EXCLUSIVE
ACCURASCALE 'MANOR' FOR '00'



CLOSING DATE 25/3/2021

WIN HORNBY ENGINES
WORTH £280



HORNBY magazine

Issue 165 **March 2021** USA $13.99 · CAD $15.99 · AUS $14.99 **UK £4.99**

FIRST REVIEWS

REVOLUTION CLASS 92



Is this the best 'N' gauge model we've seen yet?

WE SHOW YOU HOW

BACK TO BASICS



EXPERT TIPS: Discover how to weather 'OO' wagons in simple steps

3D 'J69' BUILD



FIRST KIT: Add variety to your fleet with this 3D printed GER 0-6-0T

Main line LANDSCAPE

Topley Dale – can our mammoth project layout *ever* be really finished?

INSPIRATIONAL LAYOUTS

PEAKS '47
Reviving the final year of the LMS in 'OO'

DUNGENESS
Modelling a branch line terminus in 'N' gauge

LATEST NEWS

- Hornby 'OO' 88DS first look
- Bachmann reveals Bulleids
- KR Models latest projects
- Heljan 'OO' Class 47 debuts

03 KEY

HORNBY®

4 & 6 Wheel Coaches

The new Hornby generic four and six wheel coaches are available in a variety of pre and post grouping liveries, including several in British Railways maroon.

www.facebook.com /officialhornby

www.twitter.com /hornby

www.instagram.com /officialhornby

www.youtube.com /HornbyModelRailways

For more information please visit your local Hornby stockist or go to: www.hornby.com

The Hornby generic four and six wheel coaches are ideal for those who wish to operate a branch line, this wide selection of coaching stock boasts many features including authentic liveries, precision and detailed livery application, fitted and painted interiors, running boards for consumer application if desired, separately fitted chassis elements, characteristic wheel profiles, metal buffers, plus NEM couplings.

With each coach being currently available with and without the new Maglights system, there maybe those who may later wish to retro fit Maglights into either the four and six wheel coaches. For this the fitting could not be easier as the bodies simply unclip, with the installation of the lighting unit being equally straightforward and simple, especially as there is no extra wiring and no pick ups required from the wheels.



R40111 GWR, 4 Wheel Coach, 1st Class
R40112/A GWR, 4 Wheel Coach, 3rd Class
R40114 GWR, 4 Wheel Coach, Brake 3rd Class
R40065 GWR, 4 Wheel Coach, 1st Class
R40066/A GWR, 4 Wheel Coach, 3rd Class
R40067 GWR, 4 Wheel Coach, Brake 3rd Class
R40068 GWR, 4 Wheel Coach, Brake Baggage



R40115 LB&SCR, 4 Wheel Coach, 1st Class
R40116/A LB&SCR, 4 Wheel Coach, 3rd Class
R40118 LB&SCR, 4 Wheel Coach, Brake 3rd Class
R40069 LB&SCR, 4 Wheel Coach, 1st Class
R40070/A LB&SCR, 4 Wheel Coach, 3rd Class
R40071 LB&SCR, 4 Wheel Coach, Brake 3rd Class
R40072 LB&SCR, 4 Wheel Coach, Brake Baggage



R40103 GNR, 4 Wheel Coach, 1st Class
R40104/A GNR, 4 Wheel Coach, 1st Class
R40106 GNR, 4 Wheel Coach, 3rd Class
R40057 GNR, 4 Wheel Coach, 1st Class
R40058/A GNR, 4 Wheel Coach, 3rd Class
R40059 GNR, 4 Wheel Coach, Brake 3rd Class
R40060 GNR, 4 Wheel Coach, Brake Baggage
R40092 GNR, 4 Wheel Coach, Brake 3rd Class



R40107 L&SWR, 4 Wheel Coach, 1st Class
R40108/A L&SWR, 4 Wheel Coach, 3rd Class
R40110 L&SWR, 4 Wheel Coach, Brake 3rd Class
R40061 L&SWR, 4 Wheel Coach, 1st Class
R40062/A L&SWR, 4 Wheel Coach, 3rd Class
R40063 L&SWR, 4 Wheel Coach, Brake 3rd Class
R40064 L&SWR, 4 Wheel Coach, Brake Baggage



R40123 BR, 6 Wheel Coach, 1st Class
R40124/A BR, 6 Wheel Coach, 3rd Class
R40126 BR, 6 Wheel Coach, Brake 3rd Class
R40077 BR, 6 Wheel Coach, 1st Class
R40078/A BR, 6 Wheel Coach, 3rd Class
R40079 BR, 6 Wheel Coach, Brake 3rd Class
R40080 BR, 4 Wheel Coach, Brake Baggage



R40131 SR, 6 Wheel Coach, 1st Class
R40132/A SR, 6 Wheel Coach, 3rd Class
R40134 SR, 6 Wheel Coach, Brake 3rd Class
R40085 SR, 6 Wheel Coach, 1st Class
R40086/A SR, 6 Wheel Coach, 3rd Class
R40087 SR, 6 Wheel Coach, Brake 3rd Class
R40088 SR, 4 Wheel Coach, Brake Baggage



R40119 LNWR, 6 Wheel Coach, 1st Class
R40120/A LNWR, 6 Wheel Coach, 3rd Class
R40122 LNWR, 6 Wheel Coach, Brake 3rd Class
R40073 LNWR, 6 Wheel Coach, 1st Class
R40074/A LNWR, 6 Wheel Coach, 3rd Class
R40075 LNWR, 6 Wheel Coach, Brake 3rd Class
R40076 LNWR, 4 Wheel Coach, Brake Baggage



R40127 LNER, 6 Wheel Coach, 1st Class
R40128/A LNER, 6 Wheel Coach, 3rd Class
R40130 LNER, 6 Wheel Coach, Brake 3rd Class
R40081 LNER, 6 Wheel Coach, 1st Class
R40082/A LNER, 6 Wheel Coach, 3rd Class
R40083 LNER, 6 Wheel Coach, Brake 3rd Class
R40084 LNER, 4 Wheel Coach, Brake Baggage



R40136 NBR, 6 Wheel Coach, 3rd Class
R40137 NBR, 6 Wheel Coach, Composite
R40142 NBR, 6 Wheel Coach, Unclassed Brake
R40135 NBR, 6 Wheel Coach, 1st Class
R40089 NBR, 6 Wheel Coach, 1st Class
R40090 NBR, 6 Wheel Coach, 3rd Class
R40091 NBR, 6 Wheel Coach, Composite
R40093 NBR, 6 Wheel Coach, Unclassed Brake

All Hornby generic four and six wheel coaches are shown within the latest Hornby catalogue or please visit www.hornby.com



HORNBY magazine

March 2021

Editor: Mike Wild
Assistant Editor: Mark Chivers
Associate Editor: Richard Watson
Senior Designer: Steve Diggle
Sub-editor: Andrew Roden
Contributors: Evan Green-Hughes, Brian Stephenson, Tim Shackleton, Graham Gaches, Julia Scarlett, Trevor Jones, Mike Bisset, Sam Jones, Fred Garner, Malcolm Briggs and David White..

EDITORIAL ADDRESS
Hornby Magazine, Key Publishing,
PO Box 100, Stamford, Lincolnshire PE9 1XQ
Tel: 01780 755131
E-mail: hornbymagazine@keypublishing.com
Website: www.keymodelworld.com

ADVERTISING
Phone: 01780 755131
Head of Commercial Sales: Brodie Baxter
E-mail: brodie.baxter@keypublishing.com
Sales Executive: Alison Chater
E-mail: alison.chater@keypublishing.com
Sales Executive: Leanne Mawer
E-mail: leanne.mawer@keypublishing.com
Deputy Advertisement Production Manager: Kay Townsin
Email: kay.townsin@keypublishing.com
Advertising Production/Design: Becky Antoniades
E-mail: rebecca.antoniades@keypublishing.com

ADVERTISING ADDRESS
Hornby Magazine, Key Publishing Ltd,
PO Box 100, Stamford, Lincolnshire PE9 1XQ

SUBSCRIPTIONS/MAIL ORDER
PO Box 300, Stamford, Lincolnshire PE9 1NA, UK
Telephone: 01780 480404
E-mail: Subscriptions - subs@keypublishing.com
E-mail: Mail Order - orders@keypublishing.com
Having difficulty obtaining your copy of *Hornby Magazine?* Please contact the subscriptions team using the details above.

PUBLISHING
Head of Production: Janet Watkins
Head of Content: Hans Seeberg
Head of Design: Steve Donovan
Head of Advertising: Brodie Baxter
Head of Distance Selling: Martin Steele
Head of Publishing: Finbarr O'Reilly
Head of Finance: Carol Pereira
Chief Digital Officer: Vicky Macey
Chief Content & Commercial Officer: Mark Elliott
Publisher: Mark Elliott
Group CEO: Adrian Cox
Registered Office: Units 1-4, Gwash Way Industrial Estate, Ryhall Road, Stamford, Lincolnshire PE9 1XP

PRINTING
Printed at William Gibbons Ltd., Willenhall, UK.

DISTRIBUTION
Seymour Distribution Ltd., 2 Poultry Avenue, London EC1A 9PP

Hornby Magazine, ISSN 1753-2469 (USPS 22550), is published monthly by Key Publishing Ltd, PO Box 300, Stamford, Lincolnshire, PE9 1NA, UK.

The US annual subscription price is $72.99. Airfreight and mailing in the USA by agent named World Container Inc., 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, USA. Periodicals postage paid at Brooklyn, NY 11256.

US Postmaster: Send address changes to *Hornby Magazine*, WN Shipping USA, 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, USA

Subscription records are maintained at Key Publishing Ltd, PO Box 300, Stamford, Lincolnshire, PE9 1NA, UK. Air Business Ltd is acting as our mailing agent.

© Key Publishing Ltd 2021

All rights reserved. No part of this magazine may be reproduced or transmitted in any form by any means, electronic or mechanical, including photocopying, recording or by any information storage and retrieval system, without prior permission in writing from the copyright owner. Multiple copying of the contents of the magazine without prior written approval is not permitted.

Material sent to the Editor, whether commissioned or freely submitted, is provided at the contributor's own risk; Key Publishing Ltd cannot be held responsible for loss or damage howsoever caused.

The opinions and views expressed by authors and contributors within *Hornby Magazine* are not necessarily those of the Editor or Key Publishing.

We are unable to guarantee the bona fides of any of our advertisers. Readers are strongly recommended to take their own precautions before parting with any information or item of value, including, but not limited to, money, manuscripts, photographs or personal information in response to any advertisements within this publication.

HORNBY is a registered trade mark of Hornby Hobbies Limited and is used under licence.

Audit Bureau of Circulation 25,636 newsstand and digital sales.

***Hornby Magazine* is published on the first Thursday of each month preceeding the cover date.**

ISSUE 165

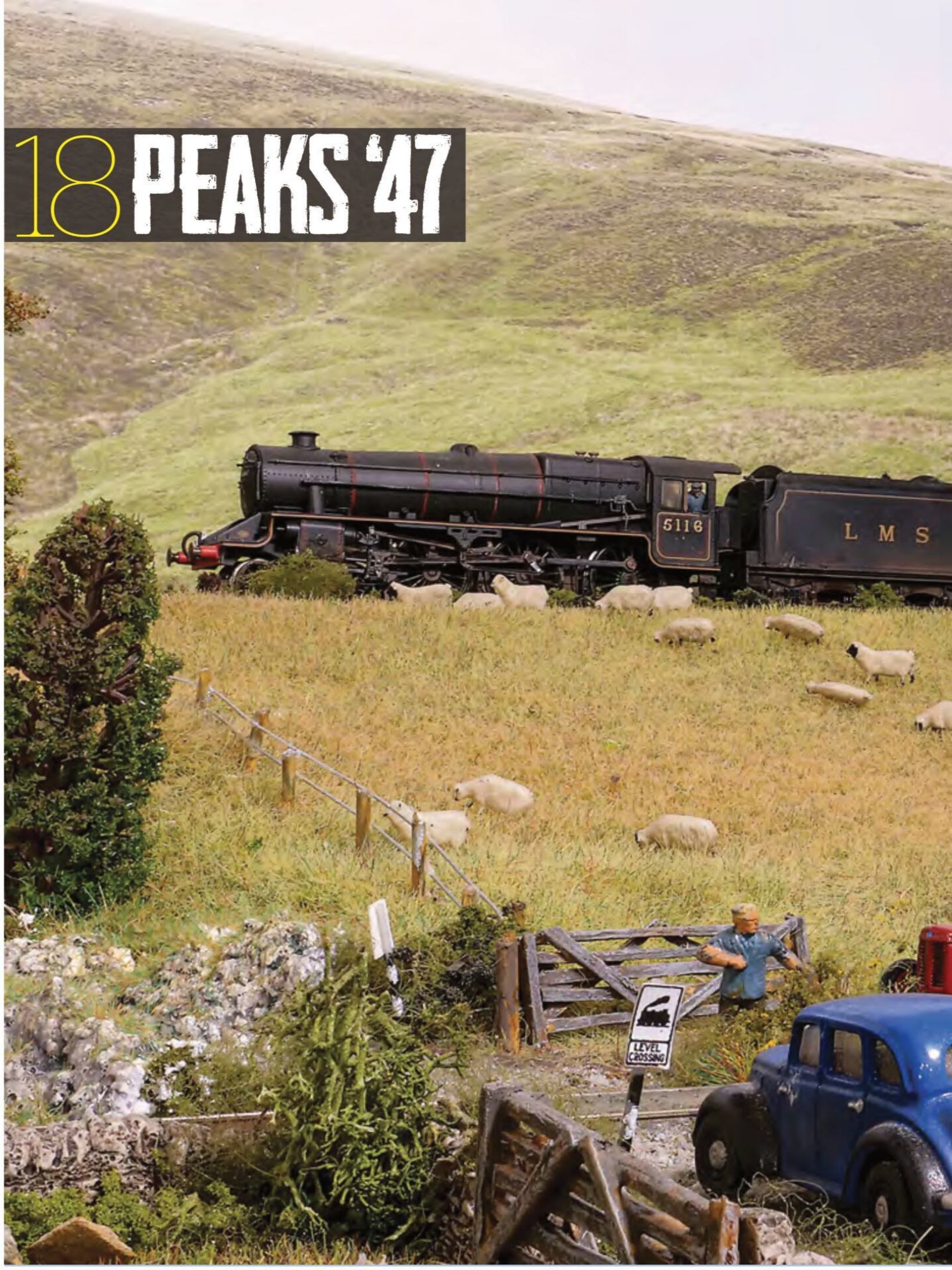
ISSN 1753-2469

HORNBY magazine

LATEST OFFERS

See pages 16-17 for full details.

18 PEAKS '47



WE SHOW YOU HOW!

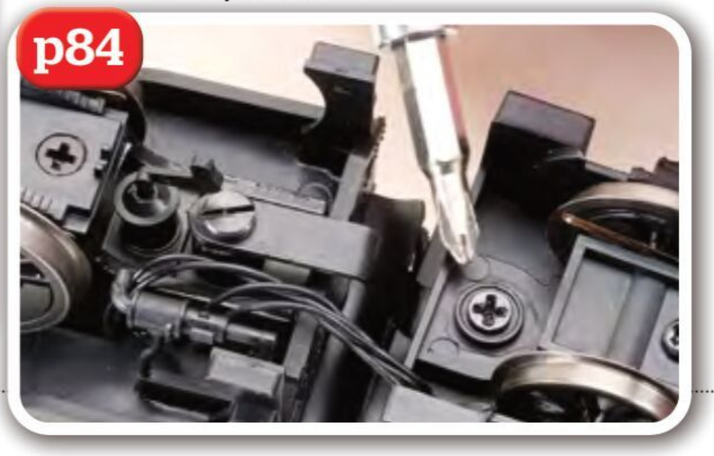
28 **WEATHERING**
Tim Shackleton goes Nuclear this issue as he demonstrates simple techniques for weathering these distinctive short trains.

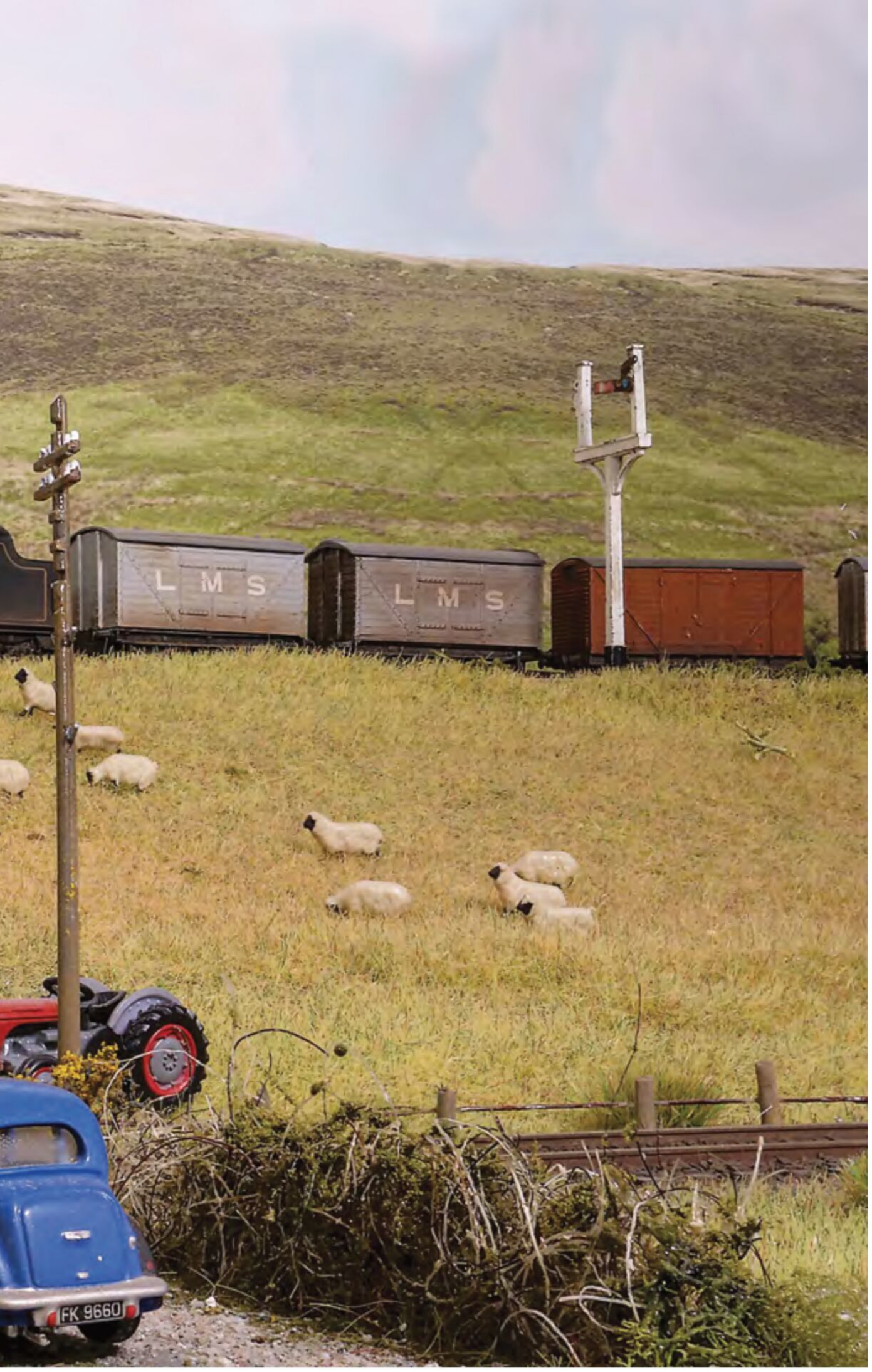
32 **WORKBENCH**
Trevor Jones adds new character to his Great Eastern fleet as he creates a 'J69' 0-6-0T combining CDC Design's 'OO' 3D printed body and a ready-to-run chassis.

84 **DIGITAL CONTROL**
Mike Wild upgrades Hornby's 'OO' Stanier '8F' 2-8-0 with digital sound, stay-alive, firebox flicker and footplate crew.









KEY STORE FINDER
To find a stockist near you, visit www.hornbymagazine.com

What's inside

7 **EDITORIAL**
Mike Wild introduces the latest issue of *Hornby Magazine*.

8 **UPDATE**
Hornby reveals decorated samples for one of its new 2021 releases, Accurascale launches its first 'OO' steam locomotive and a new wagon, Heljan updates its current projects and much more, plus you could win Hornby 'OO' freight locomotives worth £280 in our exclusive competition.

18 **PEAKS '47**
Sam Jones takes us on a tour of his 'OO' gauge layout set in the Peak District in the final year of LMS operation.



40 **DUNGENESS**
Fred Garner explains how he developed his diminutive 'N' gauge exhibition layout, combining various aspects of the location's history.

46 **NORTH CORNWALL BREWERY, PART TWO**
In this second visit, Malcolm Briggs shares the novel approach he adopted when constructing his outstanding new 'OO' gauge exhibition layout.

60 **REALITY CHECK**
With Bachmann's 'sealed beam' Class 45/0 for 'OO' now on general release, Evan Green-Hughes recalls the final years of these powerful 1Co-Co1 diesels.

90 **THANECROFT JUNCTION**
As is often the case, this home-based layout was never planned, starting out on a large windowsill and growing from there, as David White reveals.

98 **RAILWAY REALISM**
Evan Green-Hughes looks at the transportation of spent nuclear material by rail, which is set to generate traffic for many years to come.

102 **STAFF PROJECTS**
Mike Wild adds the finishing touches to the new quarry scene on *Hornby Magazine's* 'OO' gauge layout, Topley Dale, to stunning effect.

FIRST REVIEWS

56 **Bachmann 'sealed beam' 45/0 for 'OO'**
64 **Hornby 'OO' BR Mk 1 Restaurant Buffet**
68 **Revolution Trains' Class 92 electric for 'N'**
72 **Flangeway 'Salmon' rail carrier for 'OO'**





ALSO REVIEWED

The latest releases from Brimal Components, DCC Concepts, HobbyTrax, Legacy Models, Pacific Models and Rails of Sheffield for model railways and books from Crecy, Key Publishing, Pen and Sword and more.

BEAT THE WINTER BLUES WITH A SLW CLASS 24!

HORNBY MAGAZINE says: ***"This is the most authentic scale model of the Class 24 (BR Sulzer Type 2) loco there has ever been ...unsurpassed in presentation, detail, performance and sound operation... Its fidelity is simply unrivalled"*** *Mike Wild (HM158)*



Illustration shows detail pack fitted and number transfers (not supplied) plus minor detail changes and painting.

NEW RELEASE: BRITISH RAIL CORPORATE BLUE (UN-NUMBERED)

Our museum-quality, 4mm scale, ready-to-run locomotive has met with widespread acclaim. Join the ever growing band of delighted modellers by choosing from our remaining releases covering the most popular liveries. But hurry... they are going fast and could quickly join our lengthening list of sell outs. These latest versions including better glazing, finer wipers, enhanced sound features and our 'signature' grease-marked sprung buffers. Available with our incredible twin-speaker DCC sound system and 'stay-alive' or as standard DC. You will not be disappointed. Don't take our word for it!

Read the magazine reviews, ask our many satisfied customers, ring us to discuss... or just make your own appraisal.



Above: Cat No. 2409U:
BR Blue (un-numbered)
Corporate British Rail livery as applied by the Scottish Region in the 1970s. Plated over communicating doors. Un-numbered ready for individual personalisation.

Left: Cat No. 2408A:
D 5083 BR Green
(with small yellow panels)
The standard 1960s livery. Includes free photo-etched stainless steel 'CONDOR' freight train headboard.

facebook
Search: @suttonslocoworks

YouTube
Search: 'SLW Class 24'

SLW is proud to be 100% British owned

SUTTON'S LOCOMOTIVE WORKSHOP · SLW · KING'S CLIFFE, ENGLAND ·

Call us on 01780 470086 or visit www.sulzertype2.com

THE EDITOR'S PAGE

Welcome



MODEL RAILWAYS are about escapism and they have never been more important to us than they are right now with the current lockdown.

For me it has presented the opportunity to move forward with modelling projects that, in any other year, would most likely have taken twice as long to complete. Topley Dale has been a case in point and I talk about that in more detail in the Staff Projects section of this issue - plus you can watch the latest developments on video in our monthly *Hornby Magazine* Show which goes live on YouTube at 8pm on February 5.

The other postive about recent events is the rising interest in our hobby. Hornby has reported strong sales and that message has been confirmed by retailers and manufacturers large and small across the board. Hobbies are back - back in a big way.

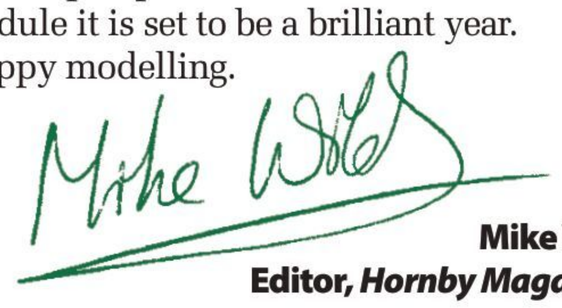
That message is further cemented by the continuing new announcement and product development stories that fill our news pages. This issue sees a significant announcement from Accurascale - its first ready-to-run steam locomotive - and we have been given exclusive access to go behind the scenes in the development process over the past 12 months to bring you in-depth coverage all about the new 'OO' 4-6-0. You can read the full news story first in this issue on pages 10-11 and watch our exclusive video online at *KeyModelWorld.com* now. Plus, we have more to come on the 'Manor' project and story in the near future.

Beyond that we have new samples from Heljan for 'OO' and 'O' gauge, a first look Hornby's Ruston 88DS 4wDM shunter, Bachmann's Bulleid coach prototypes and much more besides.

As always *Hornby Magazine* is full to the rafters with modelling content and we've aimed to bring together a collection of features which fulfil as many interests as possible ranging from Southern, Midland and Eastern steam to Irish modelling, modern wagons, the latest reviews and a range of scales and gauges too.

The model railway feast continues and with the prospect of 2021's new release schedule it is set to be a brilliant year.

Happy modelling.



Mike Wild
Editor, *Hornby Magazine*

IN YOUR MAGAZINE MARCH 2021

EXCLUSIVE

ACCURASCALE'S FIRST STEAM MODEL
The GWR 'Manor' 4-6-0 is Accurascale's first ready-to-run steam locomotive. Read the full story on pages 8-9.

FIRST REVIEWS

56 BACHMANN 'SEALED BEAM' 45
Revised 'Peaks' arrive for 'OO' gauge.

64 HORNBY BR MK 1 BUFFET
The latest addition to the 'OO' gauge British Railways Mk 1 carriage roster.

68 REVOLUTION CLASS 92
Could this be the best 'N' gauge ready-to-run locomotive we've seen yet?

72 FLANGEWAY 'SALMON' DEBUT
New engineering wagons for 'OO'.

WE SHOW YOU HOW

In this issue the *Hornby Magazine* team shows you how to weather nuclear traffic wagons for the modern railway, explores a 3D printed body kit for the 'J69' 0-6-0T, explores the construction of the North Cornwall Brewery (HM163) in detail and installs sound in the Hornby '8F'.



WIN!

Win a pair of Hornby heavy freight locomotives in our latest competition. Turn to page 10 now to find how a Crosti '9F' 2-10-0 and 'Q6' 0-8-0 in 'OO' could be yours by answering a simple question.

FEATURE LAYOUTS

18 PEAKS '47
Reviving the LMS at home in 'OO'

40 DUNGENESS
Modelling a branch terminus in 'N'

46 NORTH CORNWALL BREWERY
Exhibition layout construction

90 THANECROFT JUNCTION
Irish Railways modelled in 'OO'

102 TOPLEY DALE'S DIVERSION ROUTE
We complete the scenery on our test track, but is it actually finished?

LATEST NEWS

- Hornby Ruston 88DS sample first look
- Bachmann reveals its Bulleid carriages
- KR Models plans new projects for 'OO'
- Heljan debuts its Class 47 prototype

DISCOVER EXCLUSIVE ONLINE CONTENT

Make www.keymodelworld.com your new scale modelling destination!

Ruston and Hornsby 88DS DECORATED SAMPLES



DEVELOPMENT work on Hornby's new 'OO' gauge Ruston and Hornsby 88DS 0-4-0 4wDM shunter is progressing well with factory-decorated pre-production samples arriving for evaluation.



Four newly tooled models were announced as part of Hornby's 2021 range (HM164) with two appearing in industrial liveries as No. 4 in North British Distillery Company colours (Cat No. R3894), delivered to the Edinburgh distillery in 1958 and No. 3 in Rowntree and Company lined green (R3895), originally delivered to the famous sweet manufacturer in 1960. Hornby's model reflects the prototype following its naming *Ken Cooke* in 2016 at the Derwent Valley Light Railway.

The remaining two models are finished in BR colour schemes as North Eastern Region Departmental No. 84 in BR lined green with late crests (R3896), based at York from 1959 and BR blue 20 (R3897), delivered to the Signalling and Telecommunications Department's workshops at Reading in 1957, where it remained until withdrawn in 1981 (by then renumbered 97020).

Hornby's impressive tooling suite will cater for open and enclosed cabs, round or rectangular buffer options, separately fitted handrails, metal airhorns, flush glazing, with or without cosmetic bonnet top light and will also feature a three-pole skew-wound motor, 6-pin Digital Command Control (DCC) decoder socket, small tension lock couplings and more.

Priced at £93.99 each, the industrial liveried examples are expected to arrive later this Summer, while the BR liveried models are due in the Autumn.

COMPETITION

WIN A PAIR OF HORNBY FREIGHT LOCOS

WORTH £280





● **Visit *www.hornby.com* for more information.**

Hornby 2021 CATALOGUE AMENDMENTS



Hornby has made a small number of amendments to its 2021 catalogue range, including changes to the planned newly tooled 'OO' gauge BR Mk 4 carriages.

The manufacturer is altering the selection of BR InterCity and GNER liveried Mk 4 carriages to reflect the East Coast train formations in original pre-Mallard refurbishment condition when the Mk 4 catering vehicle was still First Class. As a result, the Mk 4 First Open with accessible toilet in both BR InterCity (Cat No. R40153) and GNER blue (R40164) have been removed from the range and the catering car will appear in First Class guise, redesignated Coach G (R40146/R40193 respectively). An additional BR Mk 4 Open Standard coach will be added in both colour schemes, designated Coach B (R40156C/R40166C). Coach letter designations for other affected vehicles in these liveries will be amended where necessary. LNER liveried Mk 4s remain unchanged, as they are in post-Mallard condition.

Hornby's planned Mk 4 carriages in Transport for Wales (TfW) livery have also been revised to better represent current four-car formations. Two prototypical four-car sets and two Mk 4 Driving Van Trailers with correct numbering are now planned.

