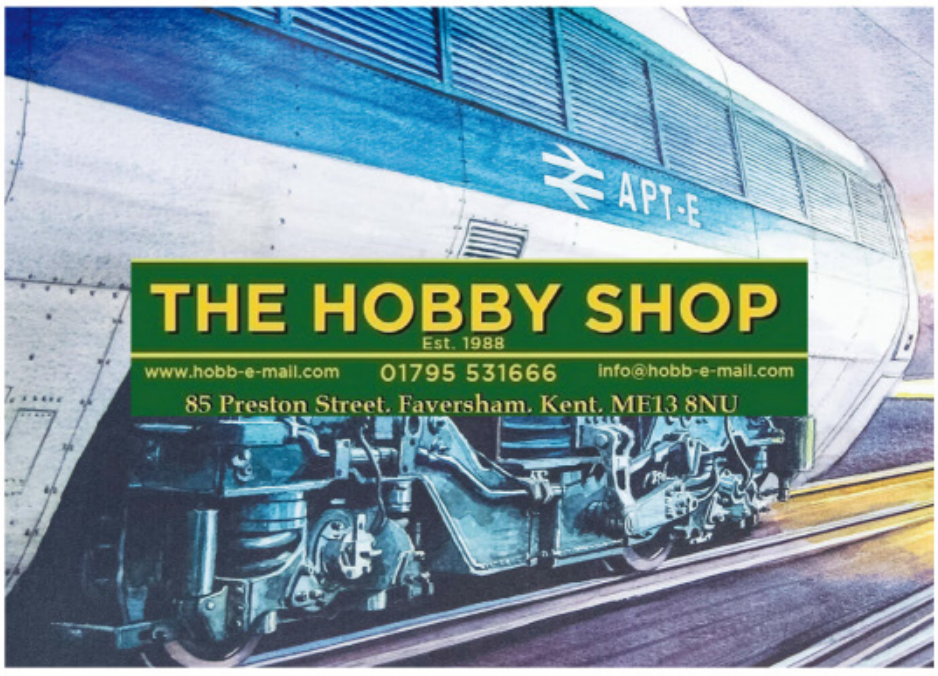
LIMITED STOCK!!

7MT "Britannia" class choice of names & tender. Fully factory finished and tested ready to run on delivery.

£2750.00 *DC*
£3150.00 *DCC & sound*
£3350.00 *DCC, sound & sync smoke*

55H Unit 3 Fulford Business Centre,
35 Hospital Fields Road, York YO10 4DZ
Tel: **01132 761759** / **John@55h.co.uk**

55H is a TRADING NAME of FINESCALEBRASS



To get your products in front of 21,631 readers

Please call Sarah Charity on 01733 979458

or email sarah.charity@bauermedia.co.uk

Fully tested and guaranteed for 5 years

MORLEY CONTROLLERS

60 Years BTVR ESTABLISHED 1959

Experience the ultimate in controller technology!

VANGUARD ZERO ONE £140 PLUS £6.90 P&P
- 2 x 5mtr hand held controllers
- 1 x 12V DC accessory
- O gauge
- 2.5 amp per track
- Twin track



VESTA ZERO TWO £85 PLUS £4.90 P&P
- 2 x 2.5mtr hand held controllers
- 1 x 12V DC accessory
- N gauge
- Twin track
- **'Crawler'** model available **£89** PLUS £4.90 P&P



VECTOR ZERO THREE £85 PLUS £4.90 P&P
- 2 x 2.5mtr hand held controllers
- 1 x 12V DC accessory
- OO/HO/N/009 gauge (1 amp per track)
- Twin track



VECTOR ZERO THREE 'CRAWLER' £89 PLUS £4.80 P&P
- Perfect companion for all the small shunter type locomotives being manufactured
- Slowest speeds ever plus all the benefits of the Vector Zero Three.



VORTRAK ZERO TEN £158 PLUS £6.90 P&P
- 2 x 5mtr hand held controllers
- OO/HO/N/009 gauge (1 amp per track)
- 2 x 12V DC accessories
- Four track
- **'Crawler'** model available **£162** PLUS £6.90 P&P



Each controller has state-of-the-art design, offering very best performance capability. Slow and fast speeds are superb. Internal seperate transformers for each track from 220/240 AC mains.

CDU FOR POINT MOTORS ON-BOARD

Our controllers do not have any type of feedback and not PWM therefore fully suitable for all coreless motors.

www.morleycontrollers.com
(Secure order site)
Email: jet@morleycontrollers.com
Tel: 01704 533 116
PO Box 501, Southport, PR9 9ZL

worldpay VISA

Made in the UK

Sig-naTrak®
Model railway electronics by *GFB Designs*

ACE-3 DEVELOPMENT: IMPORTANT UPDATE



Regretfully, we have suffered another setback with component supply issues. Two of the parts required for ACE production are now not available unil October, so we will not be able to release any ACEs until early winter.

Our sincere apologies!

£TBA

The ACE-3 (DCS2044-3)
NMRA-compliant DCC controller with full decoder programming and reading.
Compact: only 220x150x45mm!
Computer control, XpressNet & LocoNet(R) planned - user upgradable!

NEW!!

DAC22 8-channel DCC Acessory Decoder £32.00



- Drives all types of point motor.
- Independent output addresses.
- Built-in CDU
- Voltage booster for solenoids.
- LocoNet interface.

The *DRIVER* (BHS1204) *ACE* Handset.



See website or send large-letter SAE for more details. (prices inc. VAT, p+p extra)
***GFB Designs* - WE put YOU in control!**

Layout control modules - DCC or LocoNet(TM)

DAC22 Eight-channel Accessory Decoder. £79.00
SIGM20 Colour-light Signal Controller - 6 or 8 outputs. £54.00
DTM30 Digital Tower Master - 30 inputs & outputs. £63.00
DSS1 Loco Shuttle - automatic train running sequences. £60.00
MSC8 Scenery Animator - control lights, motors & servos. £30.00

13 Hooper Close, Hull, HU6 9FG
Tel: 07968 057919
(Sorry - no callers.)
Email: info@signatrak.co.uk; Web: www.signatrak.co.uk

HOWES MODELS LTD
75+!
1939-2019

UNIT 16B, STATION FIELD INDUSTRIAL ESTATE, ROWLES WAY, KIDLINGTON, OXFORD OX5 1JD
01865 848000, Open 08:00-16:00 Mon-Fri; Sat 09.00 to 16.00

HOWES THIS FOR SOUND!

PROBABLY THE BEST AVAILABLE

AND NOW THE BEST FOR LESS

NEW LOW PRICE £109.99!

Hundreds of hours have been invested by our experts to ensure you receive what we believe to be the best UK sounds available. We can supply ESU Loksound decoders with our sound files and can also re-blow your ESU LOKSOUND decoders if you are unhappy with the sounds on them – our 're-blow' service is only £12.00 plus return courier charge.

These are the latest LOK SOUND 5 decoders!

BR diesels, electrics, multiple units & steam – huge choice – just visit us on-line to see our full selection!

Sound decoder with speaker - **£109.99** for ESU/Howes V4.0 plus £5.95 delivery (UK).