Finally, the price for the GWR 'Terrier' train set (R3960) has been revised to £179.99.

● ***Visit www.hornby.com* for more information.**

What wheel arrangement is used for the LNER 'Q6'?

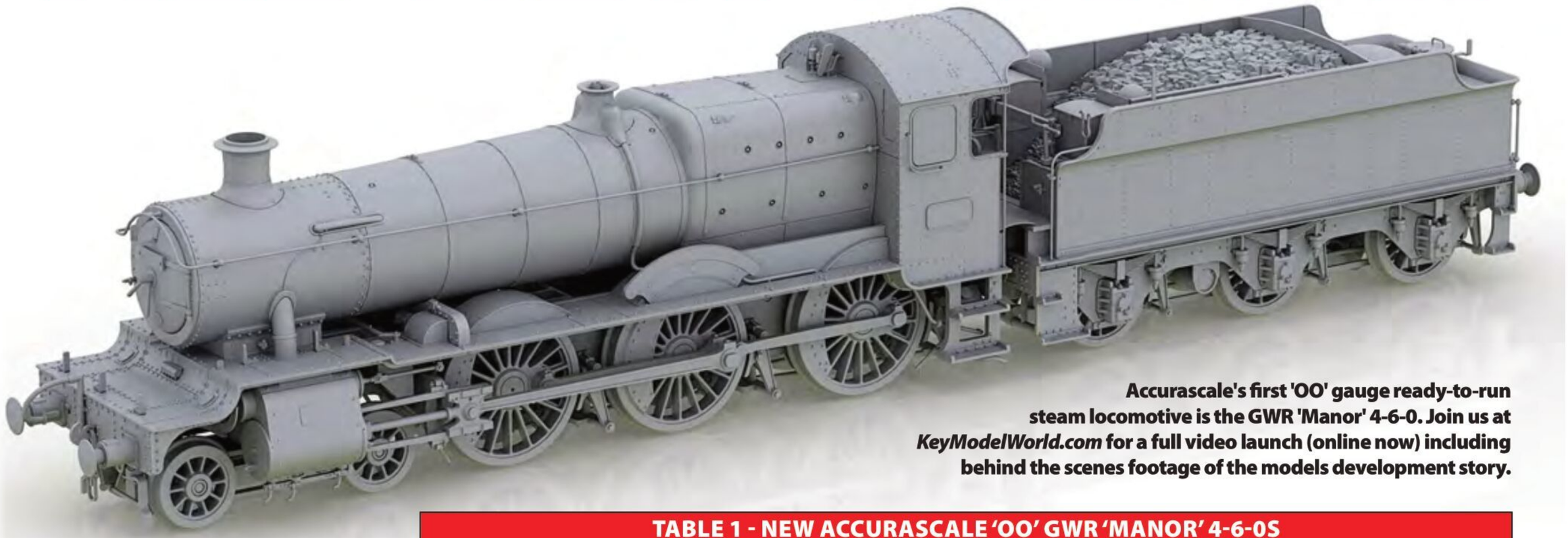
a. 0-8-0 **b.** 2-8-0 **c.** 0-8-2

HORNBY MAGAZINE is offering a chance to win a pair of Hornby heavy freight locomotives for 'OO' gauge – a Crosti '9F' 2-10-0 and a 'Q6' 0-8-0. Both are finished in BR black and feature powerful motors, 8-pin decoder sockets and space for a speaker. The total value of the prize is £280 and to enter the competition and be in with a chance of winning this pair of Hornby locomotives, all you have to do is answer the following question by March 25 2021. Even if you don't win, Hornby's Crosti '9F' and 'Q6' are available from *www.hornby.com* and its retailer network.

HOW TO ENTER

For your chance to win, simply visit *www.keymodelworld.com/hornby-magazine/competitions*, click the competition tab on the menu and fill in the online entry form. Online entries open at 9am on February 4 2021 and the closing date for entries is March 25 2021 at 5pm GMT. The winners will be notified no later than April 1 2021. There is no cash prize alternative and the Editor's decision is final. Competitions are not open to employees of Key Publishing, Hornby, their family members or anyone else professionally connected to the company. No purchase necessary.

EXCLUSIVE Accurascale reveals ALL-NEW 'MANOR'



Accurascale's first 'OO' gauge ready-to-run steam locomotive is the GWR 'Manor' 4-6-0. Join us at *KeyModelWorld.com* for a full video launch (online now) including behind the scenes footage of the models development story.

TABLE 1 - NEW ACCURASCALE 'OO' GWR 'MANOR' 4-6-0S

NUMBER	IDENTITY	LIVERY	CHIMNEY	TENDER BODY	HORNPLATES	ERA
7800	*Torquay Manor*	BR lined green with late crests	Redraughted	Rivetted	Narrow	5
7801	*Anthony Manor*	GWR plain green with monogram	Original	Flush	Narrow	3
7808	Cookham Manor	GWR plain green with monogram	As-preserved	Flush	Wide	7-11
7810	*Draycott Manor*	BR lined green with early crests	Redraughted	Rivetted	Wide	4
7812	*Erlestoke Manor*	BR lined green with late crests	Redraughted	Fush	Narrow	5
7814	*Fringford Manor*	BR unlined black with early crests	Original	Riveted	Wide	4
7818	*Granville Manor*	GWR plain green, GW	Original	Riveted	Narrow	3
7819	*Hinton Manor*	GWR plain green, GWR	Original	Flush	Narrow	3
7820	*Dinmore Manor*	BR lined black with early crests	Original	flush	Wide	4
7824	*Ilford Manor*	BR unlined black with large early crests	Redraughted	Flush	Narrow	4

ACCURASCALE has revealed that it is working on its first 'OO' gauge steam outline locomotive – a Great Western Railway (GWR) 'Manor' 4-6-0, with development work at an advanced stage as this issue of *Hornby Magazine* closed for press.

Introduced in the late 1930s, twenty of Collett's lightweight mixed traffic two-cylinder 4-6-0s were built at the GWR's Swindon Works as an alternative to the heavier 'Grange' 4-6-0s, with the first example appearing in early 1938. British Railways subsequently added a further ten locomotives in 1950, bringing the total to 30.

Whilst enjoying a widespread allocation through the years thanks to their wide route availability, they are probably best remembered for their use on the Cambrian route from the 1940s, working services to Aberystwyth and Pwllheli. They were also a popular choice for banking and pilot duties in the West Country and in BR days enjoyed allocations as widespread as Cardiff, Didcot, Penzance, Tyseley and the Cambrian sheds, with all members remaining in service until the early 1960s - the first withdrawal occurring in 1963. Nine are preserved.

Accurascale's new 'OO' gauge model has been in development for the past 18 months and has included surveys on four different locomotives, including Didcot Railway Centre's 7808 *Cookham Manor*, various GWR tenders at Tyseley Locomotive Works and combined with data from full sets of Works drawings from 1938 and 1952. *Hornby Magazine* was invited behind-the-scenes to witness the early stages of the project including photographic surveys and the 3D-scan at Didcot in 2019 and you can view our exclusive video content about the project at *www.keymodelworld.com* now.

With tooling on the 'Manor' now complete, ten different models are planned initially covering GWR and BR colour schemes (see Table 1, above) and given the detail differences between them, they could be regarded as bespoke 'one-off' models in their own rights.

The impressive specification includes a heavy die-cast metal chassis, running plate and body, three-pole motor with flywheel, sprung centre driving wheel, 21-pin Digital Command Control (DCC) decoder socket, detailed cab interior, a wealth of separately applied detailing and differences to the smokebox, chimney, buffer housings and more, according to the prototype. Each will be paired with a Churchward 3,500gallon tender with detail differences covering riveted or flush sides, three different styles of spring hanger, wide or narrow hornplates and more.

The new 'Manor' will also feature all-wheel pick-up and will be available in DCC ready or DCC sound-fitted forms, with a 21-pin MTC DCC decoder socket in the tender. Factory fitted sound models will feature three speakers – a cube in the smokebox and dual speakers in the tender – and a Powerpack capacitor for uninterrupted power and sound. Allied to this is firebox flicker, which will also synchronise to the onboard sounds.

Prices are set at £169.99 for DCC ready models and £259.99 for factory fitted DCC sound examples. Delivery is anticipated during the final quarter of 2021. Pre-orders are being accepted now at the website and official Accurascale stockists.

● **Visit *www.accurascale.co.uk* for more details.**



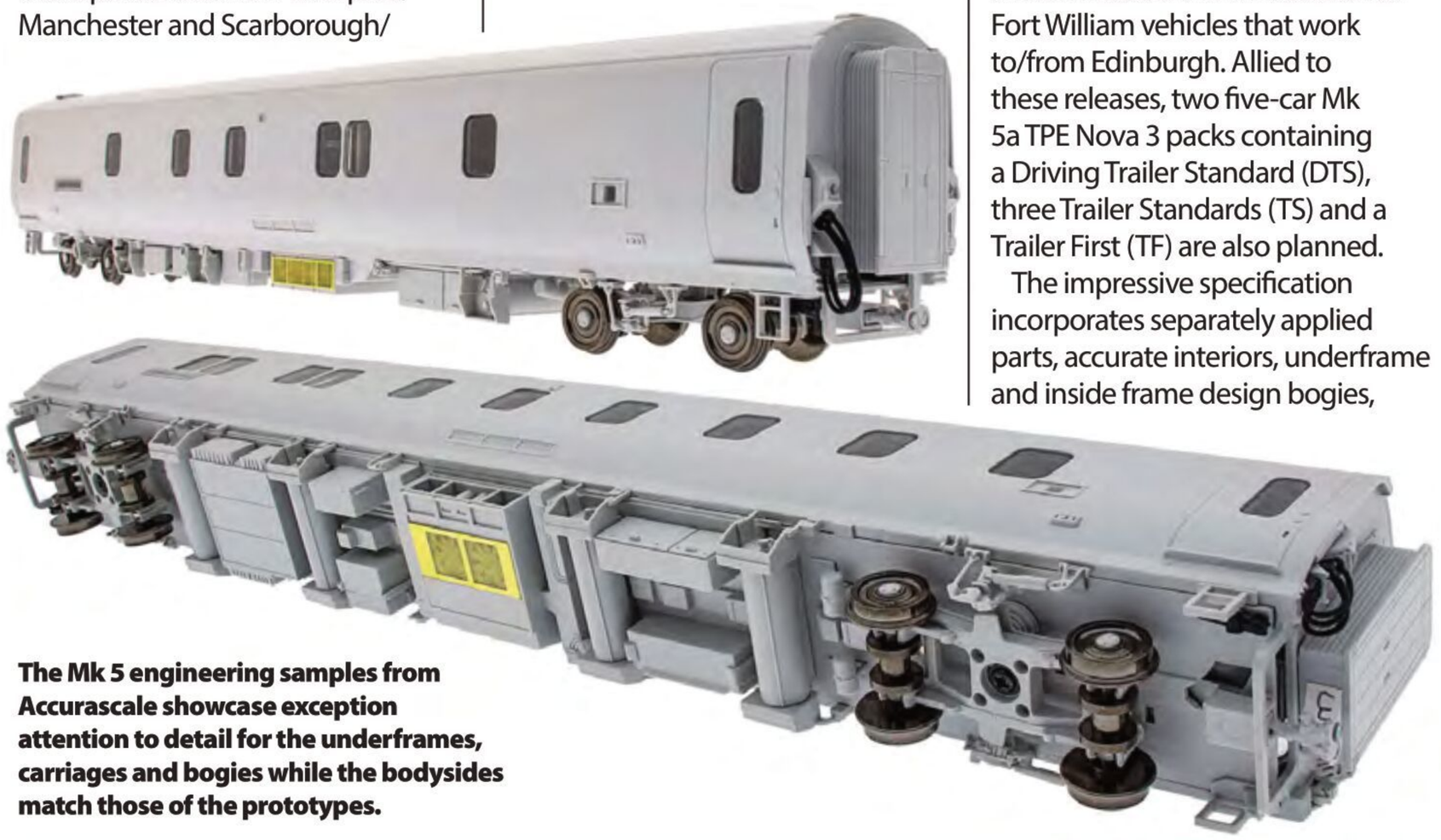
Detailing of the 'Manor' extends the underframe as well as the locomotive body. A comprehensive electrical package has also been drawn up for sound and stay alive.

First EPs for Accurascale's 'OO' Mk 5 carriages

Accurascale has taken delivery of the first Engineering Prototype (EP) samples of its forthcoming 'OO' gauge Mk 5 Caledonian Sleeper and Mk 5a TransPennine Express (TPE) carriages for evaluation by the project's development team.

First announced in February 2019, Accurascale's extensive tooling suite will cater for each of the four different Mk 5 sleeper vehicles which form the Anglo-Scottish Caledonian Sleeper sets – Sleeper Lounge/Sleeper Seated Brake/Accessible Sleeper/Sleeper - and the five-car push-pull TPE Mk 5a Nova 3 vehicles that operate between Liverpool/Manchester and Scarborough/Middlesbrough, hauled/propelled by a Class 68 diesel locomotive.





The Mk 5 engineering samples from Accurascale showcase exception attention to detail for the underframes, carriages and bogies while the bodysides match those of the prototypes.

Caledonian Sleeper coaches will appear across seven four-car packs and a single six-vehicle pack containing individually numbered carriages. In total, 34 Mk 5 sleeper coaches are planned covering Aberdeen, Fort William, Inverness, Edinburgh and Glasgow portions which includes the two additional Fort William vehicles that work to/from Edinburgh. Allied to these releases, two five-car Mk 5a TPE Nova 3 packs containing a Driving Trailer Standard (DTS), three Trailer Standards (TS) and a Trailer First (TF) are also planned.

The impressive specification incorporates separately applied parts, accurate interiors, underframe and inside frame design bogies, flush glazing, interior lighting with stay-alive capacitors, illuminated destination boards, switchable taillights, directional lighting (DTS) and more. The carriages' interior lighting will be activated using a magnetic wand, while a new magnetic close coupling system is in development. These will be compatible with existing NEM couplings and small tension locks will also be included for coupling to locomotives.

Following assessment by the design team, any adjustments will be attended to before the vehicles progress to the next stage of the production process.

Prices are set at £179.99 for four-car sleeper packs and £270 for the six-car Aberdeen portion pack. TPE five-car packs are priced at £225. Delivery is currently anticipated during the third quarter of this year.

● **Visit *www.accurascale.co.uk* for more information.**

Coil A for 'OO' next from Accurascale

Accurascale has unveiled its next 'OO' gauge wagon - a BR diagram 1/412 21ton four-wheel Coil A rolled strip steel wagon.

Developed in the early 1960s, these purpose-built vehicles first appeared on cold reduced coil steel traffic originating from John Summers and Sons' Hawarden Bridge Steelworks at Shotton. Utilising spare 21ft 6in long underframes originally intended for diagram 1/120 21ton mineral wagons, they featured a 16ft 'well' for transporting their cargo while a nylon hood supported by a framework of three movable bars, provided added protection. They remained in BR service until the early 1990s, when the final examples were scrapped in late 1992.

Developed alongside Accurascale's previously announced 'OO' gauge MDO/MDV 21ton mineral wagon (HM163), the Coil A is already at an advanced stage. Stand out features include the wood-lined well and movable hood bars with well-appointed underframe, separately applied parts, rivet detailing and more. The model will also feature a removable hood.



Following assessment by the development team, further adjustments will be required before the Coil A progresses to the next stage of the process, including amendments to the hood and definition of the rivet detail.

Three triple-packs of individually numbered wagons will be produced in both pre-TOPS and TOPS (KAV coded) identities to reflect their operation through the years. Prices are set at £74.95 per pack with delivery anticipated during the third quarter of 2021.

● **Visit *www.accurascale.co.uk* for more information.**

FIRST EP FOR HELJAN'S ALL-NEW 'OO' CLASS 47





HELJAN'S DEVELOPMENT team has taken delivery of the first hand-assembled engineering prototype (EP) sample of its newly tooled 'OO' gauge Class 47 Co-Co diesel.

This all new 'OO' gauge model will reflect the popular prototype's long-standing career and will incorporate detail differences across the sub-classes through the years such as roof, cab front, underframe and bufferbeam variations. The specification also includes all-wheel pick-up, 21-pin Digital Command Control (DCC) decoder socket, LED lights, controllable lighting functions, sprung buffers, separately fitted metal handrails, lamp irons and more.

Following assessment, several faults and areas for improvement on the hand-assembled sample will be addressed before the project progresses to the next stage.

Initial releases include D1526 in BR two-tone green with small yellow warning panels (Cat No. 4710), D1969 in BR two-tone green with full yellow ends (4711), 47137 in BR blue with glazed headcode panels (4712), 47316 in BR blue with plated headcode panels (4720), 47450 in BR large logo blue (4721), 47214 *Tinsley Traction Depot* in Railfreight grey (4722), 47125 *Tonnidae* in Railfreight Petroleum (4723), 47555 *The Commonwealth Spirit* in InterCity 'Executive' (4724), 47329 in BR Departmental general grey (4725) and 47575 in Parcels Sector red and grey (4726).

In addition, Gaugemaster has commissioned a series of special limited edition 'OO' gauge Class 47s as 47815 *Lost Boys 68-88* in Rail Operations Group livery (GM4240201), 47596 *Aldeburgh Festival* in revised Network SouthEast livery (GM4240202), 47501 *Craftsman* in Direct Rail Services colours (GM4240203), 47600 *Dewi Saint/Saint David* in Railfreight Distribution grey (GM4240204), 47492 *The Enterprising Scot* in InterCity ScotRail (GM4240205) and 47578 *Respected* in Rail Express Systems (RES) livery (GM4240206). Each of these special commissions will be available from Gaugemaster stockists.

Prices are set at £219.95 for standard releases and £229.95 for the Gaugemaster limited editions. A delivery date has yet to be confirmed.

● **Visit *www.facebook.com/heljanas* and *www.gaugemaster.com* for more information.**

HELJAN'S NEW 'O' GAUGE CLASS 26 GOES PUBLIC

Heljan has received the first engineering prototype (EP) sample of its forthcoming 'O' gauge Class 26 Bo-Bo (HM162), which has been hand-painted by Brian Daniels.

The sample models one of the class with headcode discs and tablet catchers, while two further body styles will be offered including examples without tablet catchers and in refurbished form without headcode discs. The models will also be offered with 'car headlights', as featured on the prototypes that worked north of Inverness to Wick, Thurso and Kyle of Lochalsh in the 1970s and 1980s.



Nine versions are planned, including three numbered examples as 5338 in early BR blue (Cat No. 2677), 26027 in weathered BR blue (2679) and 26025 in weathered BR Railfreight 'red stripe' livery with Eastfield logo (2683). The remaining six unnumbered models will appear in BR green with tablet catcher recess (2675), BR green with small yellow panels and tablet catcher recess (2676), BR blue with Inverness headlights (2678), BR blue with dual brakes (2680), BR Railfreight 'red stripe' with white cantrail stripe (2681) and BR 'Dutch' grey and yellow (2682).

Prices are set at £599 each, with delivery anticipated in late 2021.

● **Visit *www.facebook.com/heljanas* for more information.**

Heljan 'O' gauge BR Mk 2 samples surface

Heljan has taken delivery of the first engineering prototype (EP) samples of its forthcoming 'O' gauge BR Mk 2/Mk 2a carriages for assessment.

Four BR vehicle types are planned covering Brake Corridor First (BFK), Corridor First (FK), Brake Open Second (BSO) and Tourist Open Second (TSO) coaches, in vacuum-braked (Mk 2) and air-braked (Mk 2a) variants.

While the initial EP sample images show several components missing, each will feature separately fitted handrails, grab handles, a removable roof, drophead buckeye couplings, intricate underframe detailing, B4 bogies, detailed interiors with representation of seat headrests, tables, luggage racks and even a fully appointed guard's compartment in the BSO/BFKs.

Additional end gangway and underframe parts for creating either Mk 2 or Mk 2a variants will also be included for customer fitment, while a simple-to-install motion-activated interior light bar will be available separately. Several areas have been noted for modification or correction before the models progress to the next stage of the production process.

Prices are set at £279, with arrival expected in late 2021/early 2022.

● **Visit *www.facebook.com/heljanas* for more details.**



Refurbished 'O' Class 31 decorated samples

Heljan has received the first factory decorated samples of its forthcoming 'O' gauge refurbished Class 31/1 and 31/4 A1A-A1As.

Due later this year, nine new models are expected split between refurbished Class 31/1 and 31/4 locomotives in a wide selection of liveries with two numbered examples including 31296 *Amwlch Freighter/Tren Nyddau Amlwch* in weathered Railfreight grey and yellow (Cat No. 3120) and 31466 in EWS red and gold (3143). The remaining unnumbered examples will appear as 31/1s in Railfreight 'red stripe' grey (3121), unbranded Railfreight Trainload freight grey (3122), BR Civil Engineers' grey and yellow (3123) and as 31/4s in BR blue (3140), InterCity 'main line' (3141), Regional Railways (3142) and Network Rail yellow (3144).

Prices are set at £525 each, with delivery anticipated during the second quarter of 2021.

● **Visit *www.facebook.com/heljanas***



HELJAN'S 'OO' ETHELS ON THE HORIZON

Heljan's eagerly awaited newly tooled 'OO' gauge Class 25 Bo-Bo diesels are expected to arrive during February.

Amongst the raft of releases are two examples of the former Class 25 mobile electric train heating units converted by BR's Scottish Region, known as Electric Train Heating, Ex-Locomotive (ETHEL), for use with BR's new Mk 3 sleeping carriages on the West Highland Line in the 1980s. They later went on to appear on charter trains hauled by steam locomotives, too. Three prototypes were converted and Heljan is releasing two models as 97250 *ETHEL 1* in BR blue and grey (Cat No. 2540) and 97252 *ETHEL 3* in InterCity 'main line' livery (2541).

As with the prototypes, Heljan's 'OO' ETHELs will be ready-to-haul as they will be supplied without motors, but will still feature pick-ups, lighting and a 21-pin Digital Command Control (DCC) decoder socket for digital sound installations.

Prices are set at £179.95.

● **Visit *www.facebook.com/heljanas* for more information.**



Bellerophon leads the way for KR MODELS IN 2021



KR Models has announced plans to model the Haydock Foundry 0-6-0WT together with a Hunslet Bo-Bo industriall diesel locomotive and steel works Torpedo wagon for 'OO'. KR Models.

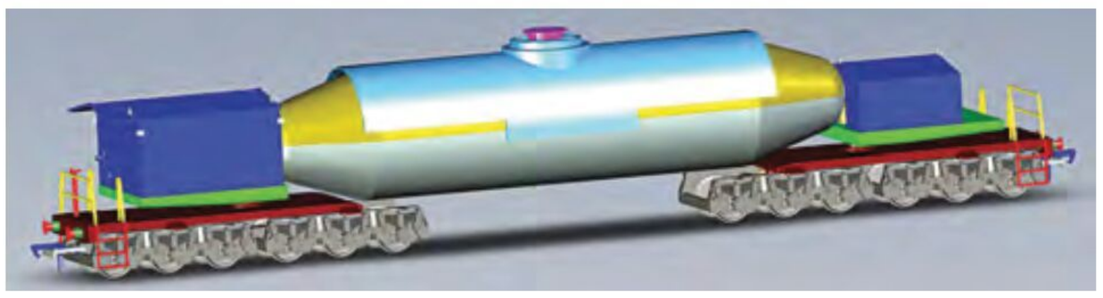
KR MODELS has unveiled plans to expand its portfolio of ready-to-run models with three new 'OO' gauge projects including the Haydock Foundry's 0-6-0WT *Bellerophon*, a Hunslet 1,124hp Bo-Bo industrial diesel shunter and a 12-axle torpedo ladle wagon used at Scunthorpe steel works.

Expressions of interest are being sought for a 'OO' gauge model of the Haydock Foundry's 0-6-0WT *Bellerophon*, one of six locomotives built between 1868 and 1887 for use at the Haydock Collieries on the Lancashire Coalfield.

KR Models' new 'OO' gauge model is set to feature a die-cast chassis, five-pole motor, flywheel, Digital Command Control (DCC) decoder socket, sprung metal buffers, separately fitted wire handrails, sand pipes and more.

Provisional prices are set at £190 for DCC ready models and £220 for DCC fitted examples with DCC sound currently being explored.

KR Models' second 'OO' gauge model announcement is the Hunslet 1,124hp Bo-Bo diesel shunter, built for use at British Steel's Scunthorpe steelworks during the early 1970s. An 11th locomotive was added to the fleet later that decade.



This newly-announced 'OO' gauge model will feature a similar specification to KR Models' previous locomotive projects and will appear in a selection of authentic liveries. It will be offered in DCC ready, DCC fitted and DCC sound-fitted formats, priced at £180, £210 and £280 respectively.

Finally, to accompany the Hunslet 1,124hp diesel shunter, the manufacturer is also adding the distinctive 12-axle torpedo ladle wagons built for use at Scunthorpe steel works to its 'OO' gauge range. Built by Distington Engineering Works of Workington, these huge vehicles normally operate in pairs within the complex.

The specification will include a geared mechanism at one end to enable the barrel to rotate through 180degrees under DCC operation, while the interior of the barrel will also be fitted with an orange light to replicate the glow of molten metal when the barrel's cap is removed. Development work is already underway and the CAD drawings for this new 'OO' gauge project are almost complete.

Wagons will be supplied in twin-packs priced at £160 for DCC ready examples and £190 for DCC fitted models. Further details have yet to be confirmed.

● **Visit *www.krmodels.co.uk* for more information.**





Bachmann Branchline Bulleids break through

Bachmann has received the first samples of its all-new 'OO' gauge Bulleid carriages for evaluation by the development team.

First announced in 2018, each of the new 'OO' carriages has been freshly tooled with Corridor Brake Composite (BCK), Semi-Open Corridor Brake Third (BTK), Corridor Third (TK) and Corridor Composite (CK) examples planned, while liveries cover Southern Railway (SR) malachite green, BR carmine and cream and BR green.

The extensive tooling suite will cater for vehicles in original as-built condition as well as the later modified reinforced bodysides, with corresponding prototypical detail differences represented such as options for shallow (10in) or deep (15in) window ventilators, Bulleid or BR Mk 1 dynamos and battery boxes, single or twin vacuum brake cylinders, guard's handrail types, footboard positioning, detailed interiors and more. Separately fitted detailing includes roof vents, lamp irons, vestibule end handrails, toilet filler pipework and more.

In total, 11 vehicles will be released across the three colour schemes with correct running numbers to form authentic fixed vehicle sets, as three-car set 790 with 10in window vents in SR malachite green, five-car set 847 with 15in window vents in BR carmine and cream, two-car set 69 with 10in window vents and bodyside strengthening ribs in BR green and a single BR numbered TK with 10in window vents in malachite green.

Prices and a delivery date have yet to be advised.

● **Visit *www.bachmann.co.uk*.**



KMRC LSWR ROAD VAN APPROVED FOR PRODUCTION

Kernow Model Rail Centre's (KMRC) forthcoming 'OO' gauge LSWR/SR Diagram 1541 10ton Road Van has been approved for production.

Following a few minor amendments to the decoration specification, the models will progress to the next stage of the process. Ten different models are planned across SR and BR liveries.

Priced at £29.99 each for pre-orders (£34.99 on release), production is expected to start at the end of March with delivery anticipated during May or June 2021.



● **Visit *www.kernowmodelrailcentre.com* for more details.**

Rails Connect Capacitor Discharge Unit

Rails of Sheffield has added a high-powered capacitor discharge unit (CDU) to its new Rails Connect branded electronics range.

Manufactured by DCC Concepts, the Rails Connect CDU has been designed to support simultaneous multiple solenoid point motor operation. The unit also features plug-in screw terminal connectors and an LED charge indicator light which illuminates once the capacitors have recharged.



Priced at £14.95 each, pre-orders are being taken now, with delivery expected during late January.

● **Visit *www.railsofsheffield.com* for more details.**

Hattons shows latest Genesis samples

New engineering samples for the collection of Genesis four and six-wheel carriages have been received by Hattons Model Railways for evaluation.

The coaches will have turned metal buffers, etched metal footboards, alternative roof vent and lighting arrangements, NEM coupling pockets with small tension lock couplings, separately fitted pipework and conduits, interior luggage racks, seat detailing and more.





Hattons is offering the coaches both with and without interior lighting.

Prices start from £30 for unlit coaches rising to £36 for versions with lights. Vehicle options cover four-wheel four-compartment, five-compartment and three-compartment brake coaches together with six-wheel five-compartment, four-compartment lavatory, three-compartment brake and full brake coaches.

The first batch is due for release in the second quarter of 2021 in a collection of liveries.

● **Visit *www.hattons.co.uk* for more information and *www.keymodelworld.com* for more images and video of these samples.**

STAY HOME, STAY SAFE
Free delivery on all print subscriptions

REVEALED
HORNBY 2021 RANGE



EIGHT-PAGE NEWS SPECIAL!
Everything you need to know, including:
- 35 new steam locomotives
- 29 new diesel and electrics



HORNBY magazine

Issue 164 February 2021 USA $13.99 · CAD $15.99 · AUS $14.99 UK £4.99

FIRST REVIEW

20/20 VISION

Bachmann's all-new Class 20/3 for '00' gauge

MOVING VEHICLES
Installing the Faller Car System step by step

EXCLUSIVE SUBSCRIBER COVERS

SUBSCRIBER EDITION

Print, digital and bundle subscriptions: Quoted rates are for UK subscriptions paying by Direct Debit. Quoted savings based on those rates versus purchasing individual products. Standard one-year print subscription prices: UK - £48.99, EU - £56.99, USA - £59.99, ROW - £61.99.

keymodelworld.com

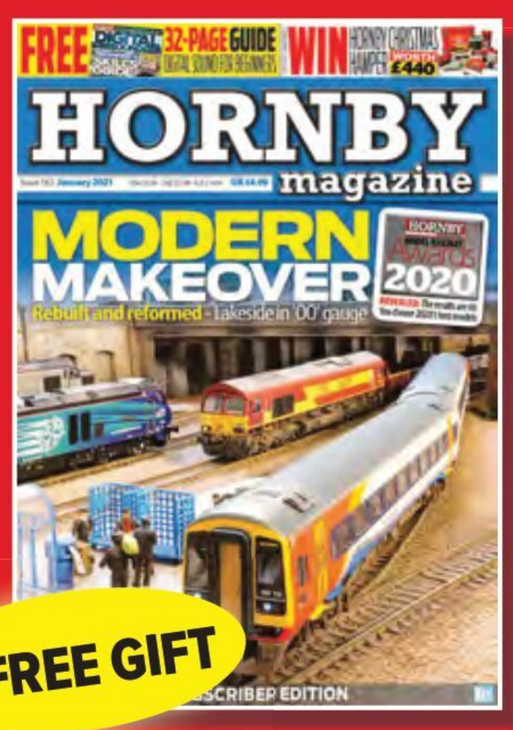
OR CALL: +44(0)

Your customer code: HM0321

SAVE UP TO 45%

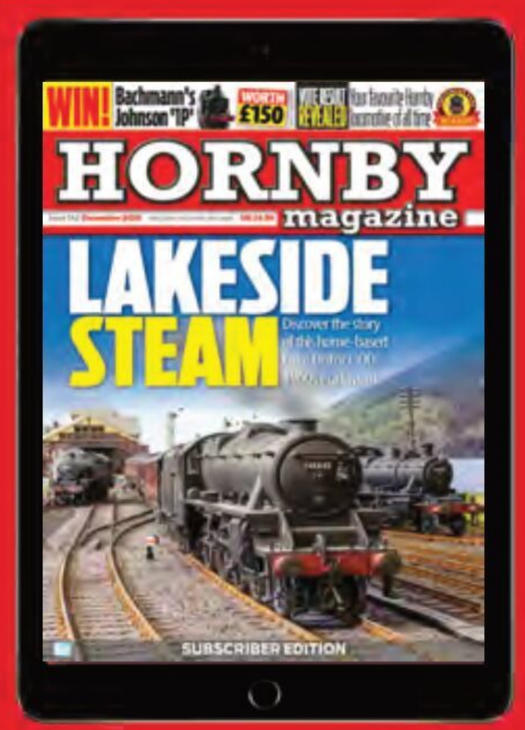
Choose your 12-month subscription offer:

PRINT
From £41.99
(saving 30%)



+ FREE GIFT

DIGITAL
£34.99
(saving 40%)



PRINT + DIGITAL
From £55.99
(saving 45%)



+ FREE GIFT

WHY SUBSCRIBE?

- **FREE** delivery to your door
- **SAVE** on the cover price
- **NEVER** miss an issue
- Exclusive **DISCOUNT** offers for subscribers

FREE
FOR SUBSCRIBERS

Premium access to KEY MODEL WORLD

Now including **EARLY DIGITAL ACCESS** *to every new issue. Read your copy before it arrives!*

/hornby-magazine

1780 480404

Lines open Monday-Friday; 9am-5.30pm GMT

Offer closes 31 March 2021

028/21

PEAKS '47

The Peak District in the final year of the LMS is the setting for **SAM JONES'** *'OO' gauge layout, which faithfully recreates this beautiful area in miniature.*

PHOTOGRAPHY, RICHARD WATSON

PEAKS '47 is based in the Peak District in 1947. I've tried to capture locomotives running along the old Midland Main Line from Matlock to Buxton and from the local quarries. The areas around Monsal Dale and Millers Dale have been particular inspirations. It is a layout which continues to develop and has created a keen interest in the hobby as well as creating videos for the layout's dedicated YouTube channel.

Before returning to model railways around 18 months ago I was heavily into motorbikes, but I was struggling to find the time and I needed something that I could do in the evenings. Model railways were the obvious answer and a step back to my past. The LMS was the area which had always attracted my attention following family trips to the Peak District to walk in the stunning scenery.

I threw myself into the railway hobby once more and I'm continuing to learn about the subjects that I model and how railways work while also honing my skills.

Construction of the layout started in late 2019 and a few months later I started making videos for YouTube with the launch of the Peaks '47 channel. I originally started the channel because I enjoyed making videos of trains running on the layout and YouTube provided an ideal means of storing them. At the same time it served as a diary and following feedback I realised I was really enjoying creating tutorials about construction of the layout, its scenery, buildings and rolling stock, so I moved to start filming the models I made and construction too.

PEAK SETTING

The station name Whittington Dale came about when I asked viewers to create a name combining the names of two Derbyshire towns. The winner of the 'competition' was Steve Harper, who combined Millers Dale and Whittington Moor. I studied lots of photographs of Monsal Dale station to give me an idea for a rural setting. Whittington Dale would be between Monsal Dale and Millers on the Buxton line, if it had existed. »

GAUGE	SCALE	SIZE	REGION	PERIOD	CONTROL
'OO', 16.5mm	4mm: 1ft	13ft x 13ft	MIDLAND	1947	DCC, Gaugemaster Prodigy

1 **Fowler 'Jinty' 0-6-0T 7365 ambles along the lower level single track branch line as a Stanier 'Black Five' and Fowler '2P' 4-4-0 cross on the viaduct above.**

I planned the layout in an evening and it progressed as the project developed. Originally the quarry was going to be a coal mine in the Midlands with four main lines – the one constant, however, was that it would be set on the London Midland & Scottish Railway, my favourite railway operating company. With an ever-increasing interest in scenery I wanted the setting to be more rural. I moved the setting north to the Peak District and coal turned to limestone.

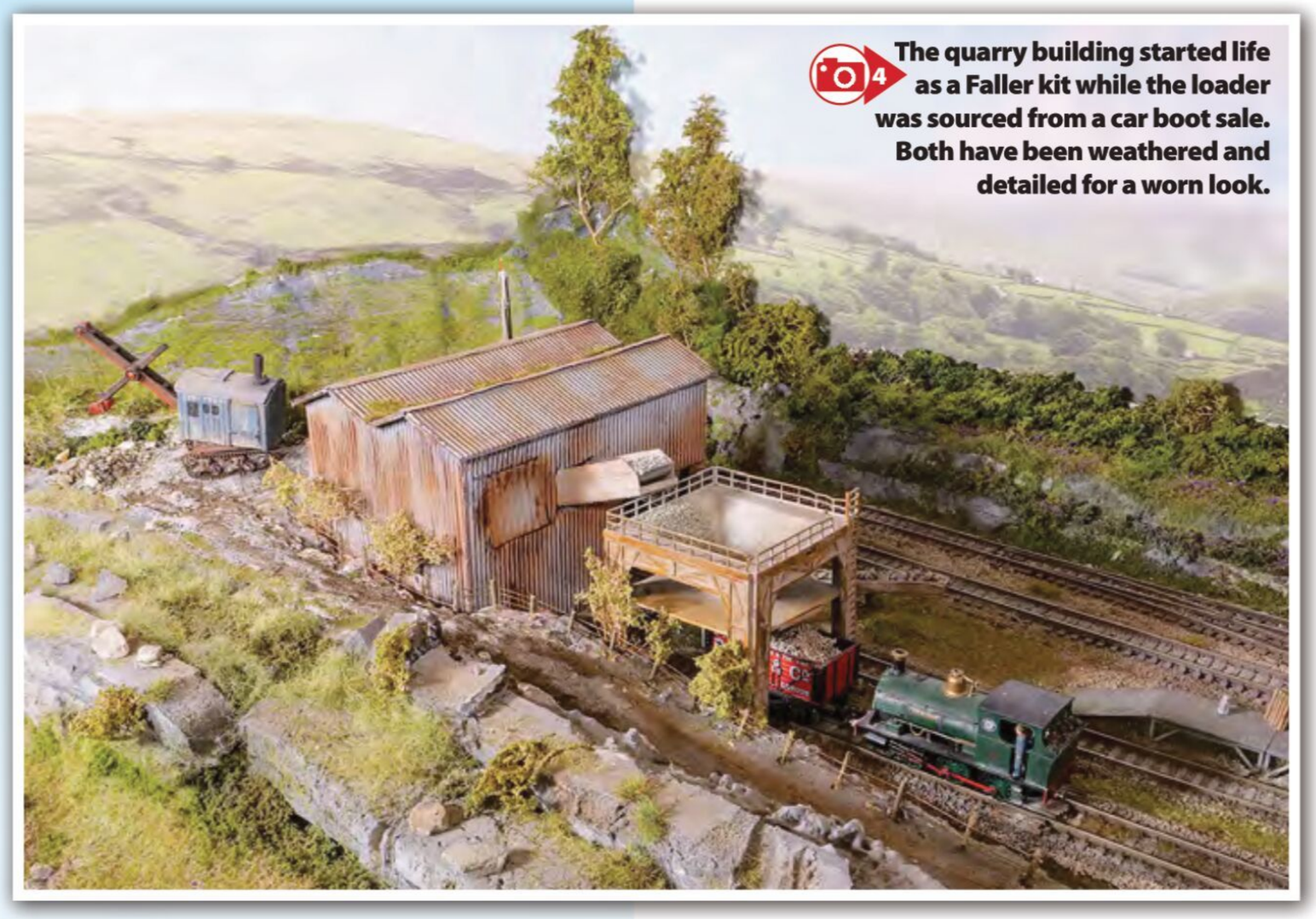
This is where I first considered the less is more approach as far as track went. The baseboards are constructed from OSB3 (Oriented Strand Board) supported with 2in x 1in battens designed in a step style. This gives me a branch line at a lower level to the main lines and adds interest gaining different heights over the layout.

My track plan developed as I went. As my knowledge grew, I changed some sidings to avoid facing points and the first train ran about a year ago in February 2020. I was fortunate enough



3 A pair of Metcalfe cottages takes centre stage between the upper and lower levels. In front, the Peckett 'B2' hauls a rake of open wagons while the main line plays host to a Fowler '2P' 4-4-0 and a Johnson '3F' 0-6-0 on freight workings.

2 An ex-LNWR 'Super D' 0-8-0 draws up to the loading dock with a collection of LMS box vans while limestone trains pass on the main line behind. The backscenes are ID backscenes self-adhesive premium products.



4 The quarry building started life as a Faller kit while the loader was sourced from a car boot sale. Both have been weathered and detailed for a worn look.



to have a reliable layout from the start.

My biggest passion is scenery so I studied the area I was modelling and travelled to Monsal Dale for further inspiration. This is where the derelict barn scratchbuild began to take shape. Such structures are very common in the Peak District and my model was so successful that people asked if my employer Scale Model Scenery would produce a kit. Naturally Justin Noble the director was keen to get stuck in. We designed a kit and built some prototypes and it now forms part of the SMS range as Cat No. KX057. The prototype build of this kit is also on the layout.

There are a few other scratchbuilt models on the layout including the humpback bridge near the station carrying the road over the railway. This was by far the most challenging structure I've built. I used 7mm Slaters dressed stone for the face and used paints, powders and matt lacquer to create the final finish.

I'm particularly proud of the steam shovel and felt it was a 'must' to have one at a working limestone quarry. I sacrificed a wagon and glued it upwards on the back of a 'HO' scale crane cab. For the tracks I used a Sherman tank and shortened the wheelbase. For the jib, I used coffee stirrers. This build can also be seen on the YouTube channel for this layout, Peaks '47.

With the scenery my aim was to replicate a rural setting. I find using static grass and general scenic work very rewarding. Static grasses are mainly from War World Scenics with the main combinations being 2mm Spring for brighter areas and a combination of 2mm and 4mm Muddy Grass and North European grasses finished with a range of sizes in Patchy and Dead colour styles to enhance the final look. My favourite combination is War World Scenics 2mm Muddy Grass combined with Serious Play Scenics' 6mm Dead Grass. I »

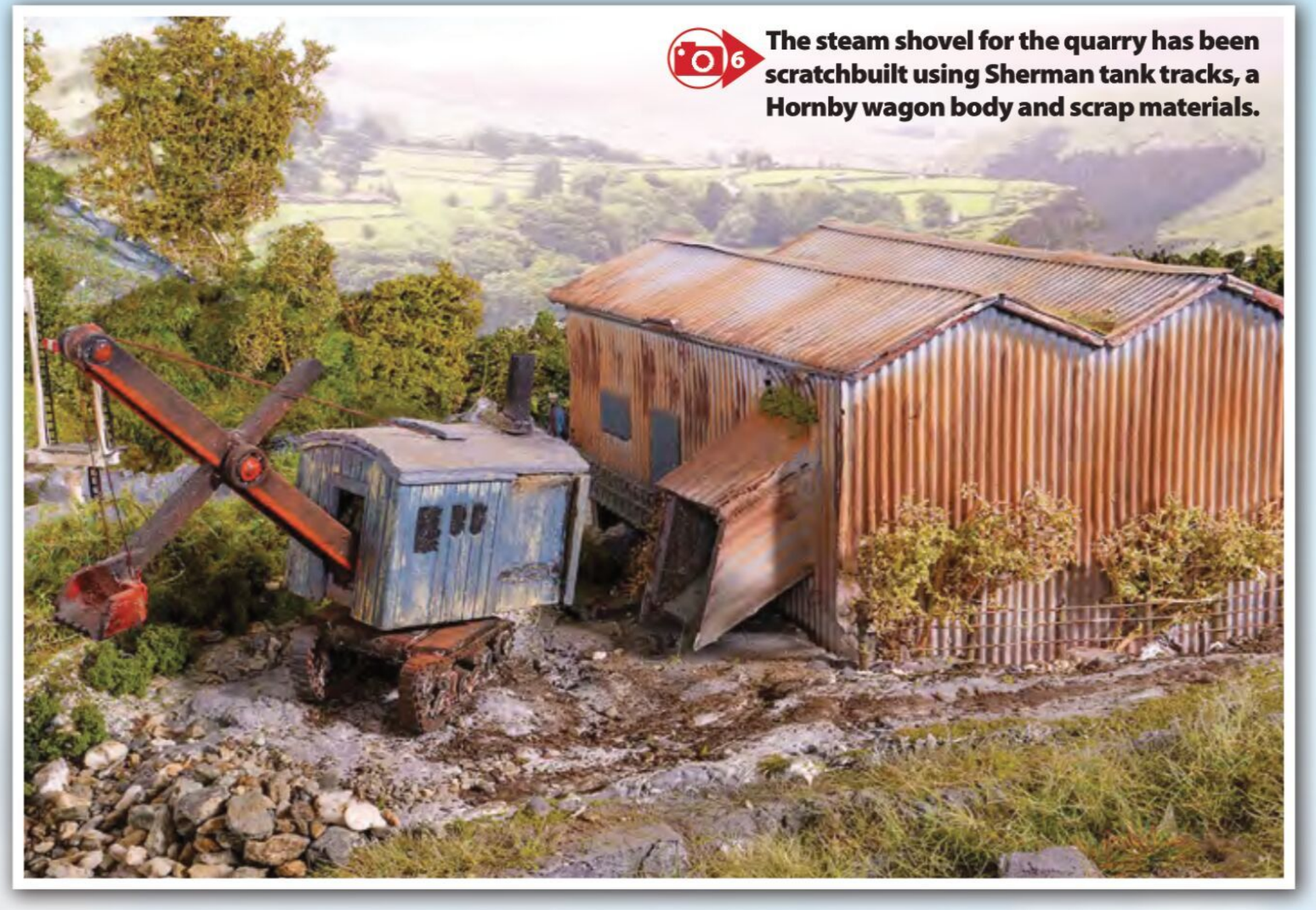


5 Peckett 'B2' 0-6-0ST 1378 *Westminster* emerges from the tunnel on the lower level with a rake of loaded limestone wagons. The rocks behind have been carved from Celotex insulation.

also use products from Woodland Scenics around the layout including Coarse Turfs to break up the expanses of static grass and to bed walls into their surroundings. Other features include Seafoam trees while dried mud direct from the garden has been used in some places too.

Ballast for the layout is bought by the kilo from Ebay and is limestone ballast to suit the area. The same material has been used for rolling stock loads and around the quarry site too. Paths, track and roads use a 1:1 mixture of building sand and fine sand which is fixed in place with diluted PVA wood glue as you would for loose ballasting.

I've experimented with lots of techniques throughout the layout, especially replicating rocks. The rocks around the quarry have been made with insulation board whereas the rocks around the station are raw plaster and the rock fall is stones from the local estuary. Other rocks have been made by combining tile grout and decorator's filler which has then been carved,



6 **The steam shovel for the quarry has been scratchbuilt using Sherman tank tracks, a Hornby wagon body and scrap materials.**

toned and painted to look like rocks.

Dry stone walling is a 1:1 ratio of dry powder decorator's filler and fine cat litter, mixed with a dash of PVA glue and water until a thick consistency is achieved. It is then moulded in situ on the layout and painted with magnolia emulsion. This is then followed by an ultra-thin wash of black poster paint which settles around the walling to show its texture. Finally 1mm and 2mm static grasses are added into the gaps and around the base to suggest old sections of wall with grasses growing through.

Platforms are 18mm plywood overlaid with Slaters paving plasticard to create the surface. The surface is then painted with high build primer followed by washes for weathering. Happily, 14 years in the motor trade has given me a good understanding of using acrylics and solvents as well as how to seal paint appropriately.

The backscenes are from ID backscenes and I chose the premium versions which are self adhesive. These have been applied to hardboard panels and set back 6in from the back of the baseboard and to assist in the appearance of perspective.



7 Above: **At Whittington Dale station a 'Black Five' has just arrived with a stopping train while a '3F' 0-6-0 is in the goods sidings.**

8 Below: **A collection of private owner limestone wagons threads along the branch line in the hands of a Johnson '3F' 0-6-0 as a Stanier 'Black Five' 4-6-0 crosses the truss bridge behind the farm.**



STRUCTURES

Buildings around Peaks '47 come from a number of sources including Metcalfe, Wills and Peco. Highlights include a pair of Metcalfe railway cottages which have been weathered and fitted with Ratio guttering. The most recent cottage to join the scene is a Wills kit which has been expanded with a scratchbuilt extension built from matching Wills coarse stone sheets. This sits behind the main viaduct on the main line.

The stone viaduct is a Metcalfe kit while there are also Peco girder and truss bridges on the layout – the latter with supports from the Metcalfe viaduct structure. The quarry started out as a Faller kit while the loader came from a car boot sale many years ago and has been suitably painted and aged. One of the more enjoyable projects was creating the conveyer – it is made from coffee stirrers for the structure, has rollers made from a cut down pencil and the belt is Duct tape. By using materials that I had to hand I could create something unique.

Around the railway scenes there are two Midland Railway signalboxes – a Ratio kit at the station and a second Dapol ex-Airfix kit which has been modified with new windows from the Scale Model Scenery range. The station building is a Bachmann Scenecraft item.

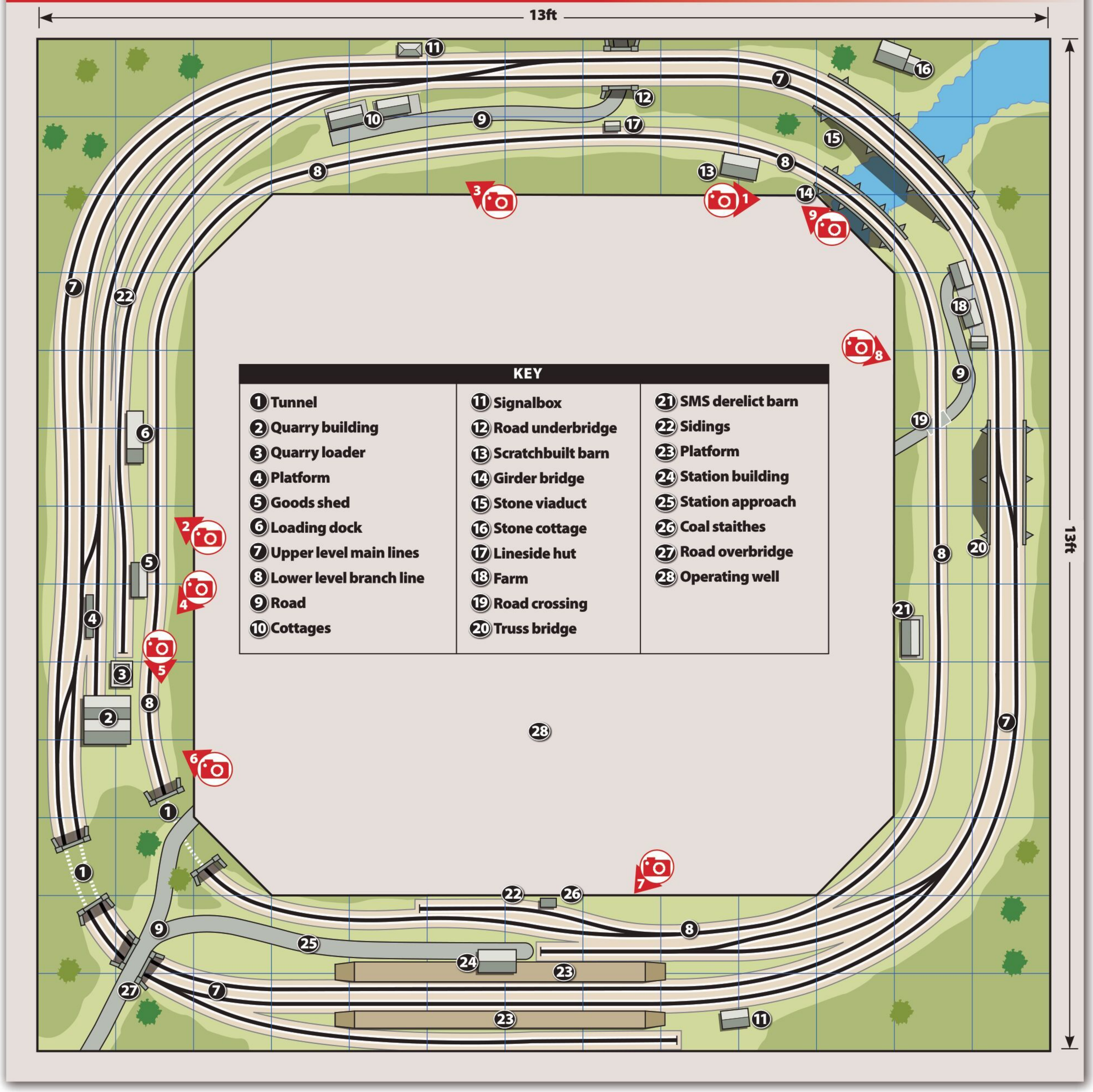
Another small detail that I wanted to get right were the farm animals. The Belted Galloway cattle always draw attention, and I went as far as contacting the Belted Galloway Cattle Society which put me in touch with a local farmer that confirmed Galloways were in the Peak District in 1947 in his family.

ROLLING STOCK

Peaks '47 is DCC powered using the Gaugemaster Prodigy Advance with a wireless throttle. All of my locomotives are LMS engines with aftermarket sound files to bring them to life using a combination »

9 **Stanier 'Black Five' 5116, a renumbered and LMS branded Hornby RailRoad model, heads a passenger working past the derelict barn which provided the inspiration for the Scale Model Scenery kit.**

PEAKS '47 TRACK DIAGRAM (Not to scale)



KEY

1 Tunnel	11 Signalbox	21 SMS derelict barn
2 Quarry building	12 Road underbridge	22 Sidings
3 Quarry loader	13 Scratchbuilt barn	23 Platform
4 Platform	14 Girder bridge	24 Station building
5 Goods shed	15 Stone viaduct	25 Station approach
6 Loading dock	16 Stone cottage	26 Coal staithes
7 Upper level main lines	17 Lineside hut	27 Road overbridge
8 Lower level branch line	18 Farm	28 Operating well
9 Road	19 Road crossing	
10 Cottages	20 Truss bridge	

of ZIMO and LokSound Select decoders. My favourite model has to be either the Bachmann Fowler '3F' 0-6-0, which is weathered and has sound installed using a YouChoos sound file on a ZIMO decoder, or the Hornby Peckett 'B2' 0-6-0ST which I've also weathered with white dust to replicate its work at the quarry. The Peckett has had extensive work carried out by Alan Thompson of Model Railway Workshop, who has fitted a 'stay alive', firebox flicker and a phenomenal sound file by Paul Chetter on a ZIMO decoder.

The Stanier 'Black Five' is a Hornby RailRoad model which started life in BR lined black, but I have backdated it to LMS livery and replaced the Twin Track Sound decoder with a ZIMO chip from YouChoos to give it an authentic sound. Most of the speakers in the locomotives are now double iPhone types available from Roads and Rails.

I carry out all of the weathering myself using a combination of airbrushing, dry brushing and powders. Vallejo airbrush paints are used together with War World Scenics powders with water or IPA for dry brushing and I have made a number of weathering videos for the Peaks '47 YouTube channel.

THE FUTURE

It's been a fantastic experience and achievement creating this layout but there is much to do in terms of detailing. Like many modellers, I feel Peaks '47 will keep me busy for many years to come!

The immediate plan for the future is to introduce evidence of the end of the Second World War which occurred just two years before the timeframe of the layout. Pillboxes and Anderson shelters are important first steps while the final scenic section to be completed, an area roughly 3ft x 3ft, is going to feature a crashed Junkers Ju88 German bomber on a limestone cliff. There is a crash site of a Ju88 in the Peak District – the plane reportedly got lost on its way back from a bombing raid in Liverpool and landed in the peaks and there is still evidence of its fatal journey today.

Finally I'd like to pass on my thanks to a few people and groups for support in construction of Peaks '47 including Martyn Rees of War World Scenics, Richard Brighton at DCC Concepts, Justin at Scale Model Scenery, the LMS Modelling Society Facebook group including Peter Deakes plus Richard Watson for support in making the most of YouTube for the Peaks '47 channel. Hm



HOT OFF THE PRESS...

Private owner plate transfers for wagons.
Gloucester Builders, Owners and Repairs plates CHAs Roberts Builders.
Plus Standards REGISTERED BY L&NWR, GWR, LMS, LNER, SR plates.
7mm/0 : FRH7970 & 4mm/00 : FRH4970
AVAILABLE NOW

InterCity 43 002 / 43 002
Inter-City 125 253 001 / 253 001

Early InterCity Loco/HST Livery Elements
for 2mm/N now in stock REF : F2350

10714
14106 5522 10679
Mk2 b&c and Mk3 Sleeper Fully-made-up
TOPs numbersets
in 4mm/00 : F4212/2-3

FOX TRANSFERS LTD • TEL +44 (0)116 319 4950 (DEPT HO)
Dept HO, Unit 5, Priory Business Park, Wistow Road,
Kibworth, Leicestershire LE8 0RX, ENGLAND callers by appointment
email: mail@fox-transfers.co.uk web: www.fox-transfers.co.uk

Fox TRANSFERS AND ETCHED PLATES

Dream Steam Model Railways
www.dreamsteam.co.uk

We Are Open
Monday - Friday 10am - 4:30pm
Saturday 10am - 1pm

Vanguard House
Quarry Wood Industrial Estate
Mills Road **Aylesford**
Kent
ME20 7NA

On the main road look out for our **flag** and **swing sign!**

Call us on 0800 022 4473
Or email us at sales@dream-steam.com

We Stock 16mm OO OO-9 N Gauge

You can visit our showroom or order online and over the phone
These are just an example of brands we stock

LEGACY MODELS PowerPoints

Wire-Free Baseboard connections

DCC concepts thinking outside the square

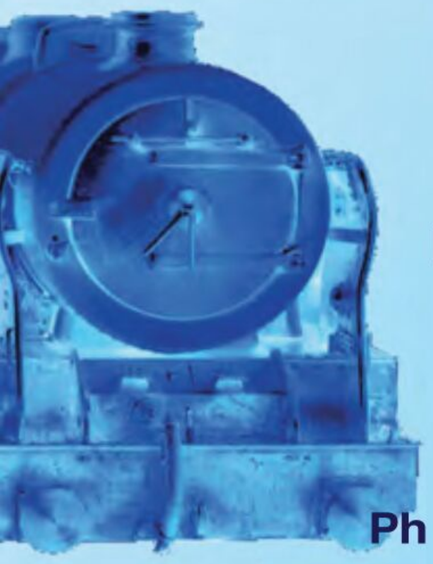
Easily installed, super-accurate alignment dowels that remove the need for wires

Designed from the ground-up for the average user with average skills... Designed to be simple to install & easy to use. Designed to take away problems & to simply do a job that needs to be done... but has never been possible before without adding yet more wires, mounting connectors and making leads that inevitably fail or get lost just when you need them!

PowerPoint dowels are a dream come true. Highly accurate, they can both transmit track power and perfectly align your baseboards. All of the electrical parts are gold plated too, so they'll never fail you!

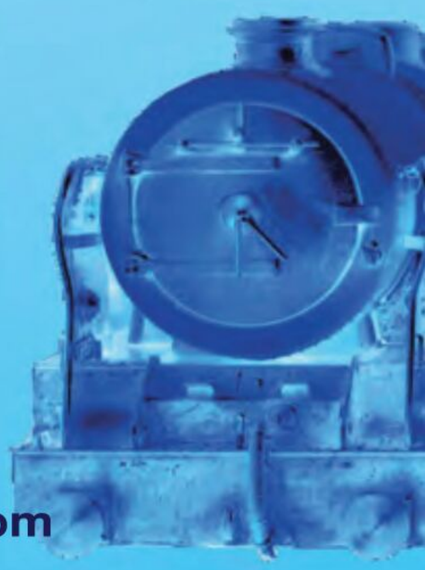


PowerPoints can comfortably handle far more power than a DCC System can deliver, so you will only need to use one pair to reliably transfer power between average baseboards.



LM-PP.2
2 pairs of PowerPoints

LM-PP.4
4 pairs of PowerPoints



Need more? PowerPoints are the perfect partner to DCCconcepts alignment Dowels. To install either, you will need both 13mm & 19mm Spade-type drill bits

DCC concepts thinking outside the square

Ph +44 (0) 1729 821 080 * sales@dccconcepts.com * www.dccconcepts.com

HARDER & STEENBECK







PAINT EASY THE HARDER WAY

www.harder-airbrush.eu

GOING NUCLEAR

Nuclear traffic provides ideal train lengths for layouts of any size. **TIM SHACKLETON** looks at some simple techniques for weathering these short freight trains of recent years.



Above: **The inspiration: On June 27 2018, a pair of DRS Class 68s provide more than adequate power for a single FNA nuclear flask wagon, passing Heads Nook (just east of Carlisle) en route from Seaton-on-Tees to Sellafield.** Andrew Glover.

SPACE-STARVED modellers value short trains and few have consistently been as easy on track occupancy – or as overpowered – as the nuclear waste trains operated for the last two decades by Direct Rail Services (DRS). They're also very easy to model – from Class 20s and 37s to the current Class 66s and 68s, DRS power in a wide variety of liveries is readily available in 'OO' gauge, particularly with the soon to arrive models of the Class 20/3 from Bachmann and the Class 37/6 from Accurascale. The choice of rolling stock has just got a whole lot broader with the release of Accurascale's PFA container wagons to complement Bachmann's excellent FNA nuclear flask wagons while the first quarter of 2021 promises the arrival of Accurascale's impressive 16-wheel KUA nuclear flask wagons used in the transport of fuels for Royal Navy submarines.



Clear top-down shots of any kind of rail vehicle are invaluable for weathering. Note the ingrained dirt in the ribbed sides of the container and the marks on the floor. Andrew Glover.