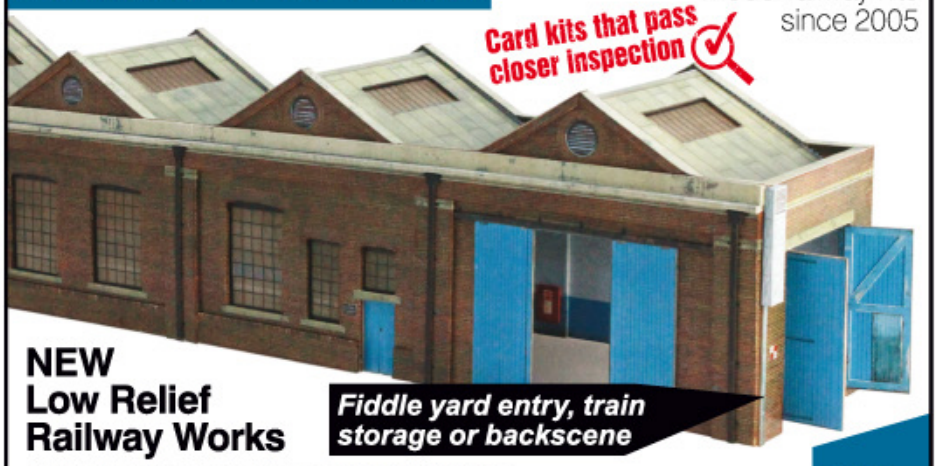
Please remember that we offer a decoder fitting service, please phone for more details.

All our sounds can be offered for'O' gauge models but *may* require a different decoder, depending on current draw - please phone for details.

ESU/Howes **XL** decoders for all **Heljan 'O' diesels**; are available at £219.99 inc speaker.

www.howesmodels.co.uk

Visit ➔ Scalescenes.com
Download ➔ Print ➔ Build
The home of quality downloadable card model railway kits since 2005
Card kits that pass closer inspection



NEW
Low Relief
Railway Works
Fiddle yard entry, train storage or backscene
Build to any length for ONLY £4.99
Buy once unlimited prints
View our large range of N and OO kits and texture sheets
scale scenes .com

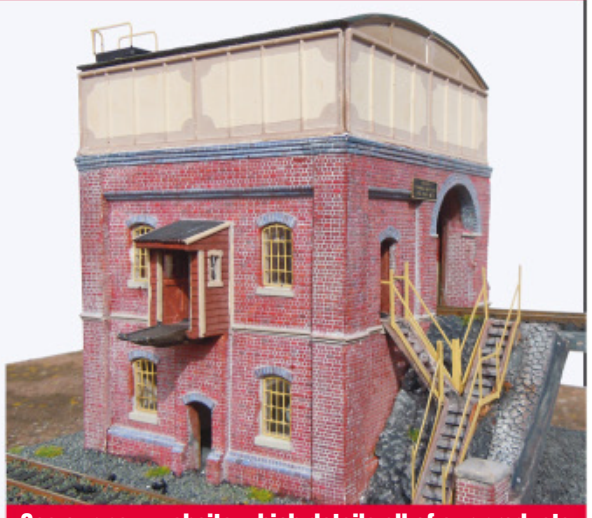
TOWNSTREET
MODEL ARCHITECTURE AT ITS FINEST
From the stonecast range that brings realism to your layout.
NEW "OO" GWR COALING STAGE £67.50

A selection of our kits include:

Citadel Station	£97.50
North Light Engine Shed	£69.50
LNWR 'Coal Hole'	£55.00
Large Signal Box	£52.00
Concrete Ash Plant	£69.50
Concrete Coaling Plant	£69.50
Louvre Roof Engine Shed	£69.50
Stone Stations	from £49.50
Brick Station	from £39.50
Brick/Stone Water Tower	£22.50
Brick/Stone Goods Shed	£49.50
Brick/Stone Engine Shed	from £43.50
Brick/Stone Signal Box	from £39.50
Sand House	£36.50

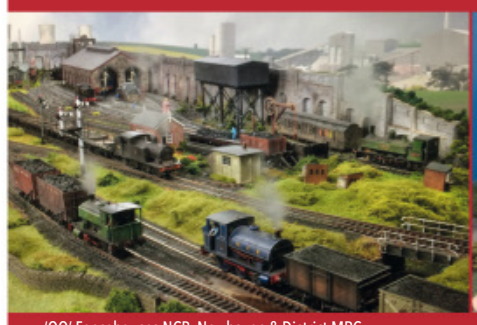
PLEASE ADD £4.60 P&P

60 page "OO" catalogue. Full of buildings, bridges, platforms and ideas for your layout £3.80 post free.

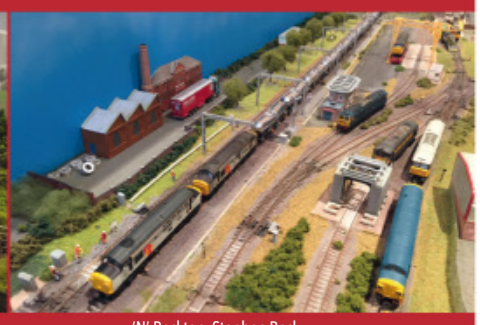


TOWNSTREET
6 KIRKHILL, BLENCARN,
Nr. PENRITH, CUMBIA CA10 1TZ
MAIL ORDER ONLY PLEASE
MON TO FRI 2-8pm
Tel: 01768 88456
See our new website which details all of our products
www.townstreetuk.co.uk

★★★ WE'RE BACK AGAIN WITH AN EVEN BIGGER SHOW! ★★★



'OO' Fencehouses NCB, Newhaven & District MRC



'N' Beckton, Stephen Beck

show sponsor HORNBY in attendance

GREAT BRITISH MODEL RAILWAY SHOW

show sponsor BRITISH MOTOR MUSEUM HOME TO THE WORLD'S LARGEST COLLECTION OF HISTORIC BRITISH CARS

British Motor Museum, Gaydon, Warwicks
29th - 30th October 2022
www.gbmrs.com

★ More than 30 layouts across the scales
★ live steam
★ ten modelling demonstrations
★ family attractions

★ up to 30 specialist traders
★ accessible venue
★ excellent catering
★ Museum entry included in price

PRE-BOOKED ADMISSION
Adults: £14.50
Concessions: £12.50
Children: £9.00
Family: £40.00

FREE PARKING!
Gates open 9.30am for pre-booked, 10.00am for on-the-day tickets
Closes 5pm Sat, 4pm Sun

FREE COURTESY BUS FROM LEAMINGTON SPA RAILWAY STATION (SAT ONLY)

2 The Leamington & Warwick Model Railway Society C

Presented in association with the Leamington & Warwick Model Railway Society

Go to www.gbmrs.com for full details and to book your tickets

CRANE GARDEN BUILDINGS

THE PERFECT LOCATION
FOR A MODEL RAILWAY

Our buildings are strong and robust, built with the highest quality timber, and can be tailored to suit your needs.

By tailoring the building design to your exact requirements, we can give you a building of the perfect size, with each feature precisely where you want it. Our sheds and workshops can also be fully lined and insulated, with electrics, allowing for year-round use. To find our more, please visit cranegardenbuildings.co.uk.







SHOW SITES ACROSS THE COUNTRY

HANDMADE BY SKILLED CRAFTSMEN

FREE DELIVERY & installation nationwide

Sheds | Workshops | Summerhouses | Garages | Studios | Telephone 01760 444229

C & L FINESCALE
TRACK BUILDING SYSTEMS

C & L FINESCALE ARE SUPPLIERS OF WELL PROVEN RANGE OF 4 & 7MM TRACK BUILDING MATERIALS WHICH INCLUDES OUR EASY BUILD POINT KITS WHICH CONTAIN ALL OF THE REQUIRED PARTS TO BUILD A POINT.
FOR THE FULL RANGE PLEASE CHECK OUR WEBSITE.



All new P4 and EM flexi track in two or three bolt versions



All new 7mm O Gauge flexi track



Easy build point kits available in 4 and 7mm scales



New OO Flexi track based on track panels



New 4 & 7mm individual rail chair chair sprues

Office hours: 10.00 to 13.00 Monday to Friday

C & L Finescale Track Building Systems Ltd, 125 Beaver House, 12 East Street, Epsom KT17 1BX
Telephone 01372 748490
www.clfinescale.co.uk

MODEL RAIL

OUT NOW

'16XX'
0-6-0-PT

22
versions to choose from







Order yours today!