Little if anything needs doing to any of these models by way of detailing, while weathering is equally simple. DRS seems to try to keep its locomotives clean – there's a touch of road dirt around the running gear and a bit of sooting around the exhaust, and that's about it. It's a different story with rolling stock, however – until DRS started painting them blue, flask wagons were and always have been filthy (that familiar ochre colour is a thick coating of grime, not a livery) while DRS's large fleet of two-axle PFA container wagons work hard for a living and their external condition reflects this.

It's always good to get back to basics, and in this piece I want to demonstrate some straightforward weathering techniques that will lift the appearance of your stock and confer a much-needed measure of individuality on your models. Reassuringly for those taking their first steps in weathering, we're going to be using just two paint colours, in acrylic or enamel form, applied with a single-action airbrush. I can't think of any project I've undertaken in recent months that's been easier and simpler – or further from the complicated approach we took to PCA cement wagons in the February 2020 issue (HM152), where we used powders, artist's oils, all kinds of paintbrushes, different types of airbrush, you name it.

It's well worth the effort of enhancing the nuclear trains, I feel – few short trains have the drama and eye-catching appeal of these nuclear consists, especially when so many of them are double-headed with handsome high-power locomotives. Hm

DRS's FNAs have got into a sorry state in recent years and having been replaced by newer stock, many of them are stored out of use at Sellafield. A single wagon hauled by several thousand horsepower has an undeniable impact. The Dapol Class 68 is, in my view, one of the very best locomotive models of recent years.

WEATHERING NUCLEAR WAGONS



Accurascale's PFA wagons are available in a variety of configurations and the versions with half-height nuclear waste containers have proved especially popular.



Before starting the weathering process, separate each vehicle into its main components – container, carrying frame and the PFA wagon itself. The single-use containers aren't to be weathered.



The joystick-like trigger of a double-action airbrush can be tricky to handle, and a quality single-action design such as the Iwata M1 could well be the answer. Once you've adjusted the pressure from your air supply, you control paint flow by the knurled knob at the back of the barrel. The trigger is very simple to use.

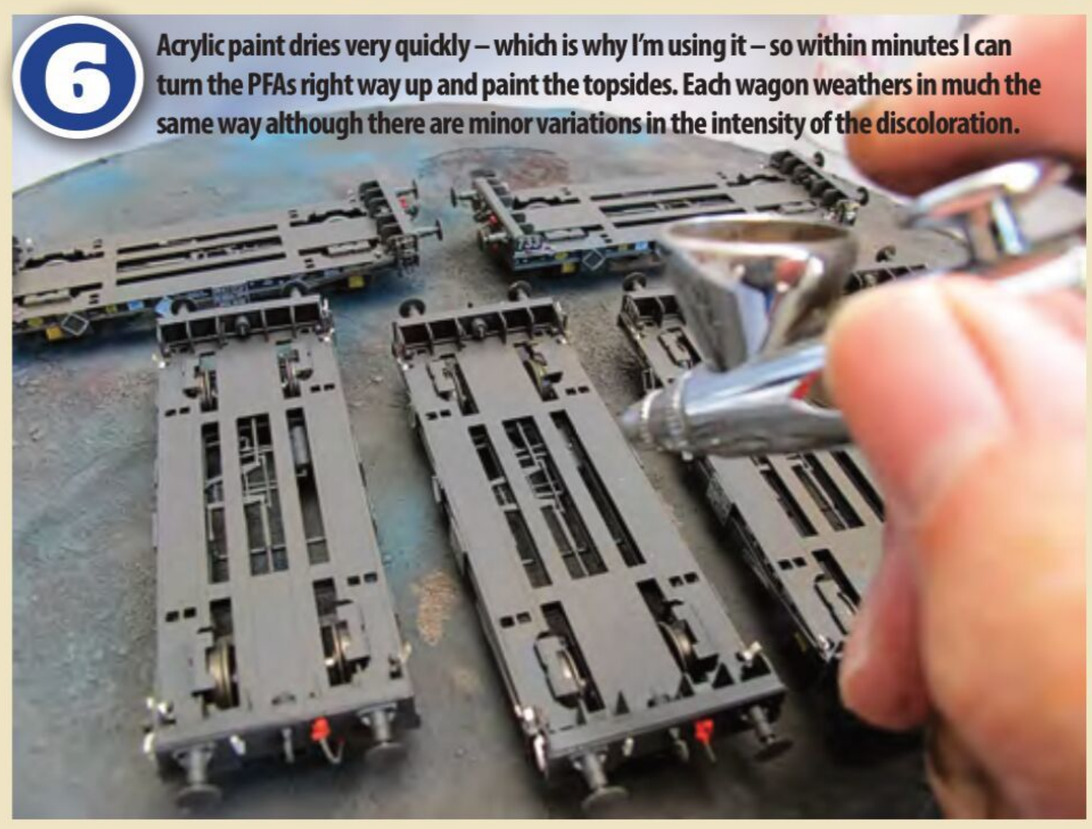


It's an idea to get your eye in by spraying the carrying cradles with a mixture of Tamiya Red Brown (XF-64) and Flat Black (XF-1) acrylic sprayed at approximately 18psi.



I'm weathering the underframes using the same mixture. Setting the paint control to just below midway gives me a nice fine mist – if I want saturation coverage I can turn the knob up to 6. Cheap single-action airbrushes don't have anything like this degree of fine control.

Acrylic paint dries very quickly – which is why I'm using it – so within minutes I can turn the PFAs right way up and paint the topsides. Each wagon weathers in much the same way although there are minor variations in the intensity of the discoloration.



Containers remounted on their wagons using the cradles provided. I'm impressed by the subtle variations Accurascale has built into details such as the lettering panels. The sealed containers are for single use only, taking contaminated low-level waste for secure storage, and don't have a chance to get dirty on their short rail journeys between BNFL sites.



A short rake of PFA wagons adds a splash of colour to any layout. These half-height containers passed out of use in 2016, around the time DRS 37422 received plain Oxford Blue livery without branding. The locomotive is a detailed, repainted ViTrains product.



Intermediate
Beginner SKILL LEVEL Advanced



8 As with the PFAs, I'm using just two colours for the basic weathering job. In this case I've chosen Humbrol and Revell enamels because I want to work the paint while it's still wet – you can't do this so readily with the fast-drying acrylics I used on the PFAs. The colours, however, are well-nigh identical.



9 The delicate control possible with the M1 airbrush enables me to put a gentle misting over the FNAs, with greater build-up on the platforms. The lettering is toned down, but there's no attempt at saturation – effectively the wagon is already weathered because these wagons are actually built of stainless steel, and the familiar buff colour is the result of dirt build-up on the wagons.



10 To put a heavier coat of weathering on the bogies, I can adjust the level of paint delivery by turning the knurled nut on the rear of the airbrush. This has the same function as pulling back the trigger on a double-action design to release an increasing volume of paint. Though adjustable (at least in theory), most single-action airbrushes lack in this kind of subtlety. Not so the Iwata M1.



11 The weathering of the fluted sides of the container is distinctive, with road dirt collecting in the channels between the ribs. To start things off, I airbrushed on some much-diluted browny-grey paint and let it settle.



12 The next stage is to add just a touch of paint to the top of each channel using a fine paintbrush. If you get any on the outer ribs, just wipe it off with your fingers. I increased the pressure to about 40psi and sprayed neat thinners on to the container. If the paint is thin enough, it will start to run down the fluted channels, mimicking the effect of dirt washed down by gravity collecting in these areas.



13 Using well-thinned enamels applied as a wash, I brush-painted the ends of the containers, using capillary action to ensure the paint went where I wanted it to go – in the ribs, rather than over the outer panels. Laying the wagons on their sides encourages the paint to flow.



14 The tops of the containers are pretty grubby, so I used the Iwata M1 to airbrush different degrees of road dirt on to each. The variations are slight but noticeable.

15 On a very dirty FNA there's quite a degree of blotchiness on the flat sides of the wagon. I've suggested this unevenness by airbrushing them at high pressure with neat white spirit so the painted surface starts to break up. After that I sprayed on a further top coat of weathering. Once the white spirit has evaporated there should be no problem using acrylic paints on top of enamels, should you need to.





16 Oil seeps out of the ratchet mechanisms used to open the containers and spills down the sides. Some FNAs are more heavily oil-streaked than others but this is the kind of detail that really brings a model to life, as do the rubbed-clean handwheels.



17 A trio of Bachmann FNAs, each of them different, each with individual features. As with the PFAs there's not a great deal of variation in the way these distinctive and rather ominous-looking vehicles weather - but these three are far from identically treated, which emphasises the subtle variations among the Bachmann models – different markings, different build features, different brake wheels even. Everything, as ever, was based on photographs.



3D

'J69'

CDC Design's 3D printed locomotive body for the Great Eastern 'J69' 0-6-0T was a temptation too great to resist for **TREVOR JONES**. He explains how the body can be used with a ready-to-run chassis to add new character to a GE fleet.

Below: **CDC Design's 3D printed body for the 'J69' 0-6-0T fills a gap in the market for Great Eastern region motive power. The completed BR 'J69' stands on shed alongside Hornby 'B12' 4-6-0 61580.**

THE use of 3D printing technology is on the increase in model railways from bespoke detailing parts to intricate kits, lineside equipment, figures and everything in between. The quality of 3D printing has also continued to improve, and the once unmistakable printing lines are now virtually invisible on top of the range prints.

Sneaking into the 3D printing realm recently is CDC Design. The company uses photo-sensitive resin to create complete 3D printed locomotive bodies which, where possible, are also completed in appropriate liveries too. The first was the GWR '97XX' 0-6-0PT in condensing form and this was followed by the much sought-after missing link in Great Eastern motive power - the 'J67' and 'J69' 0-6-0Ts. Its latest body is for the North London Railway '75' 0-6-0T, an example of which can be seen on the Bluebell Railway. All are designed to suit currently available ready-to-run chassis making them simple to take from the box to a running model.

My interest was with the 'J69'. The first 'J67', originally classified 'R24' by the Great Eastern Railway, was completed in 1890 with 140 being completed by 1901. From 1902 a higher pressure 180psi boiler was introduced to 95 of the class which then became known as the 'R24 rebuilt'. In 1904 a further 20 locomotives with the same 180psi boiler were built for passenger work and these were classified as 'S56'. Following the Grouping in 1923 the LNER reclassified the locomotives into its new system where a 'J' prefix referred to a locomotive with a six-coupled chassis without leading or trailing wheels. The original 'R24s' became the 'J67' while the 'R24 rebuilt' and 'S56' class locomotives were classified 'J69'.

Many of the fleet were allocated to Stratford Depot in East London and their duties included shunting, station pilot and passenger work while others were allocated to Colchester, Cambridge, King's Lynn and Peterborough East amongst other locations. Later life saw the class's sphere of operation spread to Great Northern and Scottish depots while the 'J69' is perhaps best known for its use as station pilots at Liverpool Street station including 68619 which was finished in GER blue with red lining and BR late crests. The last a 'J69' was withdrawn from service in 1962 and 68619 has been preserved and is currently on static display at Bressingham Steam Museum. »



The Great Eastern liveried version as delivered standing alongside its donor Dapol 'A1X' chassis.

THE CDC MODEL

The 3D printed model is produced in several versions and liveries including its final guise as the Liverpool Street station pilot in Great Eastern Railway dark blue but with BR number and logo.

I decided on two versions - one in GER blue as 327, and one as 68635 in BR black with a weathered finish as I had 'cabbed' it in its final years of service.

'J69' 327 was built in 1890 with 160psi boiler pressure and in 1904 it was rebuilt as a 'J69/1'. It was withdrawn in 1955. 68635 was built in 1904 as a 'J69/1' and was based during its life at Great Eastern Railway, Great Northern and Scottish depots making it one of the more widely travelled of the class. Some 'J69s' were sold to the War Department and to private ownership too.

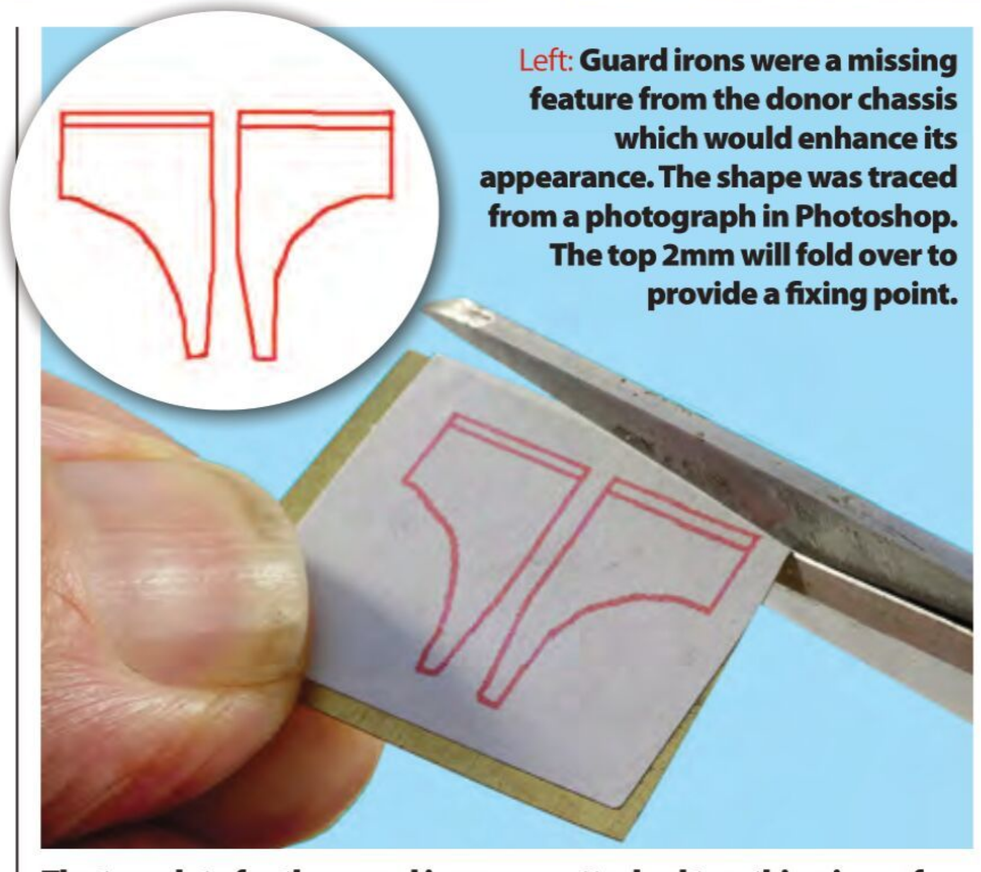
Both 'J67' and 'J69' had variations with large and small side tanks, condensing gear, steam and/or air brakes and it appears that they were constantly being changed. After I requested and received





This is the BR model of 68635 as it arrived from CDC Design. At this stage it would be bolted directly to a Dapol/Hornby 'A1X' 0-6-0T chassis, though there are options for enhancement too.

USEFUL LINKS	
CDC Design	*www.cdc-design.net*



Left: **Guard irons were a missing feature from the donor chassis which would enhance its appearance. The shape was traced from a photograph in Photoshop. The top 2mm will fold over to provide a fixing point.**

The template for the guard irons was attached to a thin piece of brass and cut out with scissors. The top 2mm were folded at right angles to provide a fixing point for adhesive.

The GE line-up on shed with the new 'J67' in the foreground, 'Decapod', 'N7', and 'B12'.

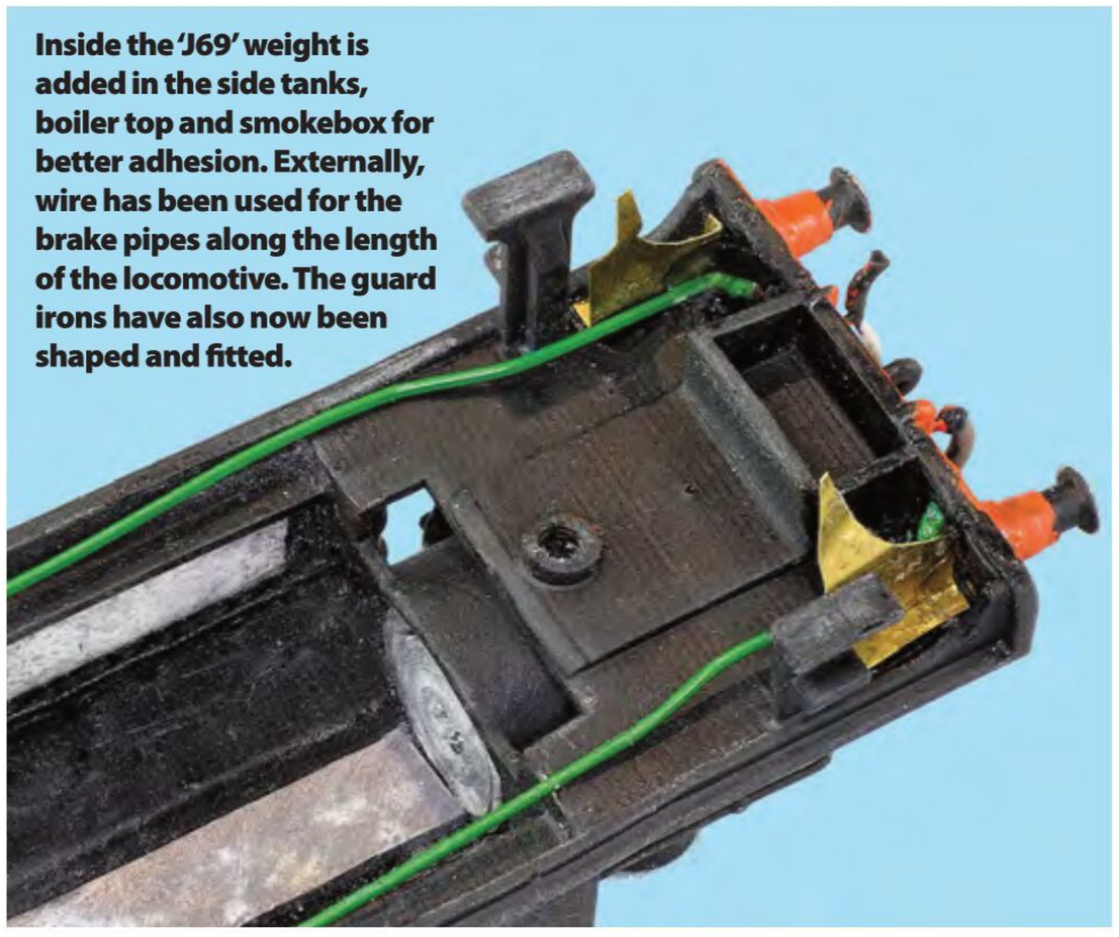
68635, it appeared it did not carry condensing gear in BR days, but this is a modification beyond what I wanted to do, so I accepted the compromise, not least for the fact that for 95% of its running time on my garden layout you would need a telescope to see if it had or didn't have condensing pipes.

All the locomotives are available in unpainted black finish at a very reasonable price of £42 with an extra £10 for numbering, but for GE Blue or BR apple green with British Railways on the side and as the Liverpool Street pilot in blue, the numbering cost is £15.

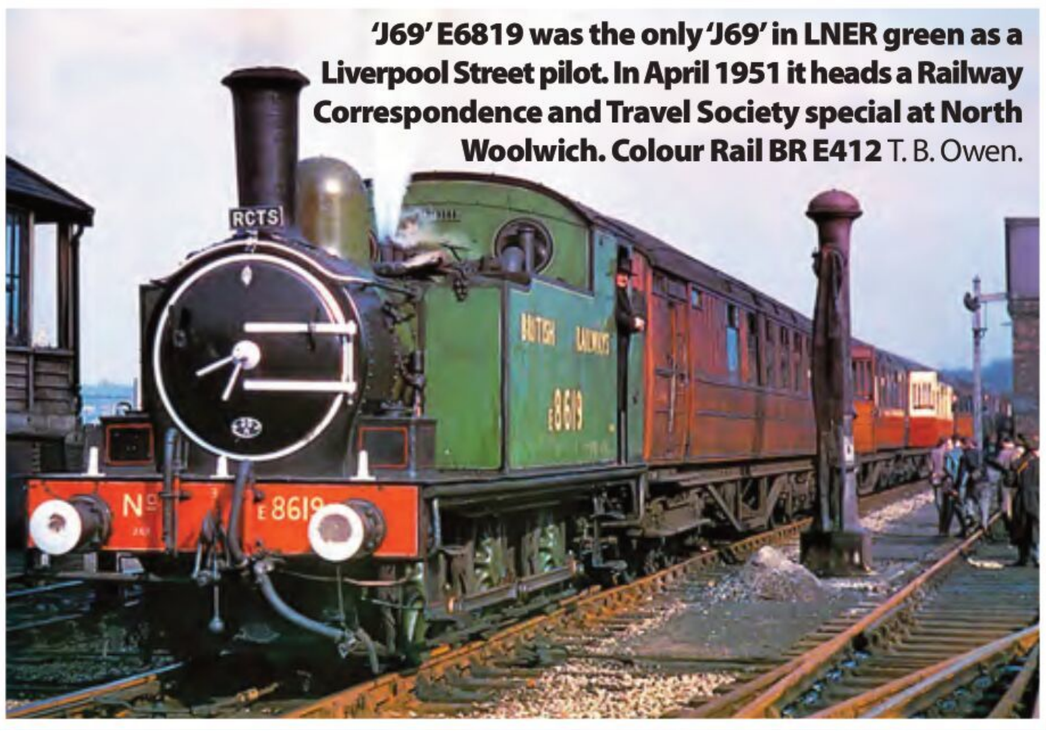
The bodies are designed to fit on existing ready-to-run chassis which makes these body kits ideal for those who are new to the hobby or kit building. The 'J69' fits over a Dapol/Hornby 'A1X' 0-6-0T, and it is quite likely that many donor locomotives will be available following the recent arrival of an all-new version of the Southern Region 'Terrier' from both Hornby and Rails of Sheffield.

THE BUILD

My model arrived promptly. The fragile front brake pipe had broken off in transit, but it was a simple job to fit a replacement. The remarkable 3D printing does make brake pipes and hand rails quite delicate so it will be necessary to handle these bodies with care. Attaching the body to the 'A1X' chassis is quite simple and an online video from CDC Design explains it in detail – we've included the demonstration video»



Inside the 'J69' weight is added in the side tanks, boiler top and smokebox for better adhesion. Externally, wire has been used for the brake pipes along the length of the locomotive. The guard irons have also now been shaped and fitted.



'J69' E6819 was the only 'J69' in LNER green as a Liverpool Street pilot. In April 1951 it heads a Railway Correspondence and Travel Society special at North Woolwich. Colour Rail BR E412 T. B. Owen.



The guard irons are a distinctive part of the 'J69s' underframe which I wanted to model. 'J69/1' 68600 illustrates the large guard irons. Yeadon's Register.



Left: **J69/1' 68616 on the Kelvedon, Tiptree and Tollesbury branch in July 1950. In tow is the last BR gas-lit coach in service – a six-wheel design which closely resembles the new Hornby six-wheel carriages.** BRE 696 Colour Rail.

Below: **Liverpool Street east side station pilot 68619 in 1959. The locomotive was withdrawn in 1961 but was restored to original condition and is currently at Bressingham.** Trevor Jones.





Above: **Looking down on 'J69/1' 68578 at Kelvedon Lower Level, the condensing gear is clearly visible. This is in the same condition as represented by my model of 68635.** Transport Treasury.



with this feature on *KeyModelWorld.com*. Two self-tapping type screws hold the locomotive body to its new chassis through protruding lugs that locate in recesses in the chassis. However, resin is not as durable as plastic so do take care again at this stage - I managed to shatter one of the lugs when tightening the screw. I replaced this screw fitting by gluing an 8BA bolt in the front fixing and a 10BA in the rear. This meant I had to secure the chassis with nuts, which is not quite as convenient, but now the model is finished, separation of chassis and body would be only rarely required for work on the motor.

Looking at photographs, I noticed there is a pipe running underneath the footplate on each side of the locomotive, so I fashioned them from wire and fixed them in place at each end underneath the footplate. I also noticed that the guard irons were prominent, so I made them from brass sheet and glued them in place.

To make the guard irons I photocopied the 'OO' gauge side elevation of a 'J69' diagram which I found in *Historic Locomotive Drawings in 4mm Scale* by FJ Roche. Drawing over the guard irons in Photoshop gave me a template which I printed onto self-adhesive paper, and then stuck it on the brass shim which I was able to cut out with scissors and fettle with a file. I deliberately added 2 mm to the top of the guard iron which was bent over to allow for a good fixing point. The guard irons were bent to match the shape as seen in pictures.

ENHANCED PERFORMANCE

To improve adhesion and electrical conductivity, lead weights were stuck on the inside of the tanks and underneath the boiler. I also filled the smokebox by rolling a piece of lead. I managed to unfix the cab roof without damage to allow painting of the controls and easier fitting of a crew. Real coal was added into the bunker as a further finishing touch before painting exterior brass fittings and placing fireman's tools on the side tank. The original couplings were replaced with Bachmann 36-030 small tension locks to enable close coupling. A final bit of weathering and a lustre varnish, and the job was done. The BR model was treated the same but with more weathering.

The model does have some 3D printing lines in places, but these are not visible from normal viewing distances, and some parts are quite delicate. The GER cast plate is a little heavy on the GER model and an etched brass version might be preferable.

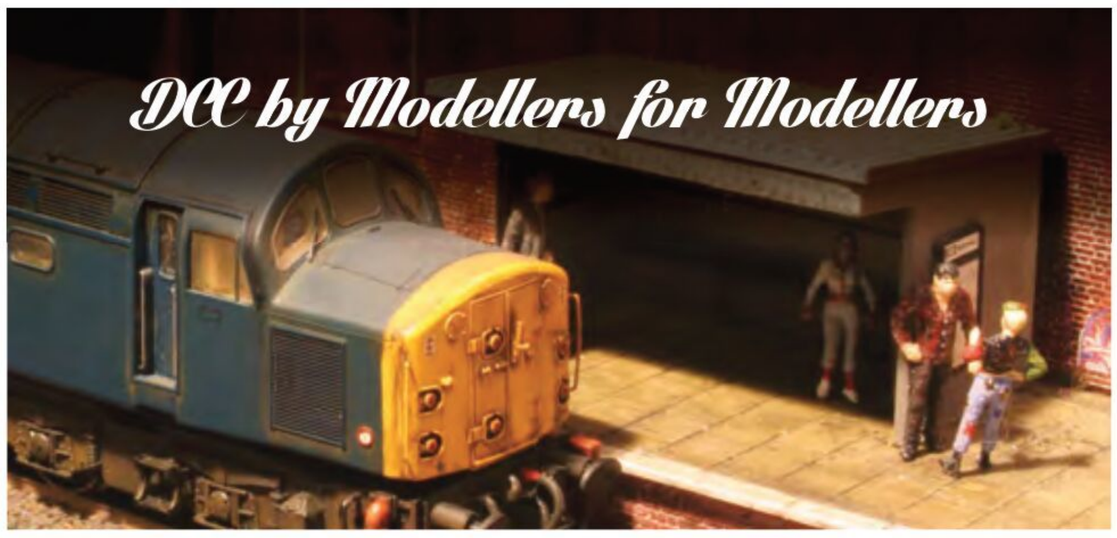
I would recommend the CDC Design 'J69' as value for money and a simple means of adding a unique locomotive to your fleet. The detail is very good, though not as good as the ultrafine injection moulded plastic bodies we get with ready-to-run products, but what models like this achieve superbly, however, is to fill gaps mainstream manufacturers may never get round to and provide variety to locomotive fleets – at a very competitive price. HM

FACTS AND FIGURES

Designer:	Holden
Built:	1890-1904
Withdrawn:	1931-1962
Builder:	Stratford Works
Purpose:	Commuter passenger, shunting and pilots
Original number in class:	140 ('J67'), 20 ('J69'
Power classification:	'2F'
Wheel arrangement:	0-6-0T
Weight:	40tons 0cwt
Driving wheel diameter:	4ft 0in
Length:	27ft 8in
Boiler:	Parallel
Firebox:	Round top
Boiler diameter:	4ft 2in
Boiler pressure:	160psi ('J67'), 180psi ('J69')
Motion:	Stephenson with slide valves
Cylinders:	Two, inside, 16.5in x 22in
Tractive effort:	16,970lbs ('J67'), 19,091lbs ('J69')
Coal capacity:	2tons 5cwt ('J67'), 2tons 10cwt ('J69')
Water capacity:	1,000gallons ('J67'), 1,200gallons ('J69')



'J67' 68511 stands with a North British Railway tender in 1949. In this view, it is ex-works from Cowlairs for working the Lauder branch. The locomotive survived until 1955 and the branch closed in 1958. Yeadon's Register.



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!

Friendly advice, support and installation services

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

KS MODELS
At the heart of model making

Hertfordshire's Leading Model Railway Specialist

www.ks-models.co.uk

HORNBY · BACHMANN BRANCH-LINE · PECO · HELJAN · GRAHAM FARISH · dapol · GAUGEMASTER · OXFORD · TAMIYA · AIRFIX · Expo

- ✓ All Major Manufacturers & More!
- ✓ N Gauge to O Gauge
- ✓ Tools, Paints & Materials
- ✓ Plastic Kits & Diecast
- ✓ Pre-owned
- ✓ Mail Order

SME news UK ENTERPRISE AWARDS 2020 — Best Traditional Model Shop in the Home Counties

01438 746616
Thurs, Fri, Sat, 10:00am - 5:00pm
19 Middle Row, Stevenage SG1 3AW

Airbrushes.com

With over 70 years' experience in the Airbrush Industry

LIFECOLOR ACRYLIC HOBBY COLORS

iwata

ALL-STAR VERSATILITY™
便利で多才

SPARMAX





Spray Scale:
Fine line to 2"
(0.35mm to 50mm)



Wide range of Airbrush Paints & Accessories

Iwata Eclipse Series Airbrushes - Known for versatility & broad spray range

2 New Compressors - Sparmax Quantum Orange

LIQUID PIGMENTS · COM•ART · aqua line · Alclad II · DARKSTAR

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

WEST HILL WAGON WORKS

Magnetic Close Coupling • Reliability • Making Uncoupling Easy



HUNT ELITE COUPLING

Compact Coupling System With Dual Polarity

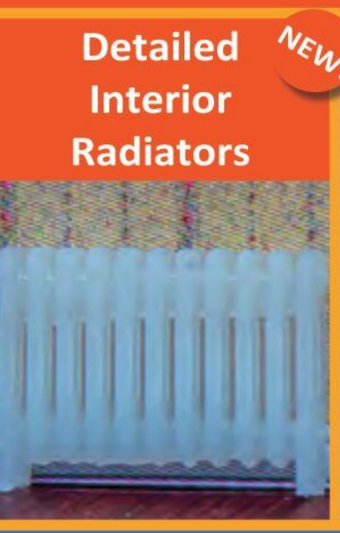
Available For N, 009 & OO Gauge, Fast Delivery, Order Online Or Call Us

Large Selection Of Magnetic Couplings For Your Locomotives, Coaches & Wagons

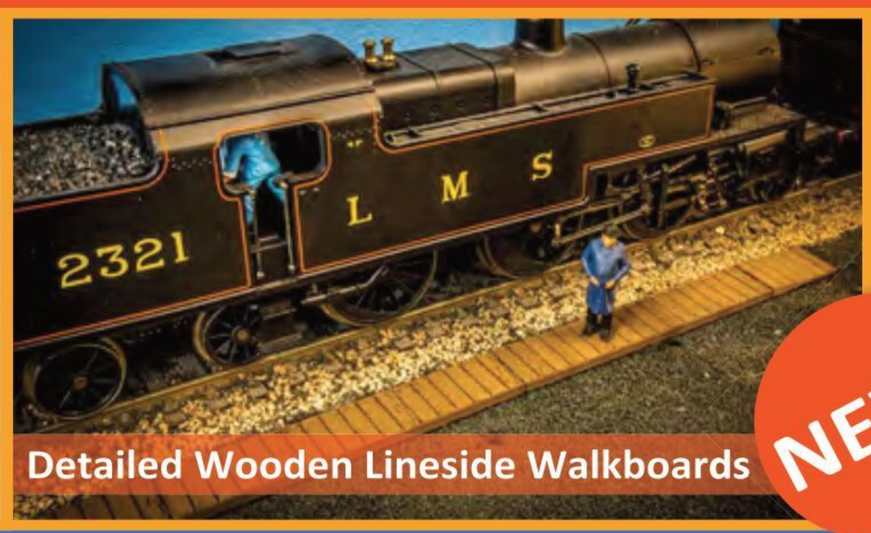


Make Uncoupling Easier With Hunt Magnetic Couplings, Offering Great Reliability On Inclines & Helix's

Detailed Drivers & Figures • Lineside Accessories • DCC Decoders & Speakers









New Releases In Our 99p Range, Lighting, Depot Accessories, Lineside Detail

WR Want To See Our Latest Products?

Demonstration Videos • Kit Assemblies • Reviews
Fitting Hunt Couplings • **Giveaways** • And Much More

Follow **Wardle Road** On facebook YouTube

Special Offer For Hornby Magazine Readers!

Get 10% Discount Using Code: **HornbyMagazine10** At Checkout

Checkout A Variety Of Products For Your Model Railway Online At

www.westhillwagonworks.co.uk

You Can Also Order Via Telephone: 01623 759939 or **Email:** huntcouplings@outlook.com

Dungeness

Based on a real location, this compact 'N' gauge layout models part of the Kent Coast with operations ranging from the steam era to the present day, as* FRED GARNER *explains.

PHOTOGRAPHY, TREVOR JONES

1 Dungeness models the South Coast branch line through the eras and includes features dating from the early 1900s, 1960s, 1970s and present day. A Graham Farish 'C' 0-6-0 arrives at the single platform station with a pair of 'Birdcage' brake coaches.

GAUGE 'N', 9mm | SCALE 2mm: 1ft | SIZE 6ft x 1ft | REGION SOUTHERN | PERIOD 1950-2000 | CONTROL ANALOGUE

THE SOUTH EASTERN Railway (SER) opened a branch line from Appledore to Lydd in 1881 with a further extension to Dungeness opening in 1883 before the main branch line reached New Romney in 1884. Grand plans to build a harbour at Dungeness as part of an alternative route to connect London and Paris were not realised, so passenger trains and freight to the sidings serving the Admiralty Signalling Station and adjacent gravel pits were the main traffic on the route.

In 1937, the New Romney branch was diverted closer to the sea and Lydd-on-Sea station was built to serve the growing number of holiday camps and homes being built along the coastline. As a consequence, Dungeness station was closed, with track being lifted by 1953. However, the building of nuclear power stations Dungeness A and B in the 1960s and 1970s created the need for a facility to load and unload nuclear waste for transportation to the Sellafield Reprocessing Facility, and a section of the line was reinstated for a flask loading gantry, which is still in use today.

THE MODEL

The model combines various aspects of the location's history, including the lighthouse built in 1904, the two power stations, the station building, gravel pits and the flask loading gantry. Trains from different eras are operated reflecting the variety of traffic that has used the line, including passenger and goods trains operated by the South Eastern & Chatham Railway, Southern Railway, British Railways, Network SouthEast, GB Railfreight and Direct Rail Services.



Dungeness is a compact layout which is just 6ft long and 1ft wide, including the storage yard area. A display board has been created to explain the railway's purpose and location.

Modern day traffic is modelled with nuclear flasks, a measurement train, inspection saloons and railtours. Additional interest is generated by aggregate trains that assume the shingle banks were worked beyond the 1980s and military trains to the ranges at Lydd, which have not operated in reality since the First World War.

The model is built to 'N' gauge and is broadly based on the original layout of Dungeness station with a single platform, run-round loop and sidings for loading gravel. A timber hut sits atop the ash and shingle platform behind a sleeper riser wall – remains of which are still visible in the Romney, Hythe and Dymchurch Railway café car park. Imagining the branch line remained open beyond 1937 allows the nuclear power station and flask loading gantry to be modelled, albeit somewhat closer to the station area than in reality. Further compression of scale brings the only bridge on the branch line into the scene as a scenic break to the off-scene storage yard.

The landscape around the station includes the old lighthouse, replaced by a modern original in the 1960s due to its light being obscured by the building of the power station. Flooded gravel pits, a notable feature of the area and a result of one of the original reasons the line was built, are shown in their modern-day use as a venue for wind-surfing. A grounded »

coach body in use as a summerhouse and upright sleepers formerly used as fence posts, and still visible today, provide a guide to the old track-bed and variation to the gorse covered expanses of shingle.

Originally shown in Ashford between 1993 and 2000, mostly at the much-missed Kent and East Sussex Ashford Area Group exhibitions, the layout was in storage between 2000 and 2019 whilst family, work and other modelling activities were prioritised. Participation in the Great Model Railway Challenge in 2019 (HM160) led to an invite to exhibit at Hornby's One:One open day in August that year, offering an opportunity for refurbishment and updating to bring the layout back to life. In particular, a display board was added to the front of the layout with photographs of the branch-line today and an explanation of its history.

CONSTRUCTION

The baseboard and track were built by Bob Sharp, a very skilled modeller from the West Midlands and neighbour of my parents in Bromsgrove who died in the early 1990s with the layout incomplete. Bob's widow Eileen asked if we would like the board - which was partially wired with live points operated by stud and probe and a Gaugemaster feedback controller – neither of which I had worked with before. With the help of Bob's build notes and some trial and error, I was able to complete the wiring and consider how to complete the layout. I had by then moved to Ashford and had discovered Romney Marsh and Dungeness, and through exploration of the area and its railway history the plan began to evolve. Reference books such as *Hastings to Ashford* (Middleton Press) and *Branch Line of the Southern Railway* Volume 2 (Wild Swan) were invaluable in this process, shaping my ideas for the development of the landscape on the model and how to create atmosphere and ambience of this remote corner of Kent.

An integral part of the layout is the backscene which incorporates the low-relief power station, providing scale, colour and a sense of depth. This was created by my father, Jeff Garner, and is shaped to complement the scratchbuilt lighthouse which stands at the left of the layout just beyond the station headshunt, dropping to a lower level behind the gantry crane and road bridge to the right. The backscene is painted to represent the blue skies and white clouds of a warm spring day, complementing the buff, yellow and green of the sand shingle and gorse. A deep green pelmet and casing that frames the model contains recently installed LED lighting strips, providing illumination to bring the colours to life – one of the advances in technology from which modellers have benefitted since the model was first conceived.

MODERN MODELS

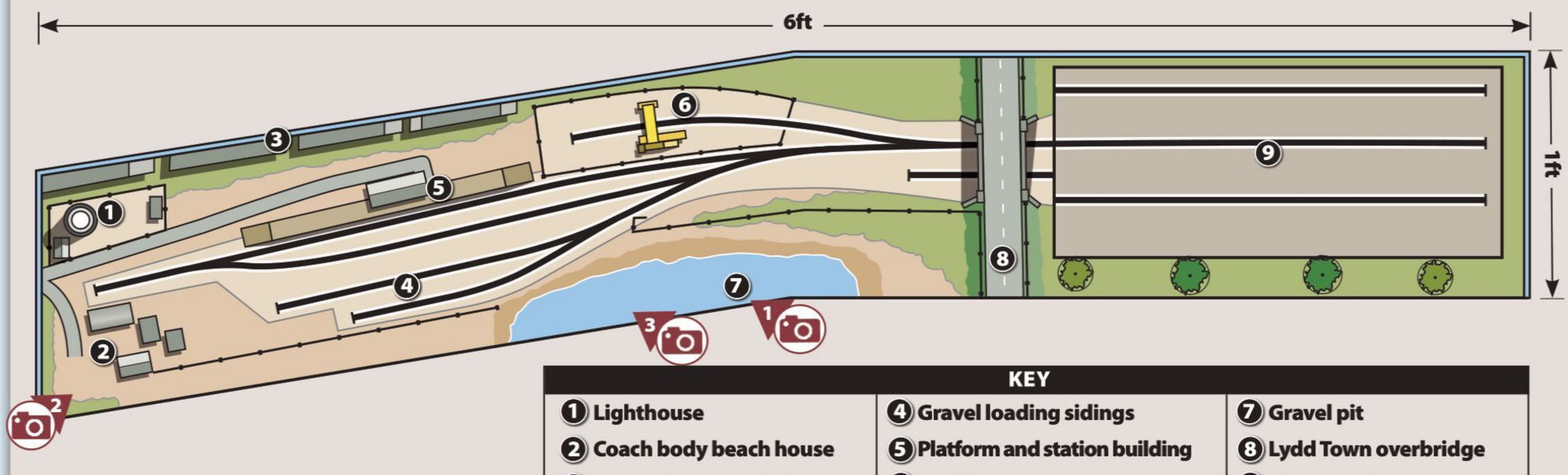
A further and more noticeable area of improvement in the 30 years of the model's lifespan is the availability of locomotives and rolling stock. When first built, it was operated with the much loved and popular products of the day; Minitrix '2MT' 2-6-2T and Class 27 and 47, Graham Farish 0-6-0T, DMU and Class 20 and 33 diesels together with a Lima Class 31, plus rolling stock from the same companies, Peco's ubiquitous wagons and Roco's military range. Today, these have been replaced with a fleet that more accurately represents the locomotives and rolling stock that have traversed the branch over the years, in both class and in livery and branding. Dapol's Terrier, Class 73 and Class 66 and Graham Farish's 'C' 0-6-0, 'N' 2-6-0 and Class 37 provide the haulage to 'birdcage' coaches, Maunsell coaches, measurement coaches, aggregate wagons and flask wagons. Only Peco five and seven plank wagons and Roco's military wagons have survived into the new era of operation.

When operating, a three-track sector plate capable of holding two coaches with top-and-tailed locomotives or rake of wagons provides enough capacity to keep a variety of traffic moving on the branch. In all of the eras represented, passenger services are interspersed with freight and specials, with a wide variety of liveries adding colour to the layout.

Dungeness has since spent time on display in Ashford as part of the AIMREC project, but is now back in storage while a new venue is sought for the project. Reaction from local people who have visited the real location by the Romney Hythe and Dymchurch Railway is always positive, many of whom are not aware

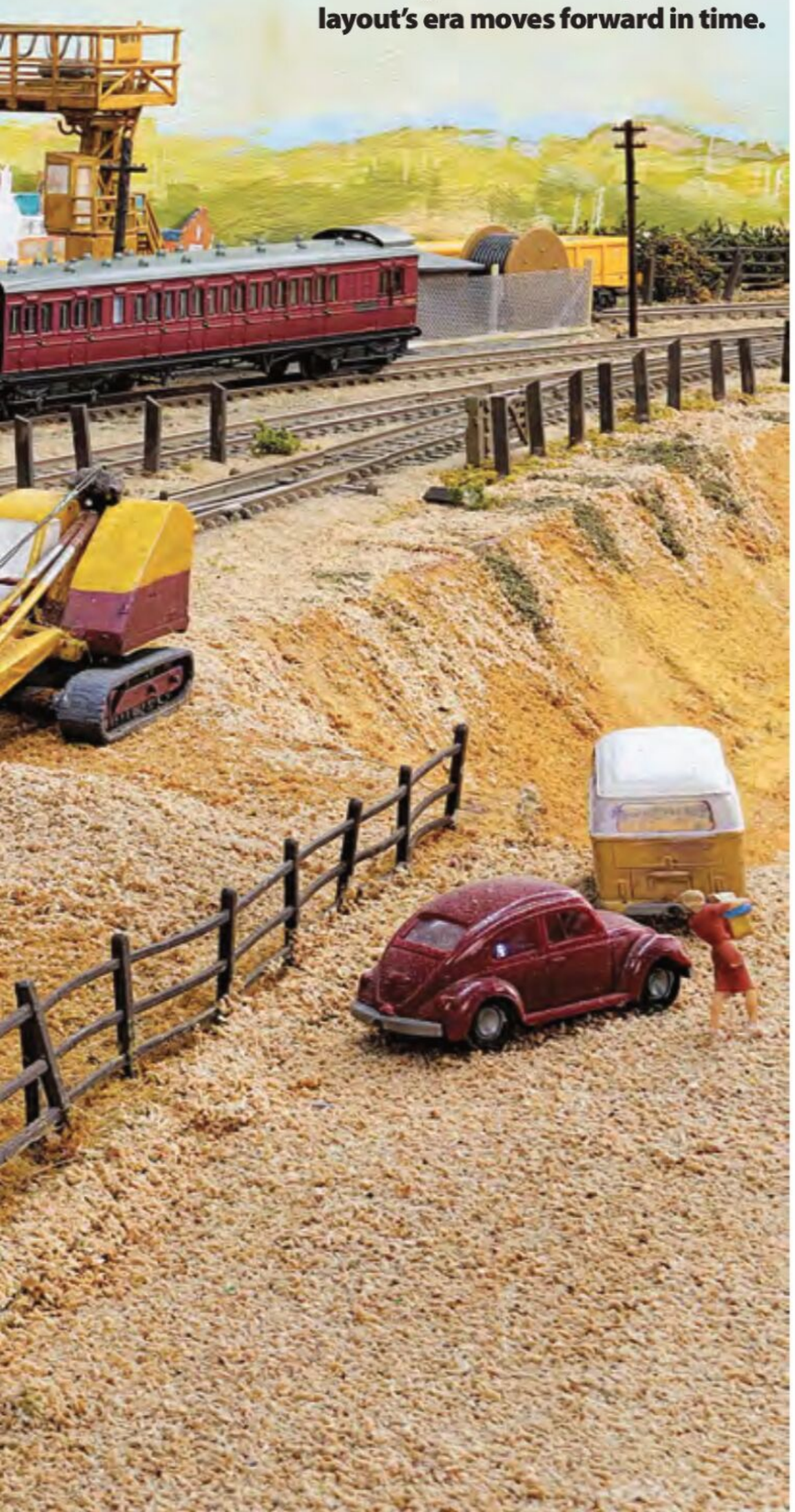


DUNGENESS TRACK DIAGRAM (Not to scale)



KEY		
1 Lighthouse	4 Gravel loading sidings	7 Gravel pit
2 Coach body beach house	5 Platform and station building	8 Lydd Town overbridge
3 Low relief power station	6 Flask loading gantry	9 Three road sector plate

of the history of the location or where to find the remains of the standard gauge railway that once ran there. Hearing memories of people who recall travelling on the branch to New Romney, or less frequently, Dungeness, as a child *en route* to the seaside, is very interesting and rewarding. It is good to know that a model Bob Sharp started some 30 years ago is still providing enjoyment for many people, not least the three generations of the Garner family who have contributed to its design and construction, and who still enjoy operating it and sharing its history. Hm



2 An ex-SECR 'C' 0-6-0 draws to a halt at Dungeness representing a late 1950s era steam working. Through changes to the rolling stock, the layout's era moves forward in time.



3 A 'Dutch' livered Dapol Class 73 collects a nuclear flask wagon from the sidings alongside the station. The lighthouse dominates the skyline alongside low relief models of the power station which was built in the 1960s and '70s.



First choice for all your track ballasting needs

Achieving the very best in exacting miniature form

Suitable for N, OO/HO, O and G gauges

Email for a FREE sample:
info@naturalscenics.co.uk

NATURAL™ SCENICS
realism in minature

01353 720111
www.naturalscenicsonline.co.uk

SR Hobbies

From our hobby To yours

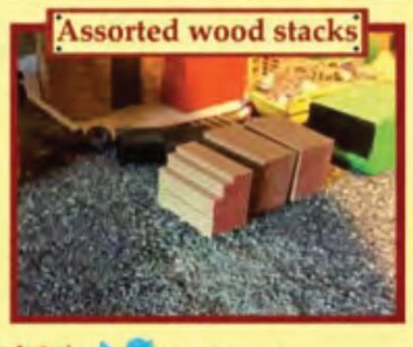
We strive to cover every aspect of your modelling needs whilst providing a high quality, low hassle product every time. Over 200 of the products in our range are 3D printed.

Our latest products









facebook.com/S.R.lights.code3s/ @SRhobbies
@Shedringhobbies SR Hobbies

www.shedringhobbies.co.uk
07754 898 640

DMG electech
DMG Technical limited

NEW DCC Controller coming soon
Electech Range of DCC Decoders
Now in stock at offer prices


Cable single and Bi color




Multicore


Diodes


Pushbuttons


Nylon fixings


Resistors


LED's


Crimp's

LAYOUT WIRING

Colours: rd, yl, bl, bk, wh, gn, pu, or, gy, pk, br

Multistrand wire				10m	100m
EW07/0.2	1.4amp	7 strands of	0.2mm wire	£1.60	£11.40
EW16/0.2	3 amp	16 strands of	0.2mm wire	£2.30	£17.99
EW24/0.2	5 amp	24 strands of	0.2mm wire	£3.29	£26.25
EW32/0.2	7 amp	32 strands of	0.2mm wire	£4.29	£36.00

DCC Decoder Tester


Only £28.99


Now with 3 year warranty

21 pin 6 function
DCC Decoder was £23.99
offer price £20.99
8 pin 6 function £19.99

LED'S

LD14	12v 3mm rd, gn, yl	40p
LD32	As above in white	40p
LD15	12v 5mm rd, gn, yl	40p
LD11	1.8mm LED rd, gn, yl, amber	30p
LD31	As above in white	70p
	Mounting clips 3 & 5mm	8p

MIN TOGGLE SWITCHES

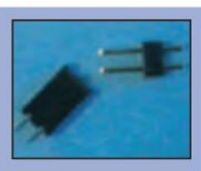
SP/DP single/double pole, ST/DT single/double throw



	each 1+	20+
SMT1 on/off SPST	£1.20	£1.12
SMT2 on/on SPDT	£1.20	£1.12
SMT3 on-off-on SPDT	£1.25	£1.15
SMT4 on/off or on/on	£1.30	£1.17
SMT5 on-off-on DPDT	£1.40	£1.30
SMT6 [on]-off-[on] SPDT	£1.60	£1.45
SMT7 [on]-off-[on] DPDT	£1.90	£1.70

Lever covers **20p** • CC5 connectors **8p each**

TINY CONNECTORS



Used with our tiny connectors are ideal for joining engine to tender for extra pick up:
CMP100 2 pin 3/8" x 3/16"
CMP101 3 pin
CMP102 4 pin.
Double rows are available.
1+ 60p pr 10+ 55p pr 25+ 50p pr

DIN PLUGS & SOCKETS



PLUG		SOCKET	
CDP9 3 pin	65p	CDS9 3 pin	65p
CDP3 4 pin	65p	CDS5 4 pin	65p
CDP6 5 pin 180°	70p	CDS5 5 pin 180°	65p
CDP3 5 pin 240°	70p	CDS5 5 pin 240°	65p
CDP3 6 pin	75p	CDS5 6 pin	65p
CDP3 7 pin	80p	CDS5 7 pin	65p
CDP3 8 pin	85p	CDS5 8 pin	65p

TAG BOARDS & TERMINAL BLOCKS



CTB2	Mini Tag Board 2 rows x 18 117mm x 38mm	£2.45
CTS1	Standard Tag Strip 28 way x 267mm	£2.50
CTS2	Mini Tag Strip 28 way x 194mm	£1.90
CTB4	Screw Terminal Block 3amp	80p
CTB5	As above 5amp	95p
CTB6	12-way Plug & Socket 6amp	£5.50
CTB10	As above, but 10amp	£6.95

PRODUCTS FOR ALL GAUGES

- Diodes
- Relays
- Capacitors
- Sensors

All at great prices
Phone for advice.

See our website for details of SPECIAL OFFERS

www.dmgelectech.co.uk

Fast Efficient Service
P & P only 3.50
Free for orders over £100

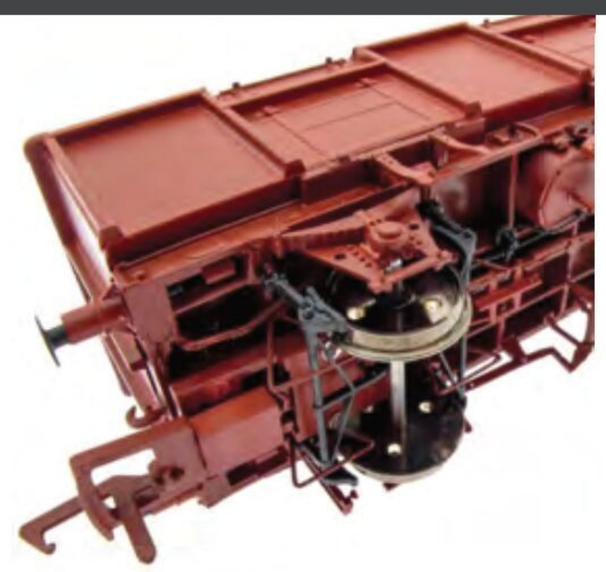
DMG Technical Ltd - Tel: **029 20813136**
Unit 10, Glan-Y-Llyn Ind Est, Cardiff Road, Taffs Well, CF15 7JD
Email: **sales@dmgelectech.co.uk**

VISA MasterCard PayPal Maestro

POWERING BRITAIN RANGE, BY

accurascale

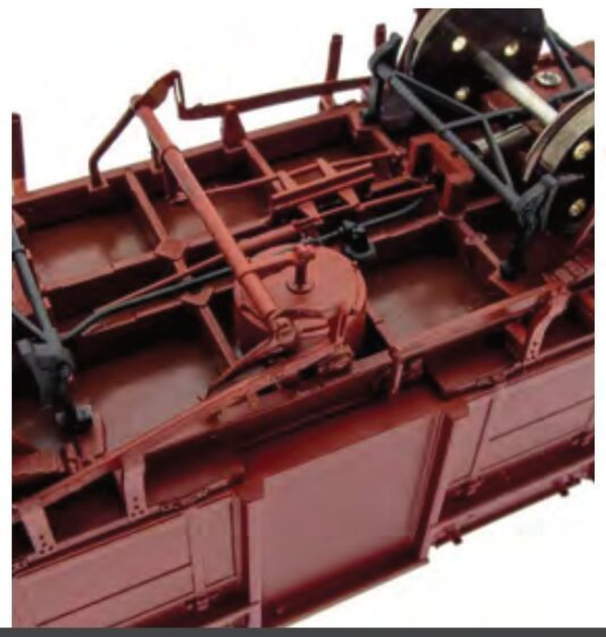
WWW.ACCURASCALE.CO.UK

















THIS IS NO WINTER OF DISCONTENT...

MDO/MDV 21T WAGONS

POWERING BRITAIN IN 1:76.2/00 SCALE. ARRIVING Q3 2021

FROM JUST £22.40 PER WAGON. PRE-ORDER DIRECT OR THROUGH YOUR LOCAL STOCKIST













North Cornwall Brewery

CONSTRUCTION

In the second visit to **MALCOLM BRIGGS'** *latest 'OO' gauge layout, he explains some of his novel construction techniques which help to set the scene.*

PHOTOGRAPHY, MIKE WILD AND MALCOLM BRIGGS

1 North Cornwall Brewery has been built as an exhibition layout and one which creates the illusion of a theatre setting by hiding the entrances and exits as well as its operating crew. Bulleid 'Q1' 33009 leads a short goods train through the brewery yard before heading back to the BR network.

GAUGE 'OO', 16.5mm | SCALE 4mm: 1ft | SIZE 16ft x 2ft | REGION SOUTHERN | PERIOD 1960s | CONTROL ANALOGUE

THE NORTH CORNWALL Brewery is my latest 'OO' gauge project which made its debut in the January 2021 issue of *Hornby Magazine* (HM163). Following on from that introduction here I will go into greater detail about some of the construction techniques used where they differ from a more traditional approach.

I'm conscious that many people, including me, like to see around the back of layouts at exhibitions to see how they were put together and take the opportunity to ask how things were done – and that's something that we haven't been able to do during 2020. This layout has been a test bed for some new approaches and some of them might be worth you considering for your next project, or you might just be intrigued to find out more.



Initially a foamex frontage was created to display the layout and make the scene fully enclosed.

CONSTRUCTION

Working in the exhibition industry means we are used to building structures that have to be transported and erected quickly. I thought I would use a lot of the techniques from that industry and see if I could make a model railway for exhibition use which was equally lightweight, portable and quick to assemble.

For exhibition stands, we use something similar to stage flats – they are constructed from 4mm plywood with a 2in x 1in frame and are very light. I took a couple of panels from a stand that had finished its life and made those the baseboards. I made the support frame from aluminium plug-together reusable stand framing that we have a large quantity of in the warehouse. To enhance the presentation of the frames I attached a magnetic front panel assembly made from Foamex (4mm sheet plastic) to make the 'proscenium arch' and used halogen lights through a stretched muslin cloth which looked fantastic. I even made the whole stand so that it hinted at BR totem signs.

Unfortunately, at that point, I bought and read Iain Rice's book *Creating Cameo Layouts* which talks all about setting a layout in a frame and how to light it properly. At this point, I realised I needed to throw the support frame and proscenium away and start again! Why? I had made a basic mistake that most exhibition layouts suffer from – overhead lights without lighting coming from the front, so rolling stock and buildings on the front of the layout are in shadow. I was particularly annoyed about this as my previous layout, Knight's Hill, had a bank of halogen lights suspended in front of it to overcome this very problem. And I had forgotten it.

Also, the frame would take too long to erect at exhibitions – Iain recommends the use of B&Q adjustable height trestles and curtaining. That was what I changed it to and, in theory, it should have been better – but see what happened next.

After tracklaying and wiring, there was a bit of a lull and the layout sat in the workshop through the scorching summer of 2018. When I went back to it, I thought I ought to test all the wiring before I carried on and found, to my horror, that the baseboards had both sunk into U shapes due to the minimal support between the trestles. This had caused a hump to appear at the baseboard joint right in the middle of the layout. I could have wept!

I simply couldn't face starting again so I turned the layout upside down and put every heavy weight we had on it for six months. It almost did the trick but there is still a bit of a hump going into the engine shed. My excuse is that it is an industrial layout and they never maintained their track that well.

Re-reading Iain Rice's book I now realise that I had missed the part that talks about substantial girders stretched between the trestles on which to place the baseboards. Hence the first lesson – read *all* of the instructions!

Now there are very solid aluminium 'L' girders and timber supports placed on the trestles before the layout is put on top and they have stopped any further sagging. It just makes for more things to transport to exhibitions. At the moment, they are the full length of the layout (4m) but I am experimenting with laminated 'I' beams that could be jointed without tending to sag in order to reduce the number of long pieces we have to transport. Alternatively, the supporting beam could be split unequally in order to line up with a trestle.