Go to page 106 for full details

MODEL RAIL

YouChoos DCC Sound

BE THERE WITH immersive Drive

ALL SOUNDS NOW AVAILABLE FOR ZIMO MS IN 16Bit



next generation digital sound
Zimo MS

01380 530530
www.YouChoos.co.uk info@youchoos.co.uk

Durham Trains of Stanley



"more than just a model shop"

6 Station Road, Stanley, County Durham DH9 OJL
Tel: 01207 232545
email: durhamtrainsofstanley@gmail.com
Opening times: 9.30 - 5.00 Mon, Tues, Fri & Sat, 11.00 - 5.00 Thurs, Closed Wed.
DCC Fitting
www.durhamtrainsofstanley.co.uk

EILEEN'S EMPORIUM

Mail order: Unit 19.12 Highnam Business Centre
Newent Road, Gloucester, GL2 8DN, ENGLAND
Visitors welcome by appointment only
Tel: 01531 828009
sales@eileensemporium.com
www.eileensemporium.com

For Soldering Tools and Consumables
Lead Solders, Paste and Liquid Fluxes
70˚, 145˚, 188˚ (wire and paste)
Antex Soldering Irons
Replacement Bits
Tip Tinner/Cleaner

Visit our webshop www.eileensemporium.com

Unit 38
Market
Village
South Parade
Sutton
Coldfield
B72 1QU



Tel: 07981 757023
Monday to Friday 10.30 to 4.30
Saturday 9.00 to 4.30

Bachmann, Hornby, Dapol, Gaugemaster, Metcalfe, Peco, etc.
Gauges N to 0. Modelling tools and materials
Locomotive repair and decoder fitting service
We supply Blue Foam for scenery and baseboards
And can build foam baseboards to order

Trouble at the Beach
Available in N, TT, OO & O Scales



Prices Start from £2.49

WWW.SMARTMODELS.CO.UK
Smart Models, Unit 302, Jarrow Business Centre, Rolling Mill Road, Jarrow, Tyne & Wear NE32 3DT
Tel:- 0191 4283307 Email:- info@smartdesign-u-need.com

Probably the best DCC Cab Kit in the world

Come for a Friendly Chat on Stand 27 at the PERTH MODEL RAILWAY EXHIBITION 25th/26th June 2022



To find out more? Please visit our website:
merg.org.uk

Secure Garden Workshops

Bespoke Steel Building Kits, providing secure storage, bright workshops or display areas. Can be any size from 2m x 2m to small factory units. Comes with full instructions for self build on simple concrete slabs (no cast in bolts needed).

Can be supplied with insulated roof and wall cladding with secure steel roller and panel doors all in a range of colours. We can also supply window openings to provide everything your home office/workshop needs.

Call 01366 321 269 for advice and email

info@oz-uk.com for quotes. We can supply kits for storing steam trains, aircraft and motor vehicles right down to tool sheds and model stores. You dream we build.







OZ-UK Steel Buildings
FSB
CSB Capital Steel Buildings "Built on Service"

Laser Cut Building Kits
In OO / 4mm Scale





KX065-OO Farmhouse

scalemodelscenery.co.uk

Order online or call 01530 456952

www.YorkModelRail.com
Precision Laser Cutting

Online shop, selling our unique range of laser-cut scenery detailing and architectural components; helping you build your railway layouts



Plus affordable bespoke laser-cutting service catering for ALL SCALES and all model-makers, worldwide.

Price lists available in 0, 00 or N scale if you don't have internet access.

York Modelmaking 01904 400358 laser@yorkmodelrail.com
Unit 13, Bull Centre, Stockton-on-the-Forest, York, YO32 9LE



www.harburns.uk

Harburn Hobbies, 67 Elm Row, Edinburgh EH7 4AQ
T: 0131-556 3233 & 0131-478 3233 Email: sales@harburns.uk

HARBURN HAMLET OO / HO Acclaimed Accessories

Harburn Hamlet Accessories
ready made - realistically painted
ready to place – see: www.harburns.uk



SS306 Green & Cream

Waiting Room or Store
1/76th Scale – 00 Gauge



SS308 Natural Wood
(end view)



SS305 Brown & Cream
(end view)



SS307 Red & Cream (rear view)

Waiting Room or Store

timber walls, slate roof
cast in resin/stonecast
and decorated as shown.
Size: L 115mm x W 43mm x H 50mm

SS305 Brown & Cream
SS306 Green & Cream
SS307 Red & Cream
SS308 Natural Wood

All **£46.56** each
(P&P £3.35)

New!



SS358
Winston
Churchill
Statue
£23.98

1/76th Scale
00 gauge

22mm Sq
66mm High

GOLDEN VALLEY HOBBIES

BUSCH



Busch 1821
Building Up A Market Stall
£16.00



Busch 1822
Market Stalls
£28.99



Busch 1823
Vegetables & Fish Stalls
£28.99



Busch 1824
4 Market Stalls
£19.99



Busch 1825
Fashion & Luggage Stalls
£28.99



Busch 1826
Vegetable Market Stalls
£16.00



Busch 1827
Mobile Wood-Fired Oven
£25.00



Busch 1828
BBQ Stand
£14.99



Busch 7997
Shopping For Veggies
£16.99

www.gvhonline.co.uk/MR2207

Unit 1 Pontrilas Business Park, Pontrilas, Herefordshire, HR2 0AZ
See our website (above), write or call to order. 01981 241 237
Trade enquiries welcome. Prices are correct at time of print and are subject to change.

EXE MODEL RAILWAY SOCIETY PRESENTS

EXETER 2022
MODEL RAILWAY
EXHIBITION

Saturday 25th June 10am – 5pm
Sunday 26th June 10am – 4pm
Matford Livestock Centre,
Matford Park Road,
Marsh Barton, Exeter,
EX2 8FD
(Adjacent to Matford P&R.)

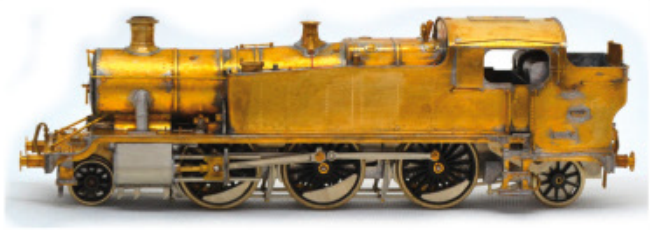
Admission £7.50
Accompanied Children Free

OVER 30 LAYOUTS & DEMOS
UP TO 15 TRADE STANDS
Disabled Access.
Restaurant. Free Parking.

For latest information and directions visit:
UKModelshops.co.uk or www.exemrs.co.uk

P. D. K. MODELS

Brass and Nickel Silver locomotive kits. Suitable for 'OO' and 'EM'.



PDK 68. GWR/BR 41/51/61/81xx 2-6-2t £120-00



PDK 78 GWR/BR Straight Frame 51xx 2-6-2t £120-00

'NEW'

PDK 68 & 78.

Brass and **Nickel Silver** construction with **Whitemetal, Lost Wax Brass** and **Turned Brass** detail parts. **(The chassis comes with optional beam compensation).**

(Wheels, Motor & Gearbox not included).

SELECTED OTHER KITS

PDK 22 - LNER/BR Thompson A2/1 Pacific.....£123.00

PDK 72 - LSWR/SR/BR Urie H16 4-6-2 Tank.....£115-00

COMING SOON – GWR/BR 31xx 2-6-2t, LSWR/SR/BR L12 & S11.

PLANNED KITS – LSWR T14, LBSC K 2-6-0.

Professional Building Service Available. Price On Application.
As well as our own kits we will consider other manufacturers kits. Please visit the gallery pages on our website for examples.

Please visit our website at www.pdkmodels.co.uk for further details. Payments are via PayPal on our website, Credit/Debit card by phone or Cheque.