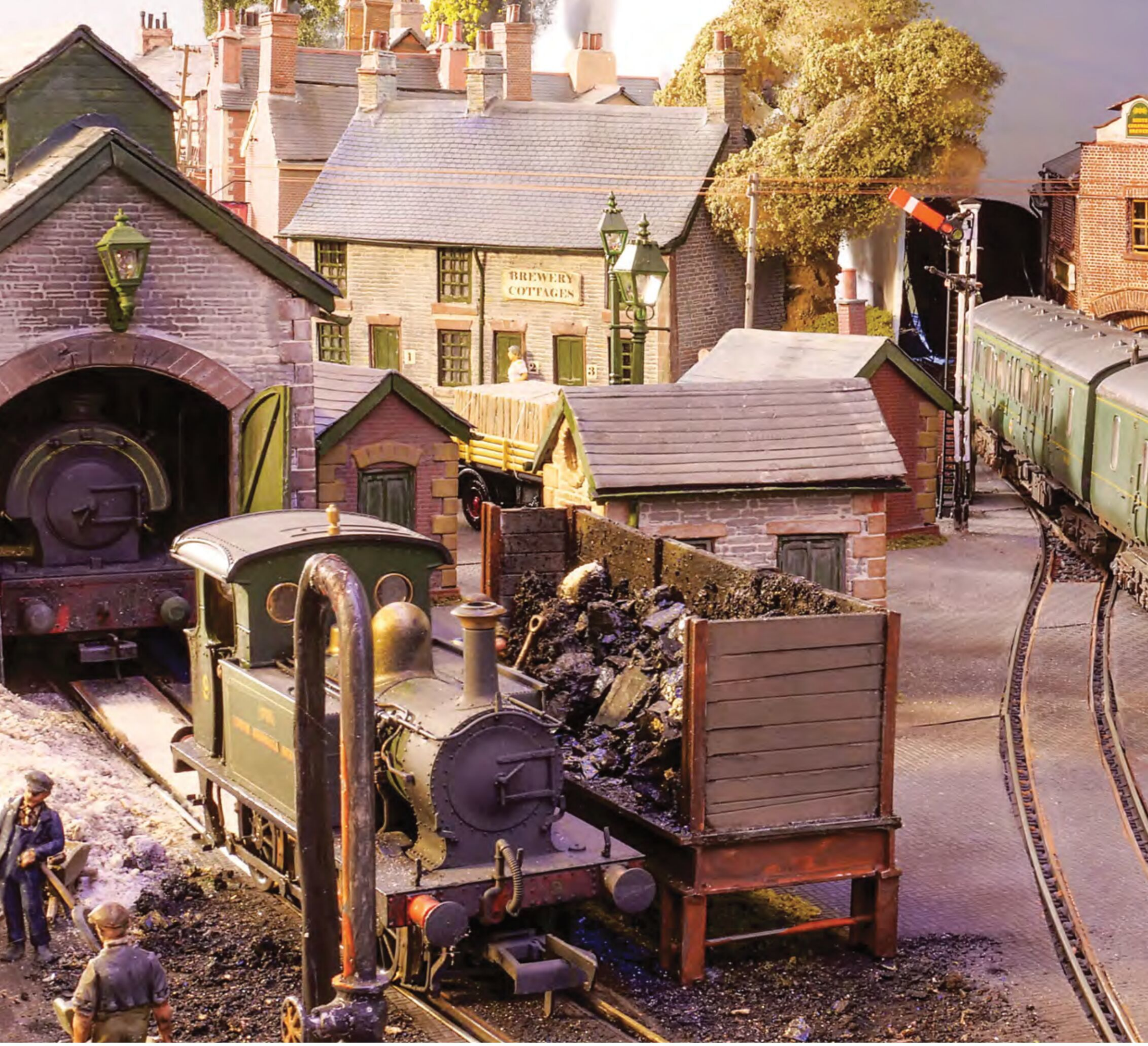


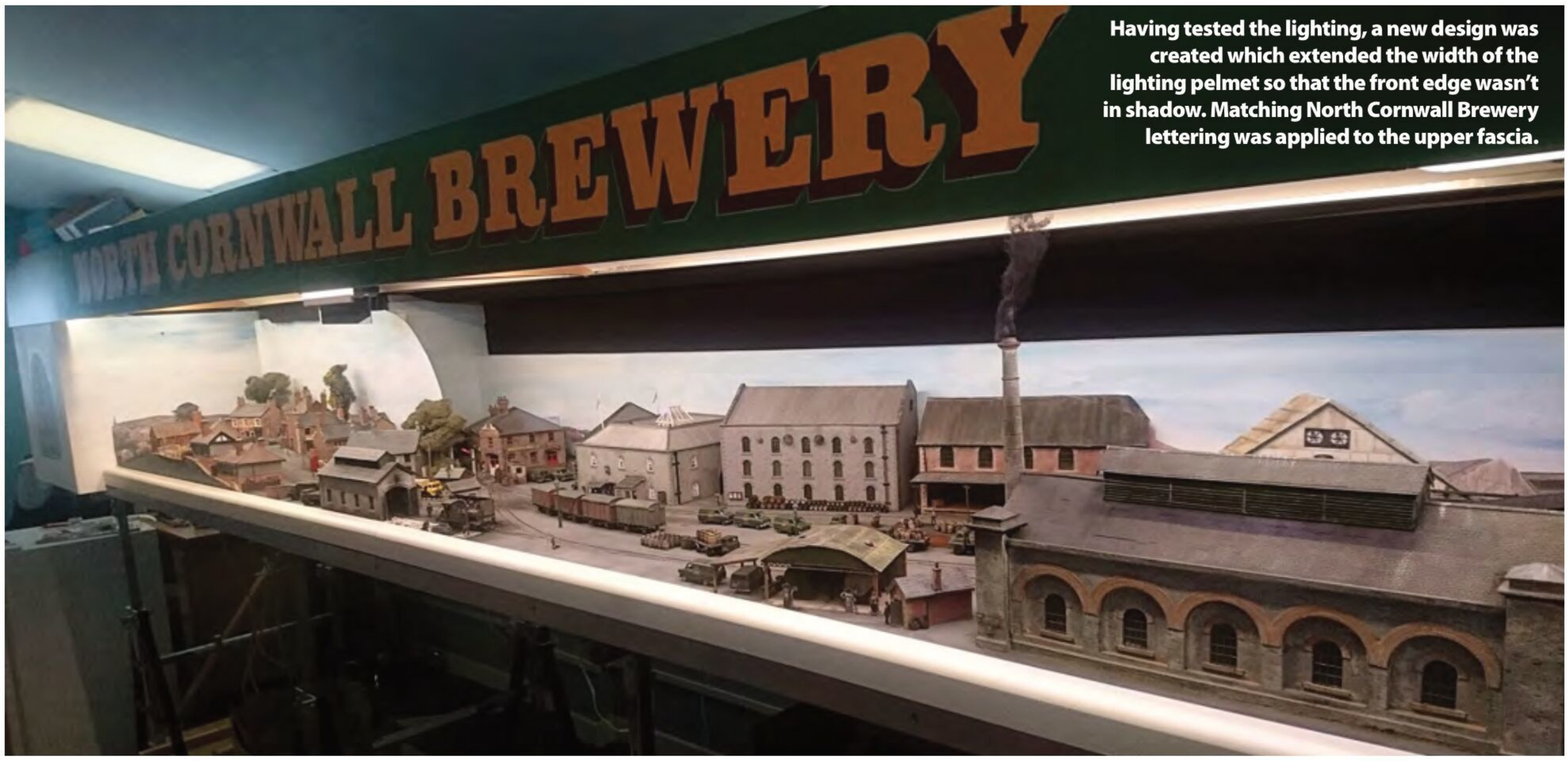
A cloth panel softens the lighting for the layout and helps diffuse it across the scene. This early view is prior to modifications which extended the lighting to cover the front edge of the layout.

THE PROSCENIUM

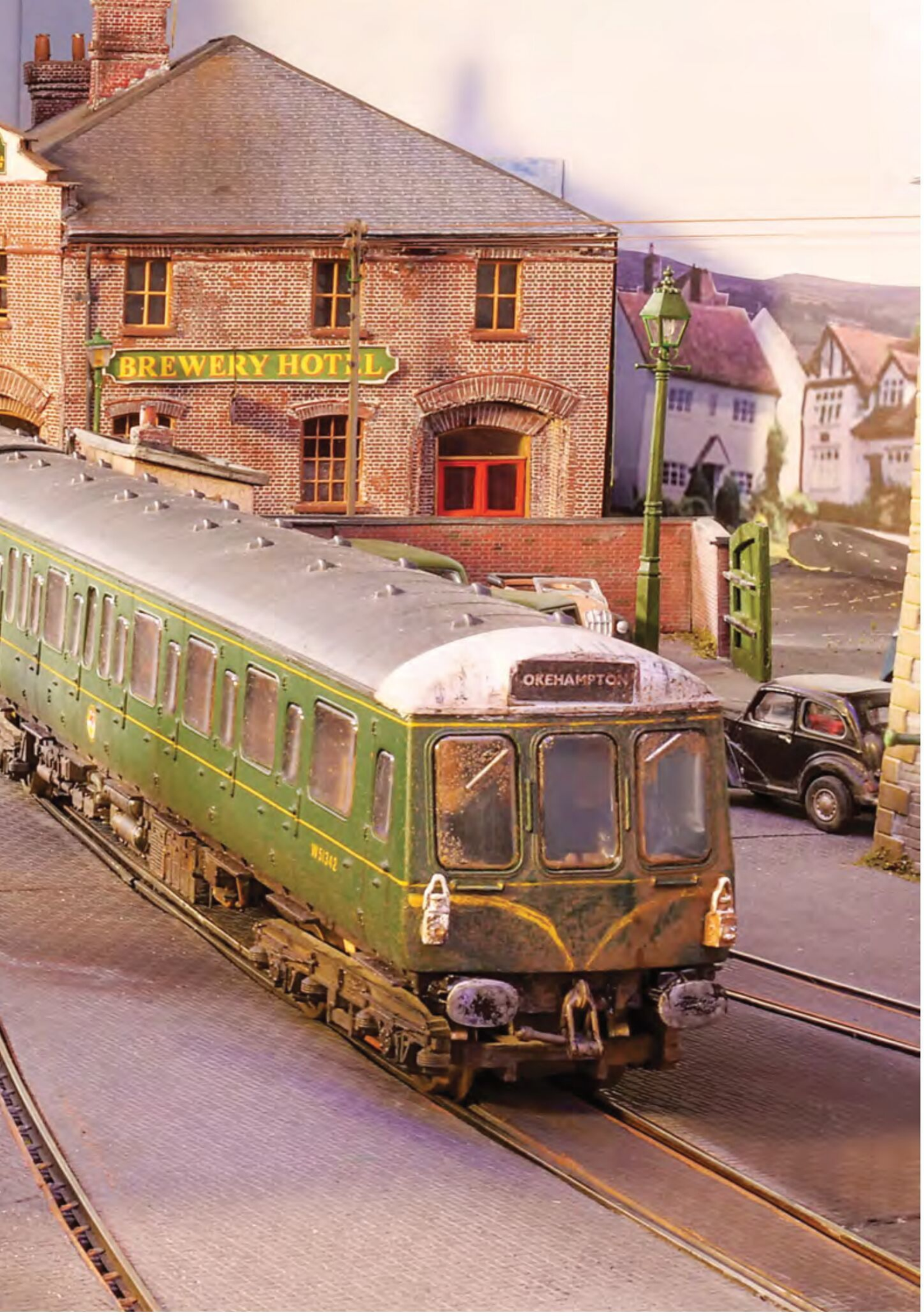
I went for a full proscenium without any visible means of support which had to be in front of the layout, for the lighting reasons explained earlier. Boxes were built around the storage yards which jut forward by 4in and a nameboard is fitted over the layout. The nameboard splits in two for transport but achieving a 10ft span with no support or sagging took a lot of experimentation.

In the end, we found that two approximately 4m long aluminium angles would sag by about an inch if just fixed to the storage yard walls, which was clearly unacceptable. However, if they are attached to the outermost walls and then 9mm packers are placed on the inner storage yard walls, this forces the aluminium up and ensures they are level by the time they reach the middle and no sag is apparent. »





Having tested the lighting, a new design was created which extended the width of the lighting pelmet so that the front edge wasn't in shadow. Matching North Cornwall Brewery lettering was applied to the upper fascia.



2 Careful positioning of buildings and trees disguises the main entrance to the scenic area from the storage yard. A Class 117 DMU enters the yard between the Brewery Cottages and Brewery Hotel.

I suppose it is the sort of principle that suspension bridges work by, but ours is then strong enough to take the roof and nameboard without sagging. This means two more 4m long items to take to shows and I am not sure how this could be split or jointed without losing the suspension principle. I am, however, keen to find a solution as the rest of the layout would pack into a smaller vehicle and we only have to go for a large van to accommodate these long beams.

UNDERLIGHTING

Although the layout was originally wired up with it resting on its side, all subsequent work has needed it to be the right way up and so we have the eternal problem of soldering upside down, usually in dark corners. My solution to this is to fit cool white LED strips to the underneath of the layout – in this case on the long supporting girders.

These can be turned on and flood the whole under-layout area with bright light for working on and avoids the use of torches, lamps or head torches. It was definitely one of the best things I have done on the layout so far and I think it will be a great benefit when we take the layout to exhibitions and that inevitable gremlin creeps in.

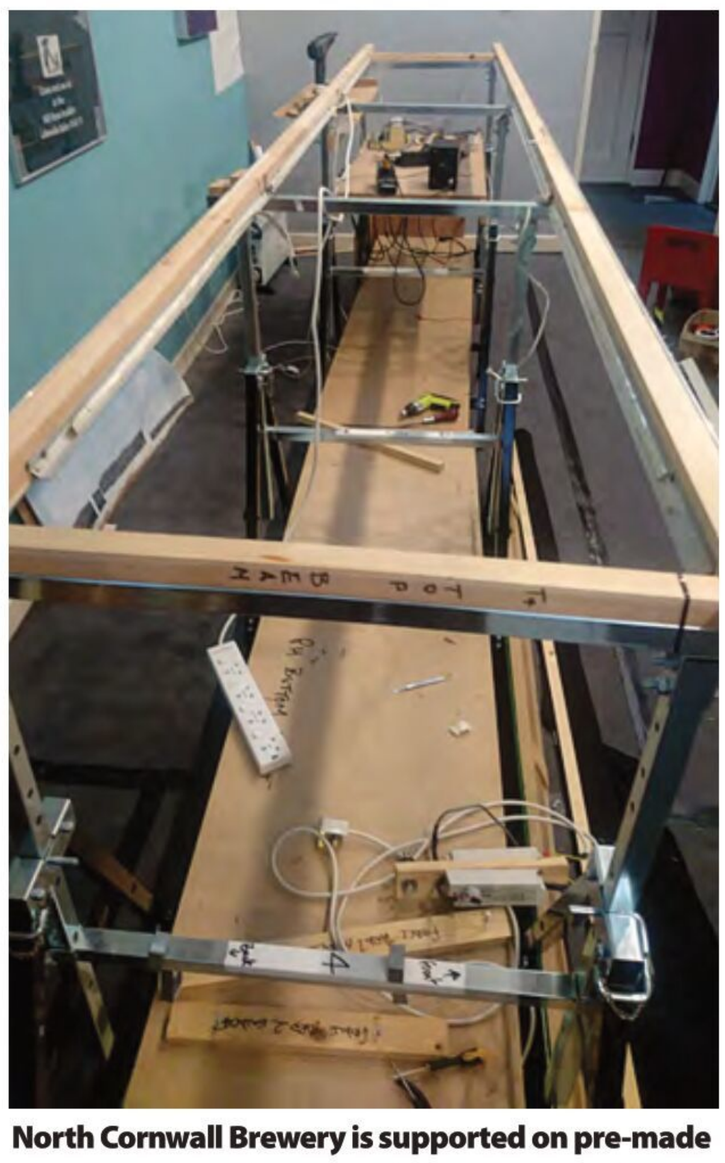
THE ROOF

This is where I definitely stepped off the 'normal' train. I wanted to enclose the layout entirely – partly to eliminate the chance for dust to fall on it but mostly so that we could play with different lighting effects and create a night-time scene without having to enclose the entire layout, as we did with Knight's Hill.

The problem I faced was how much weight could I put on the aluminium angle beams without causing them to sag? The answer was not a lot, so I looked around the workshop for lightweight materials and found some printed corrugated card about 6mm thick that has previously been a display on an exhibition stand. I wanted the lighting to be higher than the viewer's eyelines and so I had the idea of curving the roof, rather like an overall roof on a London terminus railway station – Paddington, for example. By cutting longitudinal slits about 50% of the way through, I persuaded the cardboard to bend into an arc and I then attached plywood ends. Trying to screw through the card into the plywood was not going to work so a thin plywood strip was laid on top of the ends and screws pass through that, through the corrugated card and into the end grain of the end plywood profiles.

It worked perfectly first time and I would always recommend this method, so find an exhibition contractor or display company near you and ask them for old display panels. You can buy the material new but the minimum quantity would be prohibitive. You could also use what I know as 'bendy MDF' – thin MDF with a number of slits in it, but it would be heavier if that is an issue for you. Also, make sure the slits go in the right direction – the sheets are made with either vertical or longitudinal slits.

Finally, I debated how to dress the front of the layout. As part of the day job, I have to order large, printed panels for exhibition stands and it struck me that we could use these for the area at the front under the layout itself. I had a long piece of curtain made (about 7m long) with Velcro all the way along it to attach to the frame and weighting stitched into the bottom turn-up and then it was printed with the brewery name in the correct »



North Cornwall Brewery is supported on pre-made metal trestles which carry girders along the full 4m length of the layout. The baseboards are positioned on top of the girders.

font. It looks brilliant but consumed the entire railway budget for quite a long time! The principle is valid though – it would be easy enough (my wife assures me) to replicate in an unprinted form from curtain material and some broom handles.

DUST

I always think you can spot a layout that lives in the open by the layer of dust that settles on it and gets ingrained into the scenery. Both storage yards have wooden covers and the layout itself has the overall roof, but in addition it has a 'night sheet' which comes over from behind the nameboard. This is a common concept on exhibition stands to hide product displays from sight overnight but I have never seen them used on model railway layouts. It particularly serves to keep sawdust out from the workshop while the layout is at 'home'.

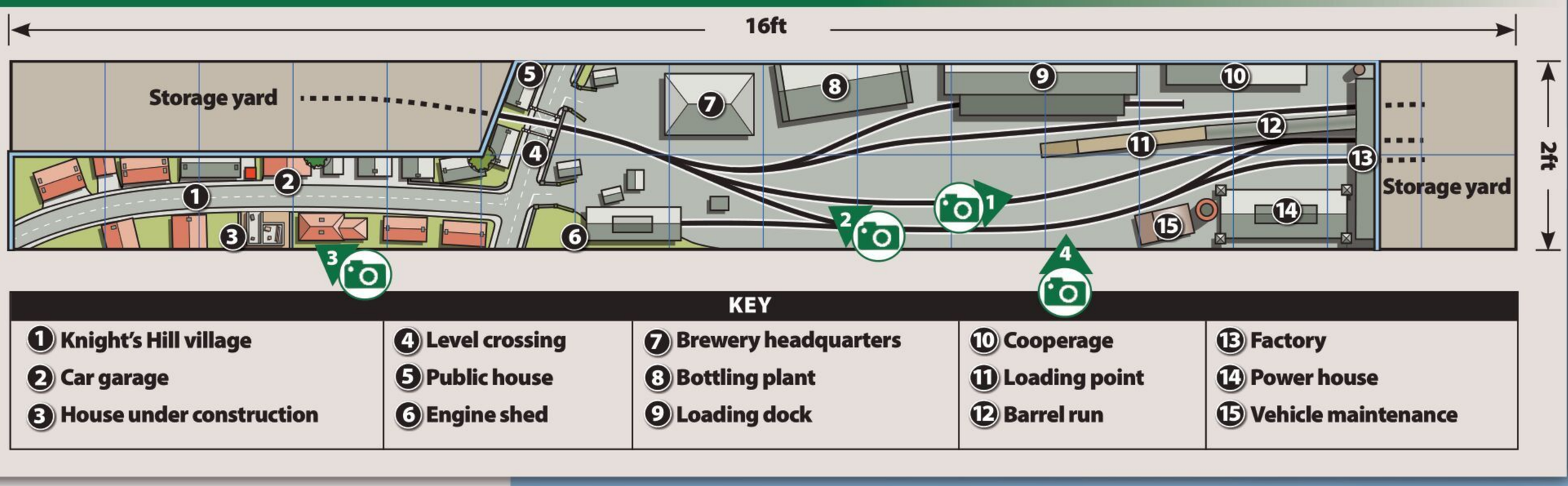
LIGHTING

The lighting is LED tape with the front-most strip being installed right on the edge of the overall roof placing it in front of the layout. There are two lengths of warm white LEDs, one of cool white and one of blue. The warm whites are on one dimmer switch and the cool white and blue on another. We can therefore dial up any time of day or any season, like stage lighting, but the normal position is 10% blue, 10% cool white and 50% warm white which gives a good impression of a normal summer's day.

Interestingly, if you turn all the lights off for a night scene, it's too dark – we have to leave some blue light on and it seems more realistic.

TRACK LAYING

I opted to switch to Peco Code 75 (from Code 100 on Knight's Hill) in view of its finer profile. Although it looks better, I found it very easy to rip the rails out of the chairs when cutting it with a carborundum disc. Also, I was trying to be clever by neither pinning or gluing the track down, using a special double-sided tape we use to stick exhibition carpet down which enables re-positioning and easy removal without any movement during the show instead. This was partly driven by a depth of baseboard top of only 4mm »





3 **Lighting has been a key element of the North Cornwall Brewery's presentation. LED lighting in three colours allows the time of day to be changed through lighting controls. All the buildings are lit too.**



An important but sometimes overlooked aspect is the need to keep a layout free from dust both at home and during closed periods at exhibitions. A large dust sheet hangs over the layout when it is not in use.



Similarly important to keep clean are the storage yards. These are boxed in with plywood panels when the layout isn't in use.





4 To allow for hands free shunting, manual uncoupling devices have been embedded into the trackwork which are popped up using rods under the baseboard.



A curved roof has been made to support the LED lighting. Four strips have been installed in three colours all of which can be controlled to adjust the colour and brightness of the lighting.

and also the desire for a quick build.

It was very successful and the track is well-fixed and very easy to ballast as the base layer also sticks to the tape. The only downsides are that all manner of bits and fluff stick to it in the storage yards where there is no ballast and that repositioning it is impossible as you just leave the sleepers behind!

POINT OPERATION AND UNCOUPLING

Having always previously used Peco point motors, I thought I would move to a more realistic action by using Tortoises. Fitting them was a challenge as the baseboards are only 4mm thick and there was no way I could attach them so I had to put patches of 18mm plywood screwed and glued underneath the points.

Whilst I like the slow action, I would not use these motors again for two reasons. Setting them up so that they throw the point sufficiently is tricky and the wire supplied is not thick enough to fill the hole in Peco point tie bars – all the movement is taken up in slop. I changed the wire for a thicker version but keeping them in perfect throw seems to be an ongoing problem.

The second issue is that these motors are permanently 'on' and so they give off a low hum. Put a number of them on thin plywood and you get a loud, low hum which I have only been able to reduce to reasonable levels by turning the power down. It does mean the throw is very slow and catches me out at times when I am shunting. At least I'll be able to have them louder and quicker at exhibitions where there is already a good deal of noise.

I didn't want solenoid-operated uncoupling ramps because of the loud buzz they emit when activated. I also can't bear the illusion-shattering 'Hand of God' in a manual uncoupling action so instead went for the most basic alternative.

Part of the brick paving infill was cut out and fixed to the top of two nails. These pass through the board and into a small piece of wood. An operating rod fits into that and pivots through another piece of timber stuck to the underneath of the baseboard. The operating rod passes through the edge of the baseboard framing at the back and all you have to do to uncouple is to press the rod down. Gravity takes it back to the closed position and as the operation takes place under at least two vehicles, people generally can't see it happening. Then they ask to see it operate so they can work out how it happens.

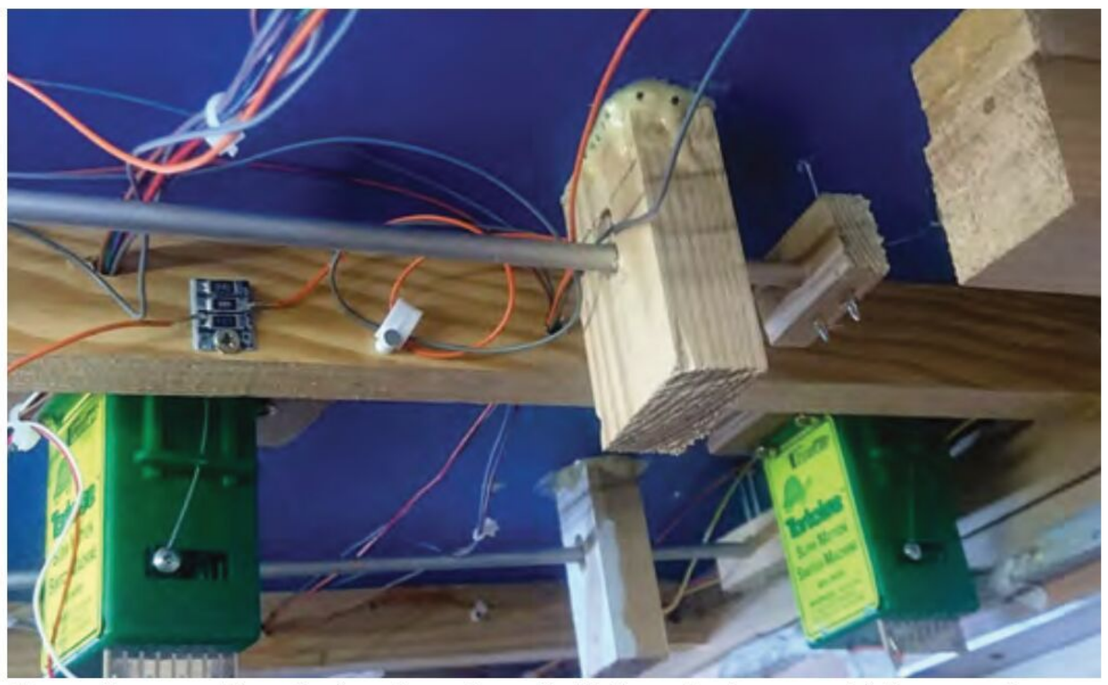
THEATRE

I am a firm believer that a model railway is like a theatrical performance and that no-one should be able to see an operator or anything that disturbs their moment of illusion. Above the backscene is a black curtain which only needs to be parted slightly for the operator to see what it is happening. The storage yard operators can see the layout via small cameras fitted to the roof and have their own screens above the storage yard.

Also stolen from the theatre is the use



Lighting isn't restricted to visible areas. To assist in construction and maintenance, LED lighting strips were added underneath the baseboards.



Manual uncoupling devices have been built into the layout which use rods placed under the baseboard. These lift short sections of the paving between the rails to uncouple locomotives and rolling stock.

of a wing to hide the entrance to the exchange sidings/storage yard. This is a curved view-blocker whose lower profile is disguised by a large oak tree. The buildings continue behind it and it is an optical illusion that seems to work.

A backscene is essential for an exhibition layout in my mind, particularly where I am trying to create an illusion where people can lose themselves in an imaginary world. All of my layouts have to have a backscene but this creates two problems – how to paint them and how to stop them having join lines.

To overcome the second issue, I went for the lowest-tech option possible – I joined a number of 3mm MDF panels together, filled the joints and sanded them down until I had one smooth piece of panel and then painted all the back panels with white emulsion, mixing various blues into it in horizontal bands until I had a reasonable sky effect. This does mean I have one panel more than 2.5m long which is not the easiest to handle but with a top firm edge and more aluminium angle, it is strong and can be screwed on and off at will.

Much as I admire well-painted backscenes, my skills do not lie in the watercolour area. I spent a great deal of time scouring online images until I found ones that I thought could be used with a good degree of digital manipulation. Removing cars, yellow lines and out of period aspects was followed by using the advanced features in *Word* to make them look more like paintings than photographs and it seemed to work. The road surfaces were overpainted with the same colour as my roads and white lines re-enhanced. I'm pretty pleased with them. Incidentally, on the actual roads themselves, I did the white lining by applying 2mm masking tape where I wanted them and then cutting out all the bits between the lines. It's a hard way to do it but gets you perfectly-lined up lines.

LOW RELIEF BUILDINGS

I'm not a great fan of low relief buildings as I always think they look like what they are - half a building - but on a few of the brewery buildings I had to accept they were just too big to model in full relief.

What I have done, though, is try to model some of them with false perspective, not by tapering the building but by adding a section in 2D that represents the whole of the rest of the building. It tends to work best when viewed from one angle but with some scene-blockers from the other positions, I think I may have got away with it.

The trick seems to be making sure you use the same paint colour on the 2D 'extension' as on the main building. The cooperage shows this up best but I think I could have been bolder and made it even deeper.

Given my lack of skill with a landscape painter's eye or brush, I drew the entire cooperage in *SketchUp* (a 3D modelling software package), printed it off and then worked out how much of the building was physically modelled. The section that was left over was the shape I needed to portray in 2D and it was fixed onto the back of the actual building in front of the backscene.

TRANSPORTATION

In terms of moving the layout, I went a bit over the top. I wanted to make it easy to transport so I built two cupboards on wheels into which everything fits, and the 4m long pieces fit on top.

Although in the picture they look like normal kitchen cupboard-sized units, I can actually only just see over them – they are massive. These protect the layout during transport and storage, but you do need a lot of space to house it in.

One of the great things I enjoy about our hobby is that it throws up completely unexpected problems to solve, sometimes by reference to the way other people have done so and at other times you create a new solution yourself. I hope I have added to the options available with some of my novel approaches and I hope this article gives you confidence to try some of them for yourself. Hm



Substantial transport cases on wheels provide secure storage for the layout and all of its components (apart from the 4m long aluminium sections). These are used for storage and movement of North Cornwall Brewery and mean that everything is kept together.



One transport case carries the legs, separate buildings and accessories for the layout while the second contains the baseboards, backscenes and lighting rig. Each has been custom designed for its purpose.

METCALFE

Card Construction Kits

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

facebook join our group +

DOWN AT THE FARM



MANOR FARM HOUSE KIT

CREATE A BEAUTIFUL RURAL SCENE WITH THE MANOR FARM RANGE OF KITS. PLEASE NOTE, THE N-SCALE MANOR FARM KIT CONTAINS THE HOUSE AND COTTAGE (AS ABOVE) PLUS MANOR FARM BARN KIT.

MANOR FARM HOUSE *00 CODE PO250 / N CODE PN150*



MANOR FARM BARN
00 CODE PO251 / N CODE PN150



NISSEN HUT
00 CODE PO415 / N CODE PN815



MANOR FARM BUILDINGS
00 CODE PO252 / N CODE PN951



STABLE
00 CODE PO256 / N CODE PN822

VILLAGE



VILLAGE SCHOOL
00 CODE PO253 / N CODE PN153



GRANGE HOUSE
00 CODE PO257 / N CODE PN157



VILLAGE SCHOOL
00 CODE PO254 / N CODE PN154



PARISH CHURCH
00 CODE PO226 / N CODE PN926

A QUINTESSENTIAL ENGLISH COTTAGE BASED ON THE HISTORIC VILLAGE OF LACOCK IN WILTSHIRE

N-GAUGE DUE SOON!