Hilltop Bungalow,
Carnkie, Helston,
Cornwall, TR13 0DZ.
Tel: 07732 213251. (Between 10am & 4pm)
E-Mail: pdkmodels@hotmail.co.uk

List of Kits & Detailing Parts. Download from the website or send a LARGE A4 SAE.

POSTAGE

Recorded Postage £5.00 on Loco kits and £3.50 on Tender Kits. Parts postage is detailed in the parts list. Overseas customers please email for a quote.

Peter's Spares

EST 2009



- New & Used Hornby Spare Parts
- Our own spare parts made in China
- Locomotives and Rolling Stock
- Plastic Kits, Paints, Tools & Glues
- Digital Decoders & Controllers
- Locomotive Detailing parts
- Mega Steam Smoke Fluid
- Tracks & Train Sets
- We have it all at Peters Spares
- Check our NEW LOOK STORE now!

NEED HORNBY SPARES?

Talk to Peter's Spares Over 2500 Different Hornby Spares in Stock. NEW WEBSITE with back in stock alerts and wishlist

OVER 11,500 DIFFERENT ITEMS IN STOCK

DON'T FORGET WE SELL:

HORNBY

Locomotives, Rolling Stock, Scenics and much more!

BACHMANN BRANCH-LINE

NEW & USED MODEL RAILWAYS

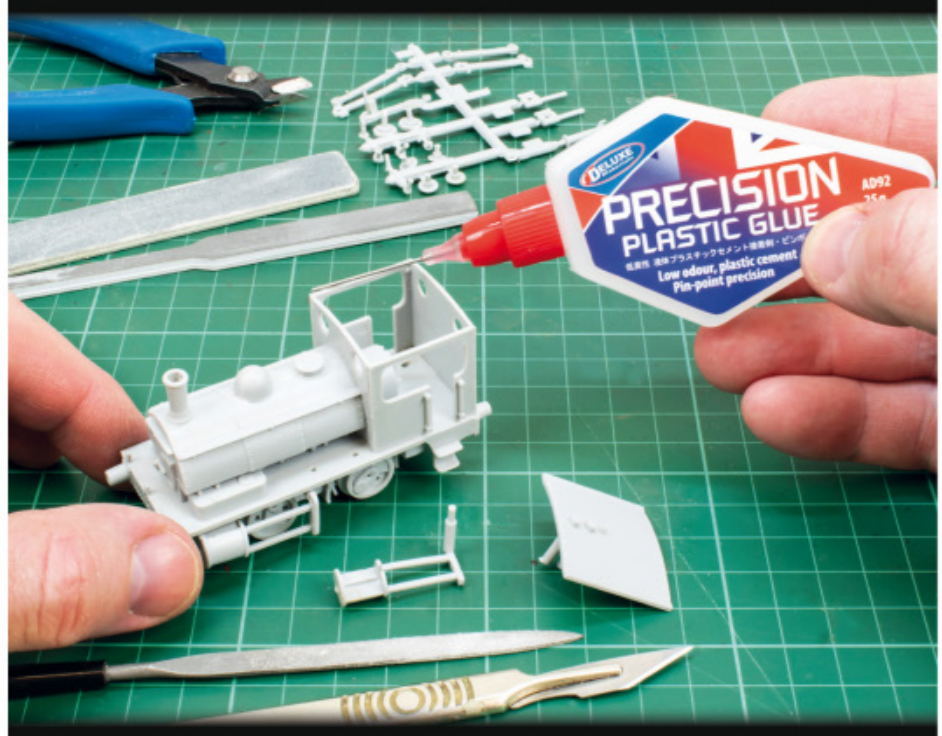
Specialists in Model Trains since 1994 – Servicing, Repairs & DCC Decoder Fitting
2J Brighouse Business Village, Riverside Park, Middlesbrough, Cleveland TS2 1RT

PECO · GRAHAM FARISH by BACHMANN · dapol

Tel: 01642 909794
Open Mon-Sat 10am-5pm
Web: www.petersspares.com
Email: sales@petersspares.com

HELJAN · GAUGEMASTER

Precision Plastic Glue



AD92
25g



- No clogged needle
- No workshop odour
- Easy to hold bottle
- Visible glue level
- Non-toxic, non-flammable
- Controlled, precise application-non-thickening in use

If you are a plastic kit modeller, looking for the ultimate adhesive that will give precise application. With a smart inverted needle for safe transportation and an easy-to-hold bottle, you will be delighted to discover Precision Plastic Glue.

This hazard-free, non-toxic plastic cement is designed with a 10 second working time for easy use and adjustment of parts. It bonds all types of styrene plastic kits and is chemically engineered to never clog the needle.

Perfect precision – right on point



MADE IN UK

Distributed to all good model shops in the Uk by Gaugemaster Controls Ltd
Tel: 01903 884488 www.gaugemaster.com
In Australia by Hobbies Australia hobbiesaustralia.com.au

If you can't find DELUXE MATERIALS products in your local shop we are just one click away

DELUXE Materials

deluxematerials.com



DCC by Modellers for Modellers

Stockists of

Bachrus, Circuitron, Tam Valley, CML Electronic, DCC Specialties, Digitrax, ESU, Express Models, Gaugemaster, LDT, CT Elektronik, Lenz, New Rail Models, Roco, RR-Cirkits, Sprog DCC, Team Digital, TCS, NCE, Zimo. Plus Many More!

Ipswich Model Railway Centre, Unit 2, 48-52 Tomline Road Ipswich IP3 8DB.

Coastal DCC

Coastal DCC +44 (0) 1473 710946

www.coastaldcc.co.uk enquiries@coastaldcc.co.uk

MORRIS MODELS NORTH LANCING

80 Manor Road, N Lancing, West Sussex, BN15 0HD
Tel 01903 754850
www.morris-models..co.uk
info@morrismodels.co.uk

We are between Brighton & Worthing, just off A27 west of Shoreham Airport

BRITISH RAILWAYS

HORNBY GRAHAM FARISH PECO dapol HELJAN

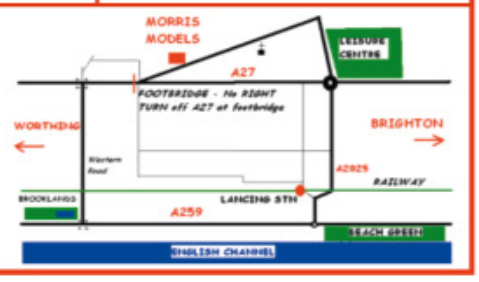
PLUS MANY OTHER RANGES OF SCENIC MATERAILS, BUILDINGS, VEHICLES etc

Easy free parking!! Please check website for opening hours or call us

CONTINENTAL RAILWAYS

FLEISCHMANN Roco TRIX herpa FALLER Preiser NOCH MINITRAINS





CARD KITS FROM THE CARD MODELLING SPECIALISTS

BILT-EEZI

Card kits & backscenes

Unsurpassed artist-drawn designs

Colour-printed on thin card (not die-cut), with lots of optional parts.



"The Stable-block" Based on multiple F5 kits with added detail parts and Scene-Setters glazing

2mm kits: £2.00 ea. | 4mm kits: £3.00 ea. | Some kits available in 3mm & 1.5mm

SAE for latest details & colour brochure

A1* Semi-det. houses
A2* Garage w. pumps
A3* Church ('OO' needs A4)
A4 Public house
A5 School / village hall
A6 Walls, fences, etc.
B1 Country station
B2* Factory or dairy
B3* 2-road engine shed
B4 Platform accessories
B5* Signal boxes
B6A Tunnel mouths, green granite ('OO only)
B6C Tunnel mouths, brown stone ('OO' only)
B7* Viaduct & lock-ups
C1 Coaling stage etc
C2 Water & oil tanks ('N')
C3 Country goods shed
C4 Gas holder etc
D1 2 thatched cottages
D2 Farm outbuildings
D3 Large barn
D4* Half timbered house
D5 Library or shops
D6 Town house, shops etc
E1 Det. house or 2 semi's
E2 Bungalow & garage
E3 Post-war flats
E4 Police stn / offices
E5 Fire station
E6* Georgian house backs
F1* Row of stone cottages
F2* Stone smithy & house
F3 Stone chapel
F4* Stone hotel / inn
F5* Stone school / w'house
F6 Walls, fences, paving etc
G1* Low relief row of shops
G2 Brick houses / shop
G3 "Scats" Warehouse
G4 Goods receiving depot

* NB TEMP OUT-OF-PRINT:
'OO' A1,B2,B7,E6,F1,F2,G1
'N' A2,A3,B3, B5,D4,F4,F5

P&P (UK) £3.50 per order. Overseas at cost
Cheques to "Freestone Model Accessories"
Callers by appointment only please

Tel: 01993 775979
28 Newland Mill, Witney
Oxfordshire OX28 3HH

FREESTONE MODEL ACCESSORIES

MasterCard GIVE EXPIRY DATE & 3-dig. SECURITY No. VISA

Web: temporarily non-operational
e: sales@freestonemodel.co.uk

MODEL RAILWAY SOLUTIONS



WE ALSO OFFER A LARGE RANGE OF MODULAR BASEBOARDS
See website for details

modelrailwaysolutions.co.uk

HORNBY DCC concepts NOCH ... wie im Original GRAHAM FARISH PECO



Visit mustard.co.uk

Experts in insurance comparison

REVIEWS.io ★★★★½ As of May 2020

mustard.co.uk or call 0330 022 9940

mustard.co.uk is a trading name of H Bauer Publishing which for general insurance distribution is an Appointed Representative of Vast Visibility Limited, 8 Princes Parade, Liverpool, L3 1DL, which is authorised and regulated by the Financial Conduct Authority under Firm Reference Number 566973. You can check these details on the FCA Register. *For full T's & C's go to mustard.co.uk

MODEL RAIL Marketplace

CALL SARAH ON 01733 979458 • sarah.charity@bauermedia.co.uk

DCC

Mark's Trains
Est. 2016
A RENOWNED SPECIALIST DCC CONVERSION SERVICE
• Servicing & repairs • Weathering • Resprays • Kit building
www.marks-trains.co.uk
01733 609 414 - info@marks-trains.co.uk
marks.trains.uk marks_trains_uk

Books & DVD's

NICK TOZER
RAILWAY BOOKS
RAILWAY BOOKS BOUGHT & SOLD
Free Railway Booksearch Service
155 Church Street, Paddock,
Huddersfield, HD1 4UJ
(Shop: Tue/Wed 11:00-17:00 + Thu 14:00-20:00)
www.railwaybook.com email: nick@railwaybook.com
Tel: 01484 518159

Kits

BRANCHLINES
Dapol Kit Package Deals




Each package deal contains the Dapol plastic kit, our etched n.silver chassis kit, our body detailing (or interior) kit, Mashima motor, Romford gears, wheels and all screws wire, etc. to complete.

Railbus p/deal with full interior	£61.50
Drewry '04' diesel complete p/deal	£81.50
BR mogul & tender complete p/deal	£112.50
City of Truro complete p/deal	£111.50

Most parts available separately
P.O BOX 4293, WESTBURY BA13 9AA
Tel/Fax: 01373 822231
E-mail: sales@branchlines.com
Cat's SSAE + £1 (in stamps) or £2.50 C. Card and PLEASE STATE INTERESTS
P&P: UK £2.50 (value under £30), £4.00 (£30 to £60), £5.00 (over £60).
Non UK and BFPO less VAT. Exports £4.50 minimum.
VISA, MASTERCARD, SWITCH/MAESTRO, SOLO
EXPORTS WORLDWIDE
Hours: Mon-Thursday: 9.30-1, 2-6

- 0 Gauge Kits -
CONNOISSEUR MODELS
- Quality Etched & Cast Metal Kits -
- Locos, Carriages & Wagons -
www.jimmcgeown.com
or Send S.A.E. for printed catalogue
1 Newton Cottages,
nr Weobley HR4 8QX

Web Browser

RECREATION21
3D PRINTED MODELS
ORDER ONLINE
Various Scales
Gauge 1,0,S
00,HO,TT,N
009,016.5
SM32,G
and more
www.rue-d-etropal.com

Models Wanted

Tri-angman
specialist in model railways
Tri-ang, Hornby, Wrenn, Minic etc...
buy, sell and repair hard to find items and collectables
Find me on www.tri-angman.co.uk or contact
Tel 07966 333605
laurence@tri-angman.co.uk

Online Shops

Tri ang Collector
Dave ANGELL
07968 975867
Supplier & Collector of Vintage Trains
Primarily, but not exclusively, made by Triang.
www.daveangelltrains.co.uk
dave@daveangell.co.uk
07968 975867

roxeymouldings.co.uk
Loco, Coach & Wagon Kits
Fittings & Accessories
Wheels / Motors & Gears
in 00 and 0
Tel: 01932 245439
Roxey Mouldings

Model Scenery Supplies
Uk leading online model scenery shop
Supplying all your scenic items



Search for;
www.modelscenerysupplies.co.uk

Please mention Model Railway when responding to our advertisers

Online Shops

Howard Scenic Supplies
See our range of hand made model scenery






www.howardscenicsupplies.co.uk

Dealer Directory

Bedfordshire

AGR MODEL RAILWAY STORE
Order Online today
www.agrmodelrailwaystore.co.uk
AGR Model Railway Store Ltd
9 High Street Mews, 28 High Street,
Leighton Buzzard, Bedfordshire LU7 1EA
01525 854788
sales@agrmodelrailwaystore.co.uk
Monday - Closed (appointments only)
Tuesday to Saturday - 10am to 3pm
Sunday - Closed
NOW buying your unwanted model railway collections

Buckinghamshire

P & D MARSH MODELS

PAINTED OO GAUGE		PAINTED N GAUGE	
PDZ07 Postman, bike & postbox	£9.20	PDX52 Bikes (4)	£8.50
PDZ29 Fisherman	£6.90	PDX28 Bedford coal lorry	£14.25
PDZ19 Loco crew (2) steam	£9.50	PDX66 coalmen & scales	£8.85
PDZ43 Period traffic light	£7.20	PDX67 Window cleaners	£8.85
PDZ18 Platform detail set	£9.20	PDX61 Bus stop & shelter	£7.75
PDZ37 Belisha/bus stop/post	£8.70	PDX81 Cast iron Gents loo	£12.00
PDZ42 Newspaper seller	£7.90	PDX85 Sheep	£7.05
PDZ41 1970/80 Firecrew/hoses	£11.00	PDX87 K6 phone box	£6.85
PDZ103 1950 motorbike/rider	£840	PDX331 LNER home signal	£8.75
PDZ52 Scarecrow	£6.35	PDX334r RH junction signal	£16.75
PDZ53 Milkman with cart	£8.70	PDX361 Ground signals (5)	£8.40

AVAILABLE FROM ALL GOOD MODEL SHOPS
DISTRIBUTED BY EXPO TOOLS & DRILLS
WWW.PDMARSHMODELS.COM 07730 202270

Cleveland

REDCAR MODELS & HOBBIES
Most leading brands of "OO" gauge model railways & accessories.
Also Diecast, Plastic Kits, Woodland Scenics, K+S metal Centre etc
130 High St, Redcar, Cleveland, TS10 3DH.
Tel: 01642 494912
(Open Tuesday to Saturday)
sales@redcarmodels.co.uk

Cheshire

TRIDENT TRAINS
No10, The Craft Arcade,
Dagfields Craft Centre,
Crewe Road, Walgherton,
Nantwich, Cheshire. CW5 7LG
www.tridenttrains.co.uk 01270 842400
HORNBY • BACHMANN • DCC CONCEPTS • FARISH • DAPOL • PECO • LENZ
TRAIN TECH • GAUGEMASTER • METCALFE • RATIO & MUCH MORE