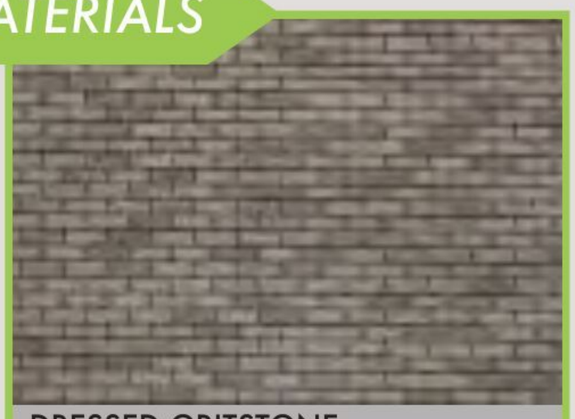


TOWN END COTTAGE *00 CODE PO267 / N CODE PN167*

BUILDING MATERIALS



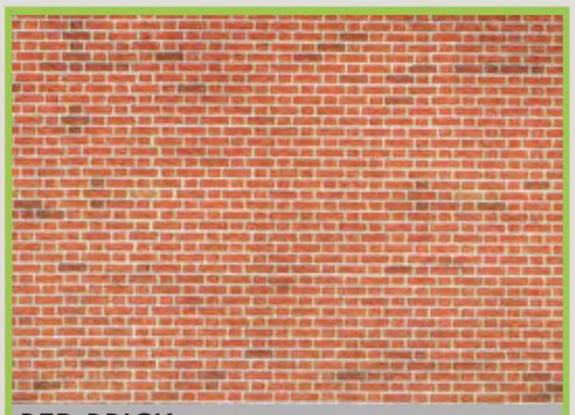
COBBLESTONES
00 CODE M0051 / N CODE PN903



DRESSED GRITSTONE
00 CODE M0052



ENGINEER'S BLUE BRICK
00 CODE M0053



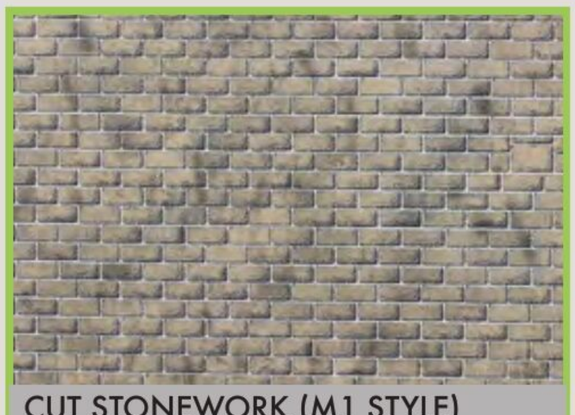
RED BRICK
00 CODE M0054 / N CODE PN900



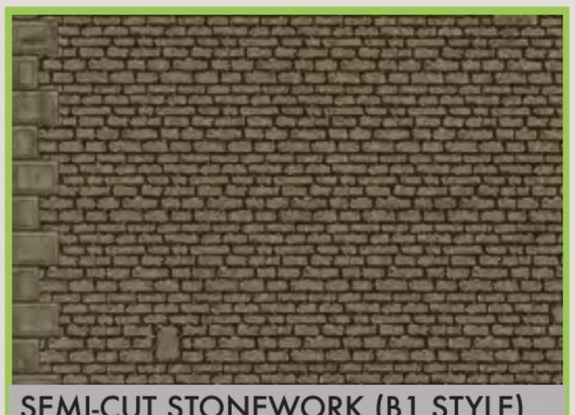
COBBLESTONES
00 CODE M0055 / N CODE PN903



TARMAC
00/N CODE M0056



CUT STONEWORK (M1 STYLE)
00 CODE M0057 / N CODE PN901



SEMI-CUT STONEWORK (B1 STYLE)
00 CODE M0058

View the full range and shop online

metcalfemodels.com

Or call 01729 830072

METCALFE

Card Construction Kits

STRUCTURES



1) RETAINING WALL

BOTH AVAILABLE IN STONE AND RED BRICK

1) RED BRICK RETAINING WALL
00 CODE PO244 / N CODE PN145
1) STONE RETAINING WALL
00 CODE PO245 / PN144

2) RED BRICK TAPERED WALL
00 CODE PO248 / N CODE PN148
2) STONE RETAINING WALL
00 CODE PO249 / PN149



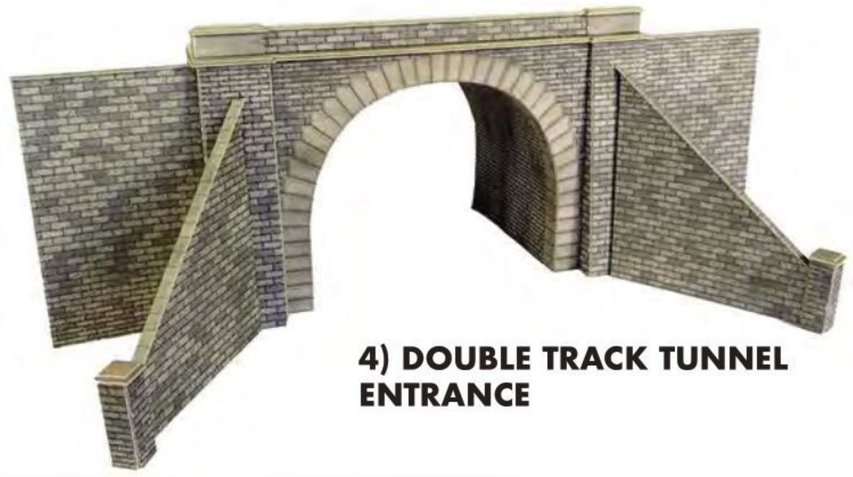
2) TAPERED WALL



3) SINGLE TRACK TUNNEL ENTRANCE

3) SINGLE TRACK TUNNEL ENTRANCE
00 CODE PO243 / N CODE PN143

4) DOUBLE TRACK TUNNEL ENTRANCE
00 CODE PO242 / N CODE PN142



4) DOUBLE TRACK TUNNEL ENTRANCE



5) RAILWAY BRIDGE

5) RAILWAY BRIDGE
RED BRICK *00 - PO246 / N - PN146*
STONE *00 - PO247 / N - PN147*

6) DOUBLE TRACK VIADUCT
RED BRICK *00 - PO240 / N - PN140*
STONE *00 - PO241 / N - PN141*



6) RAILWAY VIADUCT

TOOLS & EXTRAS



BUILD A MODEL RAILWAY DVDS
DVD01 / DVD01 / DVD03



FINE TIP GLUE APPLICATORS
MT907

NEW! CASTLE RANGE

FOUR KITS MAKE THIS SPECTACULAR CASTLE KIT.

PICTURE RIGHT CONTAINS:

1 x GATEHOUSE,
2 x WATCH TOWERS,
1 x CASTLE HALL
2 x CURTAIN WALL KITS.

N-GAUGE CASTLE DUE SOON!

CHECK OUR WEBSITE FOR THE FULL RANGE: METCALFEMODELS.COM

1) CASTLE HALL - *00 CODE PO294*
2) WATCH TOWER - *00 CODE PO292*
3) CASTLE GATEHOUSE - *00 CODE PO291*
4) CURTAIN WALLS - *00 CODE PO293*



Sealed beam 'PEAKS' are back!

FIRST REVIEW

The overhauled Class 45 'Peaks' have been a missing component from the modern era 'OO' gauge catalogues, but Bachmann is setting that right with the arrival of its Regional Exclusive versions of the Class 45/0 with 'sealed beam' headlights. **MIKE WILD** takes a closer look at this new arrival from Bachmann which has been much requested.



THE DERBY BUILT CLASS 45 1-Co-Co-1 diesel-electrics have been a popular choice for ready-to-run models in 'OO' gauge with the first arriving on the scene with Mainline in the 1980s. It was later seen in the hands of Replica where the first version of the 'sealed beam' locomotive took to the rails for 'OO' gauge. Bachmann has continued the fleet's legacy in the Branchline range, but following withdrawal of the Replica model, the 'sealed beam' locomotives have been a missing link as a mainstream release. The only other time this version has been available since is a short-lived Bachmann limited edition for Modelzone using the tooling shown here.

The 'sealed beam' appearance came with modification of the nose to remove four-character or split headcode boxes during overhauls between 1973-1975 - this cleaned up the front end and presented a new face to the class. Around the same time, Electric Train Heating equipment was fitted to 50 of the Class 45s leading to creation of two sub-classes – 45/0 with steam heating and 45/1 with Electric Train Heating (some of the latter also received high-intensity headlights from the mid-1980s). Bachmann's model captures the Class 45/0 with



TECHNICAL DETAILS

Supplier:	*www.grimytimes.co.uk*
Cat No:	32-683RJ (featured)
Description:	Class 45/0 45038, custom numbers and weathering
Builder:	Derby Works/refurbished by BREL Derby
Region:	Midland, Eastern, Southern and Western
Gauge:	'OO'/16.5mm
Scale:	4mm:1ft
Length (over buffers):	270mm
Price:	£159.95 (excluding weathering and renumbering)
Couplings:	Small tension locks in NEM pockets
DCC:	DCC ready, 21-pin socket
Speaker:	40mm x 20mm
Exterior lights:	Directional head and tail lights
Interior lights:	None
Minimum curve radius (designed):	Second
Minimum curve radius (tested):	Second
Motor type:	Five-pole
Flywheel:	Two
Wheel arrangement:	1-Co-Co-1
Purpose:	Mixed traffic
Haulage capacity (expected):	Eight-ten coaches
Haulage capacity (actual):	Ten coaches (maximum tested)

GO ONLINE!
VISIT WWW.KEYMODELWORLD.COM
TO SEE THIS IN ACTION



The revised front end of this model has been captured well by Bachmann in 'OO' gauge.

'sealed beam' lights and steam heating – see Reality Check for more on the story of the Class 45s in their final years of service.

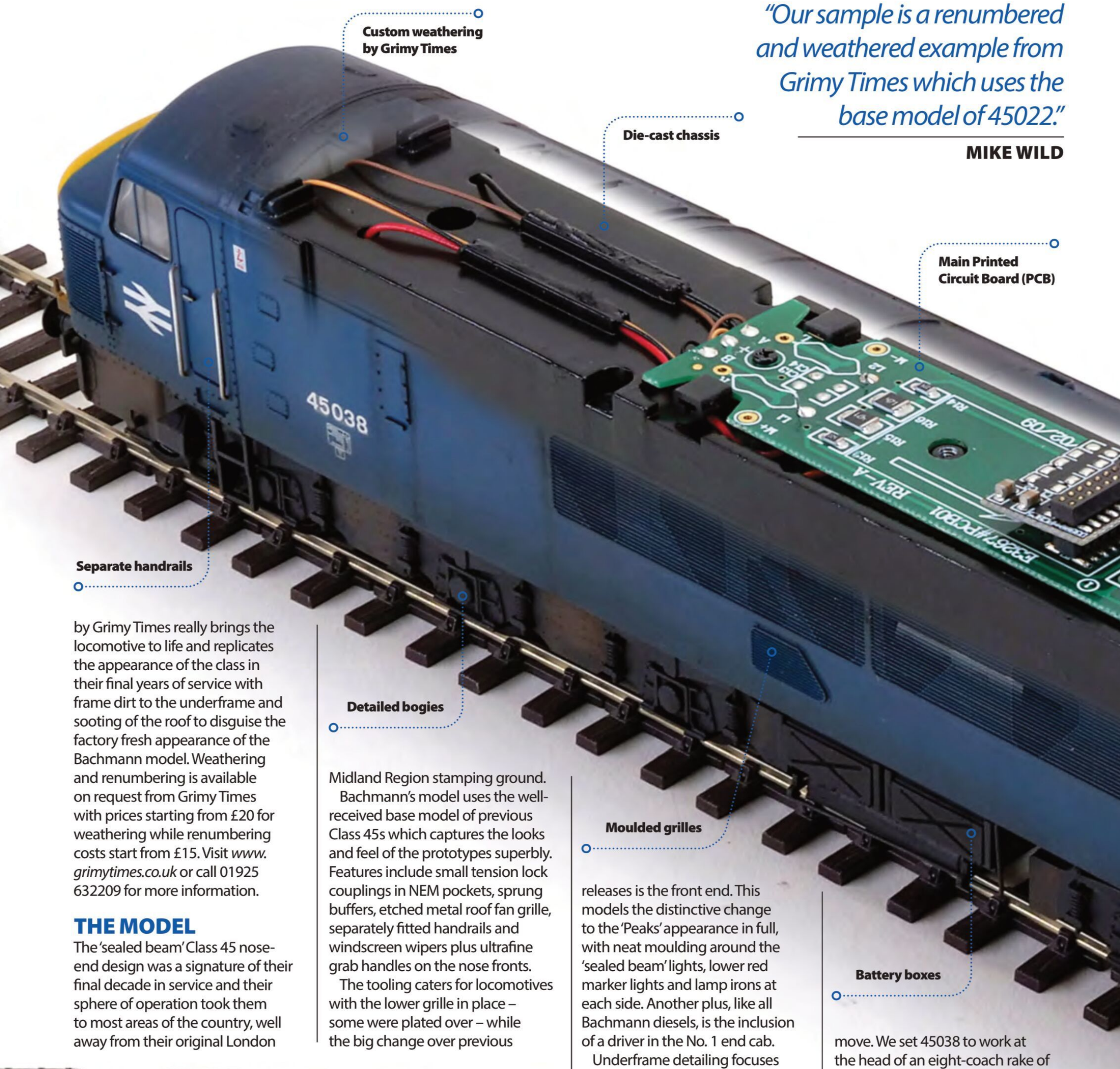
This new version has been released as a Regional Exclusive for Bachmann's retailers with five locomotives being available in different areas. These model 45022 *Lytham St Annes* (Cat No. 32-683RJ), 45040 *The King's Shropshire Light Infantry* (32-684DB), 45041 *Royal Tank Regiment* (32-685SD) 45046 *Royal Fusilier* (32-686NF) and 45049 *The Staffordshire Regiment (Prince of Wales)* (32-687TL) with a choice of DCC ready and DCC sound fitted versions of each locomotive priced at £159.95 and £249.95 respectively.

Our sample is a renumbered and weathered example from Grimy Times which uses the base model of 45022. The weathering specialist has removed the original locomotive numbers and nameplates to give it a unique unnamed identity as 45038. The real 45038 was built in 1961 and numbered D48 – becoming 45038 in 1971 with the introduction of TOPS numbering. It survived in traffic until 1985 when it was withdrawn in June that year. Disposal followed 18 months later at Vic Berry's scrapyard in Leicester in December 1986.

The realistic weathering applied »

"Our sample is a renumbered and weathered example from Grimy Times which uses the base model of 45022."

MIKE WILD



by Grimy Times really brings the locomotive to life and replicates the appearance of the class in their final years of service with frame dirt to the underframe and sooting of the roof to disguise the factory fresh appearance of the Bachmann model. Weathering and renumbering is available on request from Grimy Times with prices starting from £20 for weathering while renumbering costs start from £15. Visit *www.grimytimes.co.uk* or call 01925 632209 for more information.

THE MODEL

The 'sealed beam' Class 45 nose-end design was a signature of their final decade in service and their sphere of operation took them to most areas of the country, well away from their original London Midland Region stamping ground.

Bachmann's model uses the well-received base model of previous Class 45s which captures the looks and feel of the prototypes superbly. Features include small tension lock couplings in NEM pockets, sprung buffers, etched metal roof fan grille, separately fitted handrails and windscreen wipers plus ultrafine grab handles on the nose fronts.

The tooling caters for locomotives with the lower grille in place – some were plated over – while the big change over previous releases is the front end. This models the distinctive change to the 'Peaks' appearance in full, with neat moulding around the 'sealed beam' lights, lower red marker lights and lamp irons at each side. Another plus, like all Bachmann diesels, is the inclusion of a driver in the No. 1 end cab.

Underframe detailing focuses on the steam heat fitted Class 45/0s and you will find separately fitted bogie steps, speedometer cable and sand pipes around the neatly moulded side frames.

As mentioned, our example is a custom weathered example from Grimy Times and its presentation in BR blue is excellent, recreating how these machines looked in service superbly.



PERFORMANCE

The chassis inside features a five-pole motor with twin flywheels which gives this heavy weight 1-Co-Co-1 plenty of power to keep scale length trains on the move. We set 45038 to work at the head of an eight-coach rake of Bachmann Mk 1 and Mk 2 stock – a load which it handled with ease.

Lighting consists of directional head and tail lights, although being an older generation chassis it doesn't have the option to switch these independently through either analogue switches or DCC control – F0 controls all lights at once.

DCC connection is taken care of via a 21-pin decoder socket and there is also space for a 40mm x 20mm rectangular speaker on top of the chassis block below the roof fan. Connections marked SP+ and SP- are provided on the main Printed Circuit Board (PCB) to allow for connection of a speaker to the

decoder where the chip doesn't come pre-wired with a speaker attached. Installing sound will take approximately 15-25 minutes and requires removal of six screws in the chassis as detailed in the instruction sheet for the body to be removed.

OVERALL

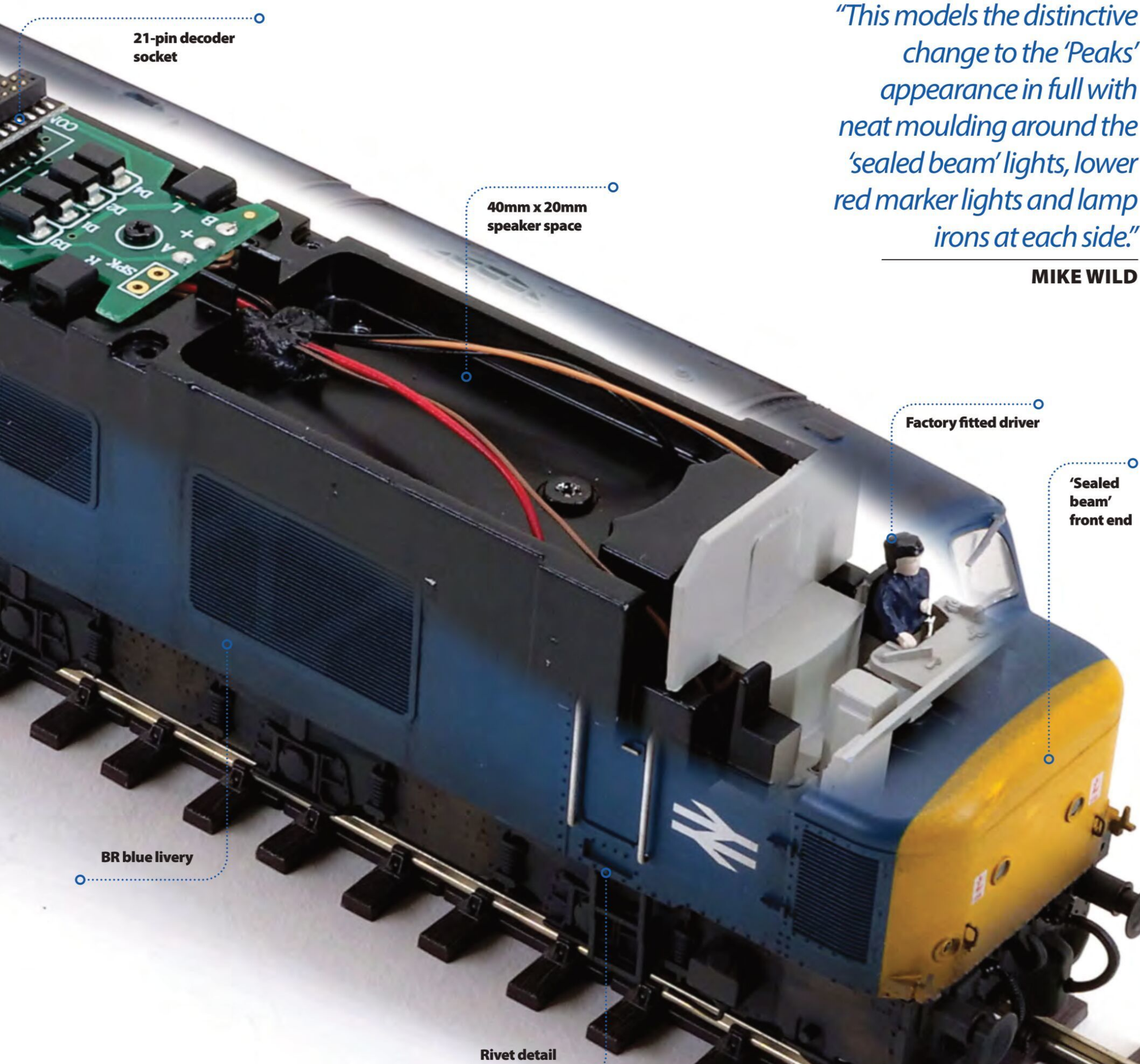
The arrival of Bachmann's 'sealed beam' Class 45s is great news for TOPS era BR blue modellers as it has been a missing part of the diesel era scene since the short lived limited edition for Modelzone. However, Bachmann's new batch of 'Peaks' has competition in the future because Heljan is working on an all-new model of the Derby Sulzer Type 4 for release during 2021 which, for the first time, will include accurate modelling of the ETH fitted Class 45/1s amongst other variants.

Nevertheless, Bachmann has done a good job in bringing this model of the Class 45/0 to market. As *Hornby Magazine* closed for press, it was already proving to be a popular addition at the retailers with the regional exclusives and through Grimy Times you can have any 'sealed beam' Class 45 you would like recreated for you. A great addition, and one which looks even better with custom weathering. (MW)



"This models the distinctive change to the 'Peaks' appearance in full with neat moulding around the 'sealed beam' lights, lower red marker lights and lamp irons at each side."

MIKE WILD



THE FINAL YEARS OF THE Class 45s

While many of British Railways' early diesel classes were failures, the Class 45s were so useful that many were upgraded and refurbished to extend their lives, as **EVAN GREEN-HUGHES** *explains.*



Right: **Tinsley was amongst the last depots to maintain Class 45s in service. Class 45/0 45020 stands outside the maintenance shed at Tinsley on April 5 1983.** Richard Priestley/Railphotoprints.uk.

Below: **The Class 45s had a strong association with Trans-Pennine passenger workings in the 1980s. Class 45/1 45144 *Royal Signals* crosses Saddleworth Viaduct with a Scarborough-Liverpool service on May 31 1985.** Brian Robbins/Railphotoprints.uk.



WHEN BRITISH RAILWAYS was looking to provide its first high-powered main line diesels there were constraints on the designers, with many of these centred round potential damage to structures and track caused by high axle loadings. Early diesel locomotive engines and equipment were heavy and as a result locomotives built by both BR and English Electric were turned out mounted on cumbersome eight-wheel bogies, with the prominent nose end and cab design owing much to contemporary American practice. Despite this both types, later known as the 'Peaks' and the Class 40s, were successful in traffic, hauling a full range of passenger and freight trains, with the 'Peaks' being most prominent on the Midland Main Line.

The 'Peaks' were made up of three distinct groups, which later became classes 44-46. The most numerous were the 127 examples of the Class 45 which were fitted with the Sulzer 12LDA 28B engine developing 2,500hp and Crompton Parkinson electrical equipment. These were to receive many upgrades and modifications in their lives which, in the end, was to see the class divided into two, with the first being designated Class 45/0 and the second becoming Class 45/1.

Upgrades were necessary because in the 1970s train heating was changing from steam to electric. The steam-generating boilers in the early diesels were notoriously troublesome and required a secondman to oversee them. In addition, water supplies still had to be provided at stations, something that was relatively easy when diesels operated alongside steam but much more difficult as steam was phased out along with the associated infrastructure. The new policy was to use electric heat in carriages, but this required the locomotive to have the ability to provide a stable supply purely for this purpose, which was a feature missing from all the early diesels, including the Class 45.

HEATING CHANGES

Consequently, the decision was taken to modify some of the class by removing the steam heat boiler and fitting a Brush auxiliary generator, which would then provide a train heating supply. Additional wiring had to be provided so the electric train supply could be transferred to the carriages and unusually the plugs for this were attached to the end of the bogie rather than being carried on the body front as was usual for other classes. Externally there were changes to the roof above the new equipment which saw the redundant steam heating exhaust pipe removed and also the recess that gave access to the boiler header tank. At the same time, the bodyside step recesses were plated over. »

FACTS AND FIGURES

Builder:	BR Derby Works (D11-D49)
	BR Crewe Works (D50-D137)
Number series (BR):	45001-45077 (not renumbered in order)
	45101-45150
Number built:	127
Route availability:	7
Introduced:	1960-1962
Withdrawn:	1980-1989
Wheel arrangement:	1Co-Co1
Engine:	Sulzer 12LBA28B
Cylinders:	12
Horsepower:	2,500hp
Main generator:	Crompton Parkinson CG426A1
Traction motor:	Crompton Parkinson C172A1
Train heating (as built):	Steam – Stone Vapour OK4625
Train heating (Class 45/1):	Electric – Brush alternator
Brakes (locomotive):	Air
Brakes (train):	Vacuum (as built)
	Air/dual (added later)
Brake force:	63tons
Maximum tractive effort:	55,000lbs
Continuous tractive effort:	30,000lbs
Length:	67ft 11in
Width over cabs:	8ft 10in
Weight:	133tons
Wheel diameter:	3ft 9in
Maximum speed:	90mph
Fuel capacity:	840gallons
Boiler water capacity:	1,340gallons



The 'Peaks' were powerful and reliable locomotives which gained a new lease of life in front-line passenger service following upgrading to electric train heating. That modification created the Class 45/1 sub-class, as illustrated by 45125 between the Tunnels at Fiveways, Birmingham with the Glasgow-Bristol service on July 30 1982. Brian Robbins/Railphotoprints.uk.

A total of 50 locomotives were chosen for conversion with actual locomotives being selected according to their condition rather than their number - which meant the new conversions did not run in any sort of sequence relative to the old identities.

Conversion work took place steadily over a few years with locomotives fitted with electric train supply then being identified as Class 45/1 and those which retained steam heat, or subsequently which had no heating at all, became Class 45/0. All were renumbered and repainted blue as they went through works for general overhaul. Although unconnected with this work, it is worth noting that from the late 1960s locomotives had also been converted so that they could work air-braked trains and this had led to the appearance of two additional air pipes on the bufferbeams.

The Class 45/1s were, as before, mainly allocated to the Midland Main Line, but a substantial number were also shedded at Holbeck in Leeds where they handled many of the principal expresses over the Settle and Carlisle line. New Mk 2 coaches were provided to work alongside them - and particularly between London and Sheffield services were much improved during this time. Others were allocated to Gateshead which saw the class used on the Newcastle-West Country routes. Meanwhile, the unconverted Class 45/0s saw a much wider sphere of operation and were mainly but not exclusively confined to freight work.

REVISED DESIGN

It is often assumed that the changes to the front-end appearance of the Class 45s were made at the same time as the electric supply conversions were carried out to Class 45/1s, but this is not the case. Originally there were two variants of front end with early locomotives having headcode displays split either side of nose-end doors and later ones having a more central four-character arrangement, though there were in fact two versions of the centre headcode box.

In 1967 Derby Works set about a general refurbishment programme for the Class 45s and in the process routinely replaced nose ends with the central four-character pattern as used on the later 'Peaks' and the Class 46s. This policy continued when the electric train heating programme was introduced into the schedule but in 1976 the decision was taken to discontinue with four-character headcode displays altogether, meaning that for some years some Class 45/1s ran around with four zeros, or two white dots, displayed at the front end. This was the case with now preserved 45133 which was converted to a Class 45/1 in 1974 but ran with a four-character headcode panel until 1981 when the headcode box was removed and plated over and two white lights introduced instead.

However, there were many variations to this theme such as when locomotives sustained accident damage and in these cases the opportunity was often taken to update the front end at the same time. Some locomotives even had one style of front at one end and another at the opposite. Frequently locomotives would be found to have extensive corrosion on the front end during a works visit with similar results, the plan always being to fit the latest style of standardised front end as repairs progressed.

Another and later modification to the front end was the fitment of a high-intensity headlight but by the time this feature was introduced the locomotives were nearing the end of their working lives and not all of the class was so equipped.



45106 was reinstated to service in BR green livery with full yellow ends in 1988 for railtour workings, but it was also used on service trains. On October 26 1988 the very last Class 45 in service with BR waits to depart London St Pancras with the 5.50pm to Derby. John Chalcraft/Railphotoprints.uk.

SURVIVORS

The Class 45s survived various BR traction reviews and even a diminution of freight work with one of the reasons perhaps being that all had been, by this time, dual braked, but by 1977 general requirements were declining and so when 45067 was involved in a minor collision in Derbyshire it was sent to Derby Works and never repaired.

In 1980 no fewer than 38 of the combined 'Peak' classes were taken out of service,



Freight traffic became an important role for the no heat Class 45/0s in their final years. On April 19 1985 45051 arrives at Par with the 5.50am Severn Tunnel Junction-St Blazey. John Chalcraft/Railphotoprints.uk.

with most being either the Brush-equipped Class 46s which mainly came from the Western Region or non-heat fitted Class 45/0s. The Class 45/1s fared rather better with many being reallocated from their traditional stamping grounds to other duties, and the type became regular performers on the Trans-Pennine route at this time, with many of the locomotives deployed on this work gaining unofficial names which were painted on by the staff at Tinsley depot in Sheffield.

One locomotive, 45147, unfortunately became a casualty while deployed on these duties when it was severely damaged in an accident near Salford on December 4 1984, being written off when it hit the rear of a tanker train while working a Liverpool to Scarborough service. So bad was the damage that the locomotive had to be broken up nearby.

While there was a steady stream of no-heat Class 45/0s being withdrawn, it was to be January 1986 before the second Class 45/1 was taken out of service, 45109. Two more followed in July but such was the changeable state of requirements at that time that one of them, 45120, was reinstated soon afterwards. May 1987 saw the end of diagrammed passenger workings for the type, both on the Midland Main Line and on the Trans-Pennine route. Not surprisingly, this led to a mass cull of locomotives with 12 being stood down in that month alone. By this time there was only a daily requirement for 21 Class 45/1s with the no-heat 45/0s being down to only 16 in use each day.

From this point on, Tinsley Depot became the last to house operational Class 45s and withdrawals continued quickly. Three more '45/1s' went in June, one in August, two in September, one in November and one in December. 'Peaks' were by this time stored at other locations including Toton and Thornaby but just as the last engine was withdrawn in 1988, there was some relief from the gloom when 45106 was reinstated for special railtour duties, gaining green livery again in the process, a function it carried out until February 1989 when it was withdrawn after it caught fire while working a Derby to St Pancras train.

A total of nine Class 45/1s subsequently survived into preservation, with examples being regular performers at lines such as the East Lancashire, Epping and Ongar and Gloucestershire and Warwickshire railways.

The history of the Class 45/0 and 45/1 is fairly complicated and those wishing to model a particular locomotive at a certain time would be well advised to find a photograph of it from the desired period as there were many variations in detail from year to year which should be correctly replicated. The new releases from Bachmann, showing as they do one of the final variants is sure to be popular, replicating what many consider to be the time when these locomotives were at their finest. HMM



45004 leads 45143 *5th Royal Inniskilling Dragoon Guards* past Cockwood with an Up St Blazey-Exeter Riverside working on August 27 1975. Dave Cobbe/Railphotoprints.uk.

Hornby's RESTAURANT BUFFET

FIRST REVIEW

- **Price:** £34.99
- **Cat No:** R4971 (BR maroon), R4972 (SR green), R4973 (BR blue and grey), R4974 (BR Intercity)
- **Site:** *www.hornby.com* ● **Era:** 5-8

HORNBY'S GROWING collection of all-new BR Mk 1 coaching stock has expanded with the arrival of the new Restaurant Buffet (RB) in original and refurbished (RBR) formats. Hornby revealed the first of its new Mk 1 range in 2014 and has been steadily increasing the portfolio since with the RB being announced in the 2020 catalogue. The full range of Hornby 'OO' gauge Mk 1s now offers the First Open (FO), Second Open (SO), Second Corridor (SK), Tourist Second Open (TSO), Brake Second Corridor (BSK), Composite Corridor (CK), Brake Second Open (BSO) and Gangway Brake (BG), while further expansion is set for 2021 with announcement of an all-new version of the useful Brake Composite Corridor (BCK) in the latest catalogue.