Dealer Directory

Cumbria & Lake District

Jacksons Models and Railways
Hornby, Bachmannm Graham Farish, Peco, Dapol, Gaugemaster, Javis, Plastics, Metals, Balsa, Corgi, Oxford Diecasts etc.
www.jacksonsmodels.co.uk
33 New Street, Wigton, Cumbria CA7 9AL
Telephone 01697 342557
TRUCKS • CARS • PLANT • KITS • PLANTS • MILITARY • RAILWAYS • BUSES

MODEL RAIL

Crafty Hobbies
South Cumbria's number one shop for model railways, crafts, and doll's houses.



www.craftyhobbies.co.uk
54 Cavendish Street,
Barrow-in-Furness,
T: 01229 820759

Essex

CHELMSFORD
JOHN DUTFIELD
Stockists of: HORNBY
• Peco • Bachmann • Lenz • Graham Farish • Wills • Ratio • Cavalex • Accurascale
and much more including secondhand
WARDS YARD, 133 SPRINGFIELD PARK ROAD, CHELMSFORD, ESSEX, CM2 6EE
01245 494455 Open 9-5.30 Mon, Tues, Thurs, Fri, Sat. Closed Weds & Sun.
Email: heatherwilkinson@btconnect.com Web: johndutfieldmodelrailways.co.uk

Hampshire

CHURCH STREET MODELS
New 00 & N gauge
Incl. Hornby, Bachmann, Dapol, Farish, Heljan, Oxford
Mon, Wed-Sat 09.30-17.00
Closed 17-19 June, 1-5 July
10A Church Street, Basingstoke, Hants RG21 7QE. 01256 358060
www.churchstreetmodels.co.uk

Isle Of Wight

Visiting the Isle of Wight?
Two floors of engines, wagons, coaches, buildings, scenery, electrics, figures, cars and much more!
N/OO9/HO/OO/On30/G
UPSTAIRS DOWNSTAIRS
Pier Street - Sandown - PO36 8JR
01983 406 616 - www.udiow.com

Kent

GRAVESEND MODEL CENTRE
ALL YOUR WARGAMING, MODELLING & RAILWAY NEEDS UNDER ONE ROOF
SHOP OPEN: Mon - Sat 9am till 4.30pm
• Sunday 10am till 4pm
15 The High Street, Gravesend, DA11 0BQ
E: gravesendmodelcentre@gmail.com
Tel: 01474 536531
Find us on Facebook
www.gravesendmodelcentre.co.uk

Leicestershire

SKYTREX
MODEL RAILWAYS
Building Kits and Scenic Accessories
www.skytrex.com
Tel: 01509213789
Email: sales@skytrex.com

TO ADVERTISE PLEASE CALL SARAH ON 01733 979458

KENT GARDEN RAILWAYS

Specialist suppliers of G scale and 16mm garden railways	Large stocks of 00 and N from all leading suppliers
LGB ◆ Accucraft	Hornby ◆ Bachmann
Bachmann	Farish
Piko ◆ Pola	Heljan
Roundhouse	Dapol
USA Trains, etc.	Rapido
	Woodland Scenics, etc.

American HO and N from leading suppliers
www.kgrmodels.com
68 High Street, St Mary Cray, Orpington, Kent BR5 3NH
Telephone: 01689 891668
Telephone, Web and Exhibition Sales only

North Yorkshire

MonkBar Model Shop
2 Goodramgate
York - YO1 7LQ
01904 659423
info@monkbarmodelshop.co.uk
OO, O & N Gauge Model Railways
Stockists of Hornby, Bachmann, Graham Farish, Peco, Dapol, Gaugemaster, Ratio, Wills, Woodland Scenics, Metcalfe, Oxford Diecast, Base Toys and many more
monkbarmodelshop.co.uk

Scotland

THE SPORTS MODEL SHOP
Traditional Model Shop with large range of OO and N gauge model railways
Plastruct, Glues, Scenics, Metals
66 High Street, Dingwall, IV15 9RY
Tel: 01349 862346
www.sportsandmodelshop.co.uk
Open Mon-Sat 9.15 - 17.00

Staffordshire

TUTBURY MODELS
COLLECTABLES 01283 814777 MODELS
5 Mill Mews, Tutbury,
Nr. Burton-upon-Trent DE13 9LU.
Available Now:
Bass/Worthington vent van £13.50 + £3.00 P & P (Can send up to 6)
Available Now:
6 Wheel Milk Tanker Nestle - OO Gauge £17.50 + £2.00 P & P
Available SOON:
6 Wheel Milk Tanker Nestle - O Gauge
Orders invited for the O Gauge.

THE HOBBY GOBLIN
54 Hamil Road, Burslem, Stoke-on-Trent ST6 1AU
New special commission 7-plank wagon in OO and O gauge: 'Sneyd, Burslem'
• Hornby • Bachmann • Peco • Dapol • Gaugemaster • Woodland Scenics • Plus much more!
OPEN: Tue, Weds, Fri 10-4; Thurs 10-5.30, Sat 10-2
T: 01782 818433/07973 478294
E: thehobbygoblin-uk@hotmail.com
www.thehobbygoblin.co.uk

Don't miss the next issue of MODEL RAIL on sale 7th July

Somerset

EAST SOMERSET MODELS
"Model Railway Specialist"
THE RAILWAY STATION, CRANMORE, SHEPTON MALLET, SOMERSET, BA4 4QP
We carry comprehensive stocks from the major manufacturers
Bachmann - Farish - Dapol - Heljan - Oxford Rail - Peco
We also hold a wide range of accessories, vehicles and scenic materials
Saturdays 10:30am-3:30pm and Sundays 11:00am-2:00pm
(Please check our Website/Facebook Page for latest opening times)
Telephone: 01749 880651 - www.esmodels.co.uk - Email: mail@esmodels.co.uk

Surrey

ROXLEY MODELS
Surrey's DCC Specialists
Telephone: *01372 452976*
Website: *www.roxleymodels.co.uk* **Email:** *enquiries@roxleymodels.co.uk*
Address: *4 Beckley Parade, Leatherhead Road, Great Bookham, Surrey, KT23 4RQ*
Opening Hours *(subject to Government Guidelines) Tues-Sat 9.30am-5.30pm – Click & Collect Mon-Sat 10am-5.30pm*

Suffolk

Orwell Model Railways
Ipswich Model Railway Centre
48-52 Tomline Road
Ipswich IP3 8DB
01473 724578
www.orwellmodelrailways.co.uk
Open
Mon-Fri 10:00 - 16:00
Wed 10:00 - 18:00
Sat 10:00 - 17:00

Tyne And Wear

Pooleys Puffers
Partnership: David and Anne Poole



Model Railway Supplies,
New & Second Hand Bought & Sold
Diecast Models, kits & accessories
Tel: 0191 4910202/4106386
Mobile: 07976 519178
www.pooleyspuffers.com
email:pooleyspuffers@btopenworld.com
382a Jedburgh Court, Team Valley Trading Estate, Gateshead, Tyne & Wear NE11 0BQ
Mon – Sat 10am – 4pm
Sunday & Bank Holidays: CLOSED

CONTACT US

Media House, Lynchwood, Peterborough Business Park, Peterborough PE2 6EA
E-mail: *modelrail@bauermedia.co.uk*

EDITORIAL

Telephone: 01733 468000
Editor: George Dent
Consultant Editor: Chris Leigh
Staff Writer: Chris Gadsby
Model Consultant: Dave Lowery
Editorial Assistant: Samantha Toombs
Art Editor: Matthew Hunt
Production Editor: Shane Collins
Sub Editor: Richard Hampson
Photography: Jacques Portal, Chris Nevard, George Dent
Artist: Andrew Mackintosh

PRODUCTION

Telephone: 01733 468377
Print Production Manager: Richard Woolley
Advertising Production: Zoe Bellamy
Printed by: Wyndeham, Walstead, Bicester, Chaucer Business Park, Launton Road, Bicester, Oxon OX26 4QZ

ADVERTISING

Telesales Account Manager
Sarah Charity 01733 366350
Group Sales Manager
Lucy Scott 01733 366362

MARKETING

Telephone: 01733 468000
Marketing Manager: Susan Rogers
Product Marketing Manager: Naivette Bluff
Head of Newstrade: Leon Benoiton
Newstrade Marketing Manager: Karen Caruso

SUBSCRIPTIONS & BACK ISSUES

To contact us about subscriptions orders, renewals, missing issues or any other subscription queries, please e-mail *bauer@subscription.co.uk* or call our UK number on 01858 438884. If you're outside the UK, call +44 1858 438884. To manage your account online, visit *www.greatmagazines.co.uk/solo* To order back issues, please call our UK number on 01858 438884. If you're outside the UK, call +44 1858 438884.
For binders call 01733 840111

H BAUER PUBLISHING

Managing director: Steve Prentice
Editorial director: June Smith-Sheppard
Digital managing director: Charlie Calton-Watson
Chief financial officer Bauer Magazine Media: Lisa Hayden
CEO, Bauer Publishing UK: Chris Duncan

Syndication e-mail address: *syndication@bauermedia.co.uk*

From January-December 2021 *Model Rail* sold an average of 20,945 copies per issue, as independently confirmed by the Audit Bureau of Circulations (ABC).

Model Rail magazine is published 13 times per year by H Bauer Publishing, registered in England and Wales with company number LP003328, registered address Media House, Peterborough Business Park, Lynchwood, Peterborough, PE2 6EA.

COMPLAINTS: H Bauer Publishing is a member of the Independent Press Standards Organisation (*www.ipso.co.uk*) and endeavours to respond to and resolve your concerns quickly. Our Editorial Complaints Policy (including full details of how to contact us about editorial complaints and IPSO's contact details) can be found at *www.bauermediacomplaints.co.uk*

No part of the magazine may be reproduced in any form in whole or in part, without the prior permission of H Bauer Publishing. All material published remains the copyright of H Bauer Publishing and we reserve the right to copy or edit any material submitted to the magazine without further consent. The submission of material (manuscripts or images etc) to H Bauer Publishing, whether unsolicited or requested, is taken as permission to publish that material in the magazine, on the associated website, any apps or social media pages affiliated to the magazine, and any editions of the magazine published by our licensees elsewhere in the world.

By submitting any material to us you are confirming that the material is your own original work or that you have permission from the copyright owner to use the material and to authorise Bauer to use it as described in this paragraph. You also promise that you have permission from anyone featured or referred to in the submitted material to it being used by H Bauer Publishing. If H Bauer Publishing receives a claim from a copyright owner or a person featured in any material you have sent us, we will inform that person that you have granted us permission to use the relevant material and you will be responsible for paying any amounts due to the copyright owner or featured person and/or for reimbursing H Bauer Publishing for any losses it has suffered as a result. Please note, we accept no responsibility for unsolicited material which is lost or damaged in the post and we do not promise that we will be able to return any material. Finally, whilst we try to ensure accuracy of your material when we publish it, we cannot promise to do so. We do not accept any responsibility for any loss or damage, however caused, resulting from use of the material.

● H Bauer Publishing is authorised and regulated by the FCA (Ref No. 845898) VAT No. 918 5617 01

● H Bauer Publishing is a company registered in England and Wales with company number LP003328, registered address Academic House, 24-28 Oval Road, London, NW1 7DT

Model Rail, ISSN 1369-5118 (USPS 8710) is published every four weeks by H Bauer Publishing Ltd, Media House, Peterborough Business Park, Lynch Wood, Peterborough, PE2 6EA, United Kingdom. The US annual subscription price is $101.79. Airfreight and mailing in the USA by agent named World Container Inc, 150-15, 183rd Street, Jamaica, NY 11413, USA. Periodicals postage paid at Brooklyn, NY 11256. US Postmaster: Send address changes to Model Rail, World Container Inc, 150-15, 183rd Street, Jamaica, NY 11413, USA. Subscription records are maintained at Bauer Media, Subscriptions, CDS Global, Tower House, Sovereign Park, Lathkill Street, Market Harborough, Leicester LE16 9EF, United Kingdom. Air Business Ltd is acting as our mailing agent.



COLOUR RAIL

Present your case

If there's a prototype that you think needs to be offered ready-to-run, here's the place to voice your opinion…

Model: LNER 'J17' 0-6-0

Scale: '00'

Proposed by: Eric Lynch

What is it?

In the early part of the 20th Century, Steven Holden of the Great Eastern Railway (GER) produced a new heavy freight locomotive, with greater power than previous designs, which would ultimately become the LNER Class J17 0-6-0. The classic GER design incorporated cylinder and boiler arrangements from the recently introduced 'Claude Hamilton' 4-4-0s and was provided with the GER large tender.

The locomotives proved highly successful and, following trials, more were built, with the class eventually totalling 90 examples. All were fitted with Belpaire boilers, either from new or during modification works. Later, they were converted to superheating and remained virtually unaltered for the next 40 years.

In the 1930s, increasing train loads displaced the engines from GE heavy freight duties, but they proved to be versatile and popular when redeployed. Although some of the engines spent time on other parts of the London & North Eastern Railway (LNER) network, including the former London, Tilbury & Southend and Great Northern sections, most remained in East Anglia working secondary freight and branch line passenger traffic. Eventually, all returned to the former GER section. Their duties frequently took them off GER metals as far as York and Manchester and to the Southern Railway, on cross-London freights.

After the Second World War, many of the engines were allocated to the ex-Midland & Great Northern lines where their versatility allowed them to work, effectively as mixed traffic engines, on freight and passenger trains, being particularly seen on, and adept with, heavy summer weekend vacation specials.

It was always a pleasure to see these engines in the late 1950s, with their distinctive tall chimneys and large square cabs, along with a few 'J15' and 'E4' cousins, the last GE section engines with these features. They were frequent visitors to the sorting yards at Goodmayes, or on the relief line at Ilford when held there during the rush hours with inter-yard goods trains. They were commonly on view at Stratford Depot and I can remember seeing these engines from the beach at Caister during childhood summer holidays too.

Withdrawals started in the mid-1950s, but most engines survived until late into that decade, with many surviving into the early 1960s. The last example, No. 65541, was finally withdrawn in September 1962.

What would make it viable?

Although mostly restricted to East Anglia, ex-GER engines appear to be very popular with modellers and have traditionally sold well, Hornby having success with its 'B12', 'D16', and 'J15' models. The 'J17' would make an interesting, versatile and, I'm sure, popular addition to this range and have the advantage that the tender has already been produced.

Can I see a real one?

One example, No. 65567, is preserved as part of the National Collection. Previously housed at the National Railway Museum, York, it currently resides at Barrow Hill Roundhouse and carries LNER livery, numbered 8217.

COLOUR RAIL



Have your say

Do you agree with Eric's argument? Join the debate on our Facebook page: *www.facebook.com/modelrail*

How to join in

Want to present your own case? Send us 400 words explaining your choice to *modelrail@bauermedia.co.uk*, putting 'Present Your Case' in the subject line.

Backscene



Chris Leigh offers meanderings we couldn't fit into the issue elsewhere, but which seemed terribly important at the time…

Some thanks are in order…

Model Rail No. 300 is only just reaching your doormats and shop shelves as I am writing this but your response is already gratifying. It really is good to know that you've enjoyed *Model Rail* so far. My sincere thanks for all your kind comments.

Model Rail has always been a team effort. In the early days, even before issue No. 1 in autumn 1997, Clive Nichols, Nigel Harris, Dave Lowery and I were the team who sat together, sometimes for hours, discussing questions that usually began "What do you think about…?" or, "Suppose we did…"



The team has changed and expanded in the past 25 years and it has been good to see the careers of Ben, Richard and George flourish as they took *Model Rail* forward as editors. I'm delighted to still be part of a top-notch team who are all such a pleasure to work with.

Wenlock – much inspiration

It's a real pleasure, even an honour, when the things that you do to please yourself influence others. It was a series of articles on the Wye Valley Railway by E.T. Rawlings, in early 1960s issues of *Model Railway Constructor* that sparked my interest in modelling GWR stations. Rawlings' models of Ross-on-Wye station were superb and inspirational. A picture of Much Wenlock station in *Trains Illustrated*, to mark the closure of the branch from Wellington and a visit to the by-now derelict station was the catalyst for a shelf layout – 'The Wenlock Edge Railway' – around my bedroom.

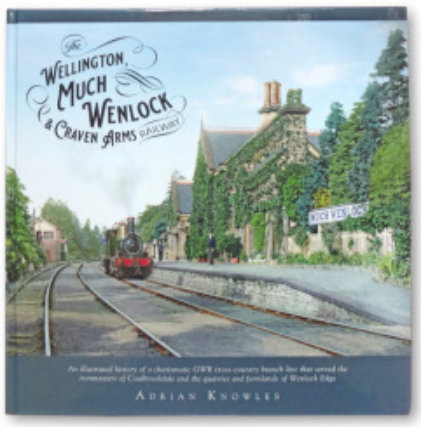
When an author takes the best part of 50 years to research his subject and write it up, it's a safe bet that the wait will be worthwhile. I first met Adrian Knowles in the late 1970s when he recognized that we shared a mutual interest in Much Wenlock. By that time my 'OO' layout was no more, but Adrian had seen it featured in *Model Railway Constructor* and I'm delighted to find that it inspired research that led to his splendid new history of the line.

This was a remarkable stretch of single-track railway that served the cradle of the industrial revolution, crossing the Severn Valley line at Buildwas, to Much Wenlock and on through some of the most thinly populated farmland of Shropshire. The railway was interesting, scenic, and featured buildings designed by Joseph Fogerty, whose stations were both functional and elegant. The book includes reproductions of a number of original drawings held by the BR Archive at Paddington.



It was a view similar to this which first sparked my interest in Much Wenlock station. CJL COLLECTION

Their reproduction in colour sets the book apart, as does the way that the story is brought right up to date with a picture of the demolition of the rail-served Ironbridge B power station as recently as September 2021. So many branch line histories cut the story short at the end of steam because the author or publisher is not interested in the period that many of us can actually remember. It is refreshing to find a volume that tells and illustrates the whole story.



Routine branch line histories tend to be out of favour with publishers these days as the generation that remembers the branch lines passes on. However, done well and thoroughly, as this one has been, they should have much wider appeal.

● *The Wellington, Much Wenlock & Craven Arms Railway* by Adrian Knowles,
ISBN: 9781911038993 (hardback, 283mm by 283mm, 308pp)
Black Dwarf Lightmoor Publications Ltd, Unit 144B, Lydney Trading Estate, Harbour Road, Lydney, Gloucestershire GL15 5EJ
Web: *https/lightmoor.co.uk*
Price: £50

How long should a model last?

Following on from my mazak rot problems with the Hornby 'T9' 4-4-0s (MR299) I had another nasty surprise recently. I picked up a caboose which has been on the Canadian 'HO' layout for about six years but spent much of that time standing in a siding.

When I picked it up, both wheelsets fell out of one truck (bogie). The wheelsets run in metal sideframes with a cosmetic plastic overlay providing the detail. The metal and plastic components of the bogie had distorted, allowing the wheelsets to fall out. It was not a big job to bend the metal frames back into place and refit the wheels, but in doing so I managed to break off both the stovepipe chimneys. The plastic had become hard and brittle.

I had noticed this phenomenon of brittle plastic with my forest of Woodland Scenics fir trees. These are made from a very soft, flexible plastic but it evidently hardens and becomes brittle with age.

Many of my models lie in their boxes, on shelves, for long periods. I have some that probably haven't turned a wheel in ten years. In that time, of course, lubricants can dry out and grease solidify, so it is reasonable to expect to do a little 'fettling' before running a model that has been in prolonged storage. That, however, is rather different from the deterioration of structural or mechanical parts. Do I need to modify my expectations?

I went in search of my oldest model, before setting out to test a random sample of items off my shelf. I think the oldest items of rolling stock that I possess are some Hornby-Dublo wagons from the 1960s. While I don't expect modern plastic products to be as durable as the old Hornby-Dublo cast metal models, I have always assumed that my family would be able to sell my collection when I'm gone.

They would have little idea how to check that a model was complete and working satisfactorily or to decide whether an item is priceless or value-less. A huge amount of equipment is now offered second-hand following disposal by executors. I wonder how much is actually in working order and, to what extent, the buyer takes pot-luck?



Among the oldest models I possess are some Hornby-Dublo wagons, a set of maroon super-detail coaches and a rake of Pullman cars.

Selling your model railway

Warwick and Warwick have an expanding requirement for early to modern collections of British and Foreign trains and train sets from large accumulations to items of individual value. Our customer base is increasing dramatically and we need an ever larger supply of quality material to keep pace with demand. The market has never been stronger and if you are considering the sale of your collection, now is the time to act.





FREE VALUATIONS - We will provide a free, professional valuation of your collection, without obligation on your part to proceed. Either we will make you a fair, binding private treaty offer, or we will recommend inclusion of your property in our next public auction.

FREE TRANSPORTATION - We can arrange insured transportation of your collection to our Warwick offices completely free of charge. If you decline our offer, we ask you to cover the return carriage costs only.

FREE VISITS - Visits by our valuers are possible anywhere in the country or abroad, in order to assess more valuable collections. Please phone for details.

ADVISORY DAY TOWNS - **We are holding advisory days in all areas of the United Kingdom, please visit our website or telephone for details.**

EXCELLENT PRICES - Because of the strength of our customer base we are in a position to offer prices that we feel sure will exceed your expectations.

ACT NOW - Telephone or email Richard Beale today with details of your property.



Get the experts on your side!

Warwick&Warwick
AUCTIONEERS AND VALUERS
www.warwickandwarwick.com

Warwick & Warwick Ltd., Chalon House, Scar Bank, Millers Road, Warwick CV34 5DB England

Tel: (01926) 499031 • Fax: (01926) 491906
Email: richard.beale@warwickandwarwick.com



MODEL RAILWAYS - SLOT CARS - PLASTIC KITS/WARGAMING - DIECAST/COLLECTABLES

FREE POSTAGE on orders over £25.00

EXPRESS DELIVERY available £6.95

FREE EXPRESS DELIVERY on orders over £100.00

Up to 10% off RRP on popular brands

Probably the Best Stocked Shop in the UK:

120 Ranges

20,000 Products in Stock

Over 50,000 Products Listed from around the world

Got Amazon Vouchers? All of our products are listed on Amazon.co.uk

bit.ly/gaugemasteramazon

Prefer to pay by PayPal? We have an eBay shop as well!

bit.ly/gaugemasterebay

VISIT OUR STORE IN WEST SUSSEX



Our 2000sq.ft. store is right next to Ford Railway Station, near the town of Arundel. If you're coming by car we have on-site free parking.

OPENING TIMES

Mon - Sat:	**0900 - 1730**
Sundays & Bank Holidays:	**1030 - 1530**

GAUGEMASTER Controls Ltd, Ford Road, Arundel, West Sussex, BN18 0BN, United Kingdom
E&OE tel - 01903 884488 fax - 01903 884377 email - sales@gaugemaster.com

www.gaugemaster.com

GAUGEMASTER