The new RB/RBR is available in a choice of four liveries initially – BR maroon as Western Region RB W1739/W1743 (Cat No. R4971/A), BR Southern Region green as RB S1765/S1757 (R4972/A), BR blue and grey as RBR M1712/M1627 (R4973/A) and BR InterCity RBR IC1667/IC1981 (R4974/A) – catalogue numbers with an A suffix are second number options.

The real RBs were introduced in the 1957-1962 third phase of Mk 1 construction to provide buffet facilities and following creation of three prototypes by Eastleigh Works for the RB, Restaurant Unclassified (RU) and Restaurant Kitchen Buffet (RKB) – all of which were successful - full scale production of the RB was carried out between 1960 and 1962 by Pressed Steel and Birmingham Railway Carriage and Wagon. In total 128 RBs were completed to Diagram 24 and they saw service across the BR regions.

In 1977 BR saw the demand to refurbish its catering vehicles and its Mk 1 stock went through a standardisation process to make the RBs easier to operate for its onboard staff. The Restaurant Buffet Refurbished (RBR) was to Diagram 33 and saw doors installed between the bar, pantry and kitchen, new fluorescent lighting, removal of the bulkheads and wipe-clean surfaces and seating. Externally the only body change was painting over of the mid-bodyside kitchen door window at the back of the bar while air brakes were also added.

Hornby has created a fine model of the RB and RBR – a vehicle which hasn't been made afresh for 'OO' gauge since the Mainline/Replica Railways model of 1980s vintage. As such it has been a long overdue return for 'OO' gauge Mk 1 passenger formations.

Externally, the new coach captures the details of the prototype superbly with fine moulding of the roof seams and vents, crisp detailing of the bodyside and impressively well done moulded handrails, grab handles and door handles on each side – so well done that we had to check twice if they were moulded. The end handrails are moulded, but these won't be particularly noticeable when the coach is in a train formation.



The passenger compartment windows are moulded in clear glazing while the quality of decoration across our three sample vehicles was nothing short of faultless. Crisp colour edges, superbly applied lining, lettering and vehicle numbers plus carriage data panels of the InterCity version complete the external picture.

Internally all vehicles have the same layout with the nods to the RBR version being carried over by the painting over of the bar area door window as well as air brake equipment instead of the original vacuum brake cylinders.

The underframe is another *tour de force* with each of these new arrivals running on excellent models of the BR Commonwealth double-bolster bogie. These one-piece mouldings have an outstanding level of detail for springs, axleboxes, brake rods



Small tension locks in NEM pockets

Kitchen area

Pantry area

Full underframe

Bar/serving area

Passenger seating

Commonwealth bogies

Caption Caption Caption Caption Caption Caption Caption Caption

GO ONLINE!
VISIT WWW.KEYMODELWORLD.COM
TO SEE THIS IN ACTION

and shoes, while free-running turned metal 14mm coach wheels are fitted all round. NEM coupling pockets are mounted on each bogie, holding small tension lock couplings of Hornby's standard design. The position of the coupling pockets also makes it a simple replacement job to fit alternatives such as West Hill Wagon Works' magnetic designs or Kadee buckeye couplings for greater realism.

Completing the package is an equally well finished underframe with all the components you would expect from the RB including full relief battery boxes, propane gas tanks, dynamo, brake hangers and more.

The RB and RBR are great additions to Hornby's BR Mk 1 carriage portfolio and further enhance the options for adding catering vehicles to passenger formations. The last of these useful coaches weren't taken out of service until the early 1990s – their last duties were on the Great Eastern Main Line working with Mk 3 stock – giving plenty of options for their use on model railways. Another solid choice by Hornby produced to a high standard and available now. (MW)



RAILS CONNECT

● **Price:** £19.95*/£24.95** ● **Cat No:** RoS-6D*/RoS-8D*/RoS-8HP**/Ros-218* ● **Site:** *www.railsofsheffield.com* ● **DCC:** 6-pin/8-pin/21-pin

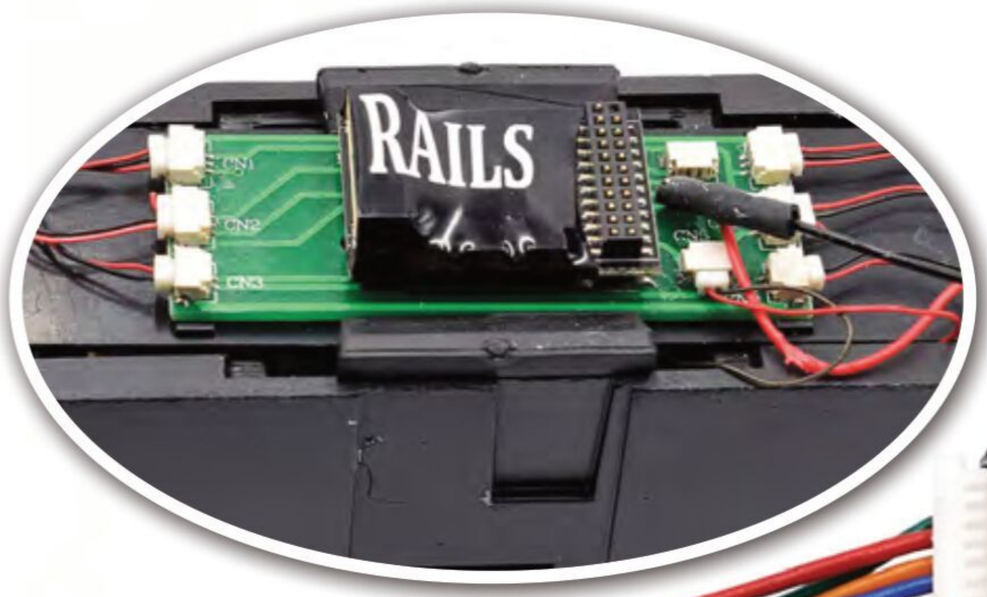
RAILS OF SHEFFIELD has recently added a new selection of Digital Command Control (DCC) decoders to its Rails Connect range of electrical accessories.

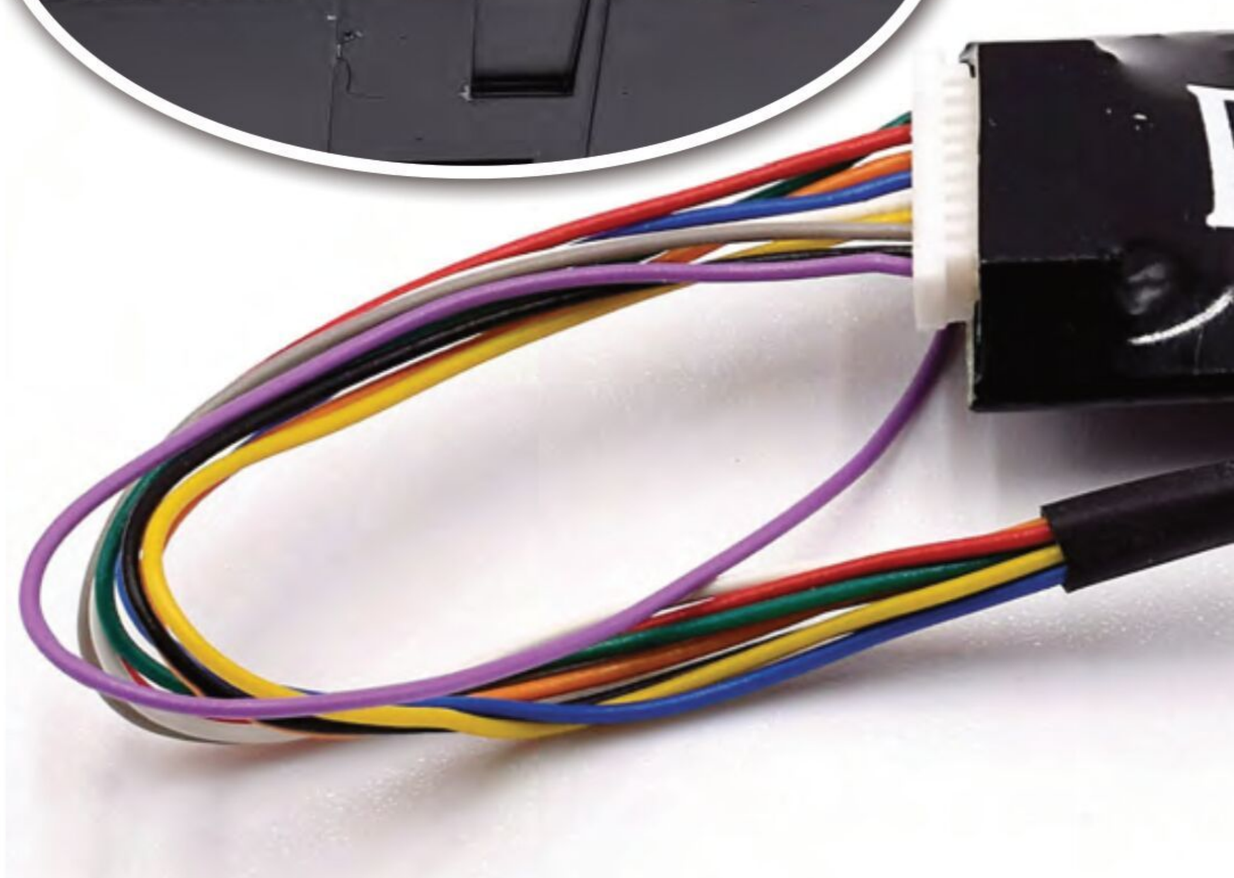
Manufactured by DCC Concepts, four decoders have been added covering a two function six-pin direct (15.5mm x 9mm x 4mm), four function eight-pin direct (19mm x 13mm x 4mm), four function high-power eight-pin harness (29.5mm x 18.5mm x 4mm) and six function combined 21-pin and eight-pin (23mm x 17mm x 6mm) decoder. The direct plug decoders - six-pin, 8-pin and 21-pin - are rated at 750mA continuous and 1amp peak power, while the high-power eight-pin harness example is rated 1.5mA continuous, 3amp peak power.

Each is supplied shrink-wrapped with a Rails branded plastic coating to protect the PCB components, while a 90mm 9-pin JST to 8-pin harness is included with the high-power 8-pin and 11-pin JST to 8-pin with the combined 21-pin/8-pin decoder.

The impressive specification includes self-adjusting Back-EMF, a raft of configurable lighting effects including fluorescent flicker, onboard brown-out protection, support for coreless motors, function mapping, function button operated motor control (useful for turntable motors) and more. While basic instructions are included on the back of the packaging, a more detailed downloadable manual is also available via the Rails of Sheffield website, outlining the decoder's capabilities and supported CVs as well as providing useful CV worksheets to activate some of the possible effects.

On test, our review samples demonstrated smooth motor control ability - the brown-out protection helping reduce the potential for locomotives to stall at low speeds on our test track and happily creeping along at speed steps two and three without issue. (MC)





ALL SCALES

HobbyTrax DCC Decoder Tester

● **Price:** £24.95 ● **Cat No:** 4221-9533 ● **Site:** *www.hobbytrax.co.uk*
● **DCC:** Wired/6-pin/8-pin/21-pin

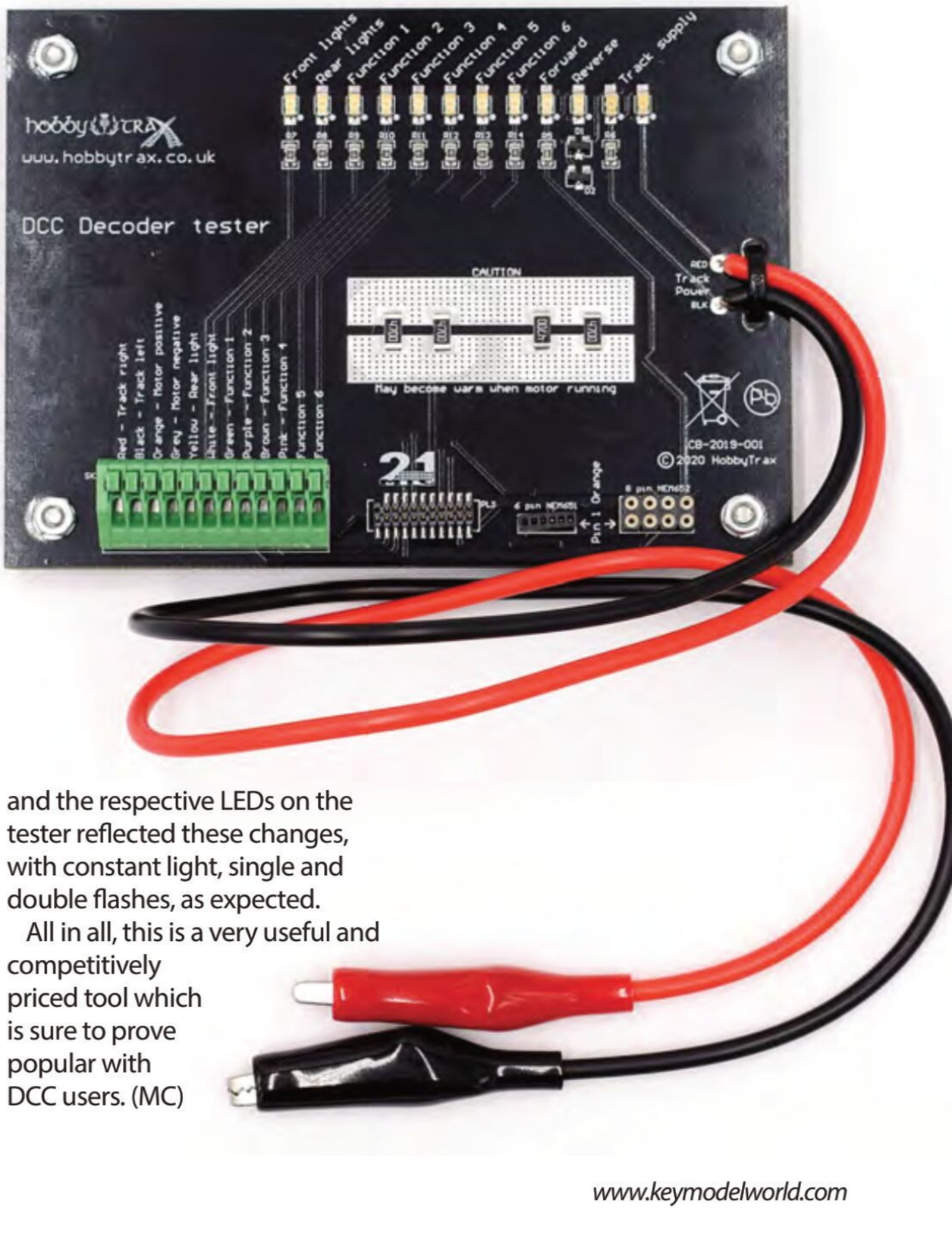
New from HobbyTrax is this Digital Command Control (DCC) decoder tester.

Measuring 110mm x 80mm, this useful DCC tool features a PCB base with rubber grommet style supports and a series of linked components including LEDs, resistors and the relevant decoder sockets. The lower edge of the board features four of the most popular decoder interfaces – a green 12-socket arrangement with push connectors for hard-wired connections, 21-pin MTC, 6-pin (NEM651) and 8-pin (NEM652) plug sockets. The more recent Next18 and PluX22 interfaces are not included on this tester.

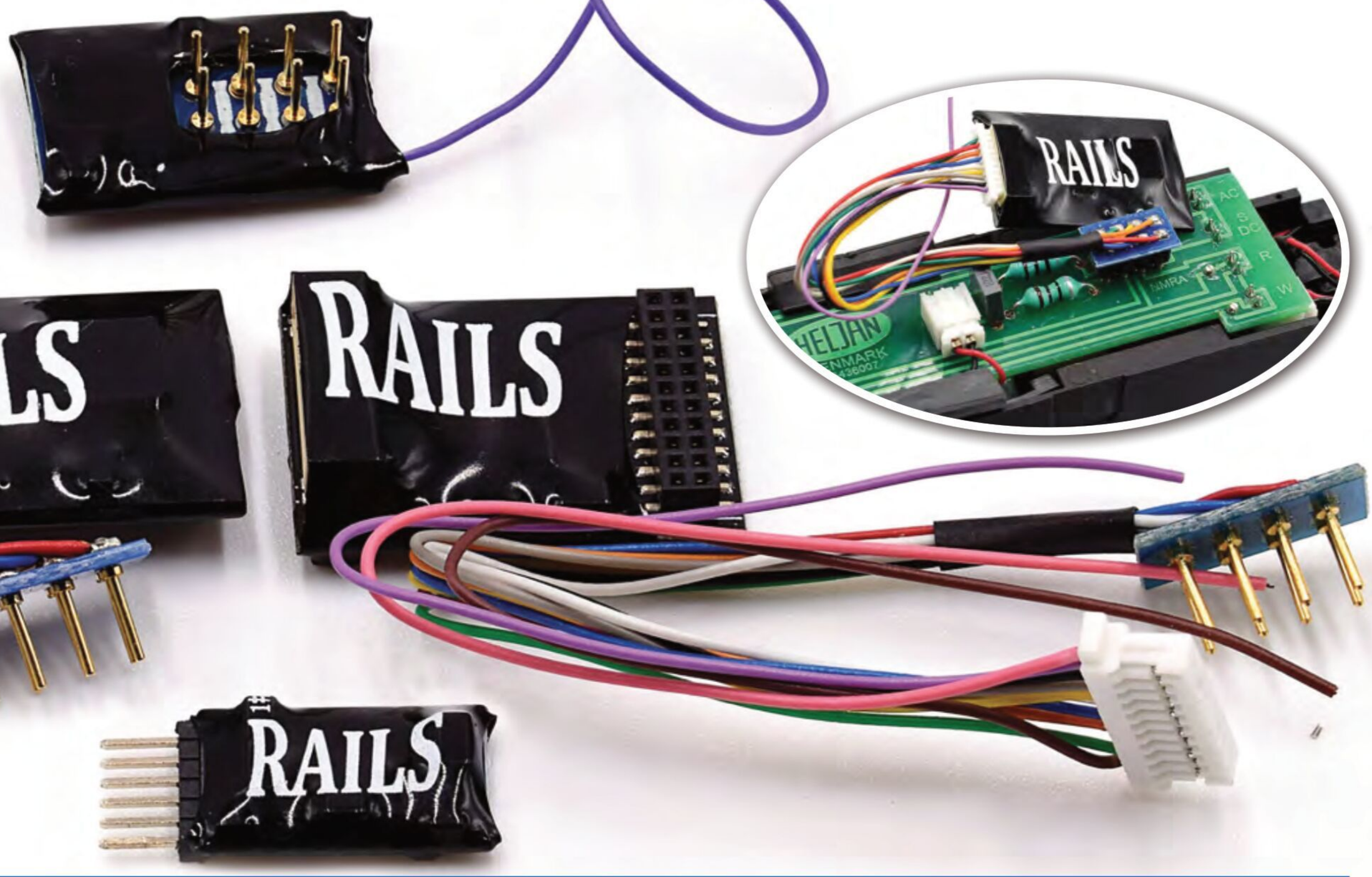
Each of the hard-wire connector's sockets are labelled, while Pin 1 for the 6-pin and 8-pin sockets are identified by an arrow too, which is handy. Along the top edge are a series of LEDs and resistors. The LEDs indicate the presence of track supply power and light up as the direction and functions are selected on the digital control system. Simply plug the decoder of your choice to the appropriate interface, connect the track supply (via the attached red and black crocodile clip leads) and select the decoder address on your control system, followed by the direction/function buttons. The lights will light up according to how many functions the decoder supports, such as directional lighting (F0) and function 1 (F1) through 6 (F6). Forward and reverse LEDs will illuminate, and the motor function is simulated through the series of resistors in the centre of the board.

On test, our review sample was tested using a SPROG II DCC programmer and DecoderPro software via a laptop. From the outset the device worked as expected while testing Rails of Sheffield's new Rails Connect decoders (see separate review). LEDs lit up when track supply was connected and direction and function buttons were selected from the DCC system. We also altered some of the decoder onboard lighting functions and the respective LEDs on the tester reflected these changes, with constant light, single and double flashes, as expected.

All in all, this is a very useful and competitively priced tool which is sure to prove popular with DCC users. (MC)



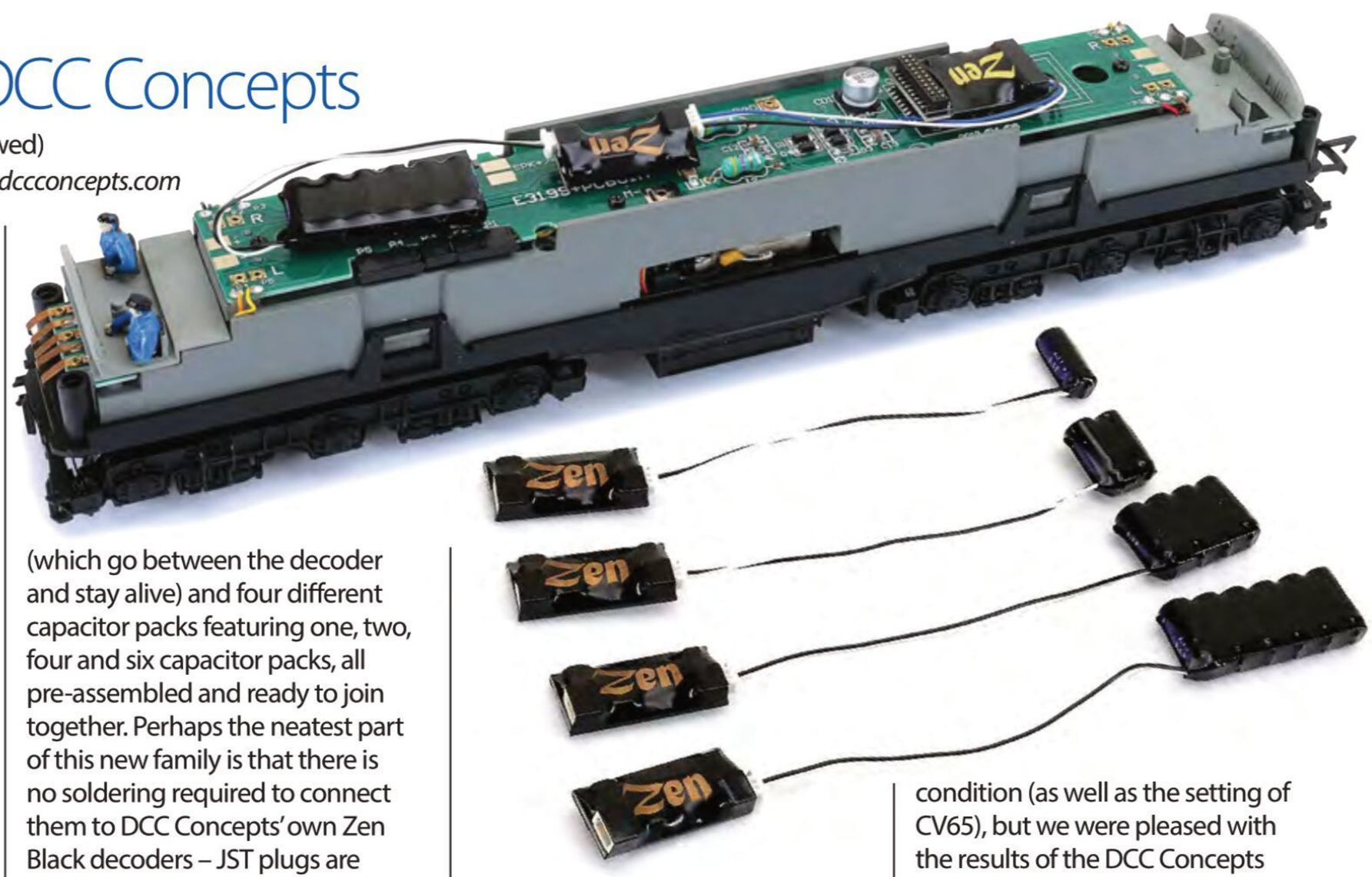
DCC DECODERS



ALL SCALES

Stay alive with DCC Concepts

- **Price:** From £25.95 (£99.95 as reviewed)
- **Cat No:** DCD-SAA-3W ● **Site:** *www.dccconcepts.com*



Stay alive power packs can make a huge difference to the operation of a model locomotive. Their purpose is to hold energy on board which the decoder can use when there is a momentary break in electrical connection from the track which could be caused by a spot of dirt or insulated frog which could otherwise cause a locomotive to stall with just a decoder installed.

DCC Concepts has gone back to the drawing board to create its new range of stay alives using smaller components and a flexible system which allows for easier positioning of parts within a locomotive. They use a three-wire connection and are suitable for use with DCC Concepts Zen Black V12 decoders as well as ESU V5 sound decoders – separate connection harnesses are available from DCC Concepts for use with ESU decoders while full instructions for how to connect them are available at its website too.

Our review set is DCC Concepts variety pack which contains four power management circuit boards (which go between the decoder and stay alive) and four different capacitor packs featuring one, two, four and six capacitor packs, all pre-assembled and ready to join together. Perhaps the neatest part of this new family is that there is no soldering required to connect them to DCC Concepts' own Zen Black decoders – JST plugs are provided on the decoder and stay alive while the power management boards have matching three and two pin sockets to allow instant connection of the components.

These sophisticated stay alives can also be managed through CV settings on the decoder (CV65) which can allocate how long the capacitor pack can act for. It can either be set to use the full power available (CV65=0) or in half second intervals up to 2.0 seconds by adjusting the value of CV65.

The time that the charge lasts depends on the model, its speed, how many additional functions are operating and its mechanical condition (as well as the setting of CV65), but we were pleased with the results of the DCC Concepts stay alives and totally impressed by the simplicity of connection.

DCC Concepts has clearly thought long and hard about how modellers will use its products and in developing this new range of stay alives has created a design which any modeller of any skill level will be able to use quickly and simply. (MW)

REVOLUTION'S '92'

FIRST REVIEW

The Class 92 holds a special place in British railway history, as one of these dual voltage electrics hauled the last BR operated service before the start of privatisation in November 1997. Now the class has been immortalised in 'N' gauge by Revolution Trains. Could it be the best ready-to-run model for 'N' gauge yet? **MIKE WILD** finds out.





THE EARLY 1990s were an exciting time for the British railway system as the opening of the Channel Tunnel approached. Part of that excitement was the introduction of new traction including the 186mph Eurostar passenger sets and the Eurotunnel 9000 Bo-Bo-Bo electrics for car and lorry transport exclusively through the tunnel.

Perhaps the most interesting though is the Class 92 – a dual voltage 6,700hp Co-Co electric designed to operate through the Channel Tunnel as well as across the British railway network using third-rail and overhead power supplies.

Brush assembled 46 Class 92s between 1993 and 1996 using bodies built by Procor in Wakefield, ABB traction equipment and other equipment from Brush. Initially the fleet was split between BR's Railfreight Distribution sector, European Passenger Services (Eurostar UK) and French national railway company SNCF.

However, there have been numerous changes to their ownership over the years and today the fleet is operated by DB Cargo (in the UK, Croatia and Bulgaria) as well as GB Railfreight. The GBRf locomotives are split between freight and passenger operations with the latter painted in Caledonian Sleeper teal for use on sleeper services on the West Coast Main Line.

THE MODEL

Revolution Trains launched its project to produce the Class 92 for 'N' gauge in 2016 and its creation has been supported by crowd-funding. Revolution has also had the cooperation of Brush Traction in designing its 'N' gauge model including full access to the original drawings, while its specification is top of the range across the board.

Our review samples model 92003 *Beethoven* in BR two-tone grey with a blue roof (Cat No. N92003) and 92043 in the latest GBRf Europorte blue and orange (N92043). Incidentally, 92003 was the locomotive used to haul the last BR-operated service in November 1997 – the 11.15pm Dollands Moor to Wembley.

Straight from the box, the phenomenal attention to detail in this new release is clear – so much so that we were instantly thinking this could be the best 'N' gauge model we have seen. Highlights include factory fitted bufferbeam parts at one end, separately fitted windscreen wipers, clear glazing, representation of the driver's sunblind, a separately fitted handrail and lamp iron, airhorns above the cab and what can only be described as perfect shaping of the cab front panel.

The roof is fabulous. Revolution Trains has captured the intricate detailing of the real locomotives with super fine etched metal posable pantographs, conduits, »





Etched metal posable pantographs are fitted to the roof of the 92s.

TECHNICAL DETAILS	
Supplier:	*www.revolutiontrains.com*
Cat No:	N92003/N92043 (featured)
Description:	Class 92 Co-Co electric 92003 *Beethoven* (Cat No. N92003) 92043 (Cat No. N92043)
Builder:	Brush Traction
Region:	Midland and Southern
Gauge:	'N'/9mm
Scale:	2mm:1ft
Length (over buffers):	153mm
Price:	£175
Couplings:	Rapido couplings in NEM pockets
DCC:	DCC ready, Next18 socket
Speaker:	15mm x 11mm cube fitted
Exterior lights:	Directional head and tail lights
Interior lights:	Cab lights
Minimum curve radius (designed):	Second
Minimum curve radius (tested):	Second
Motor type:	Five-pole
Flywheel:	Two
Wheel arrangement:	Co-Co
Purpose:	Mixed traffic
Haulage capacity (expected):	Ten coaches plus
Haulage capacity (actual):	Ten coaches (maximum tested)

Revolution Trains Class 92 is a stunning addition for 'N' gauge. It is available in a range of liveries covering the classes history from 1993 to the present day.

"The Class 92s are fitted with a five-pole motor and twin flywheels for propulsion while there are also traction tyres on one wheel of each bogie to ensure this powerful electric locomotive can haul scale length trains."

MIKE WILD



GO ONLINE!
VISIT WWW.KEYMODELWORLD.COM TO SEE THIS IN ACTION

grilles and more. The bodyside, although comparatively plain alongside some locomotives, has all the hallmarks of the Class 92 including flush glazing to the cab windows, double handles on the doors, separately fitted handrails and finely detailed grilles.

Moving down to the underframe, the good work continues with finely finished accurate bogies topped off with third-rail pick-ups, pipework detail and steps. The central underframe components are a single piece moulding, but one which has excellent relief which means you would be hard pressed to notice its construction method from normal viewing distances.



92003 Beethoven hauled the last BR operated train before privatisation and it is fitting that this locomotive has been chosen as part of the first batch.

The high-quality production continues to livery application. Our models of 92003 and 92043 were finished to exacting standards and included crisp edges between all colours, outstanding cantrail lining on 92003, superb printing of the BR crests, Eurotunnel roundels and depot crests plus data panels, labels and warning signs where appropriate. 92043 is similarly well appointed and looks very smart in its GBRf blue and orange.

PERFORMANCE

The Class 92s are fitted with a five-pole motor and twin flywheels for propulsion while there are also traction tyres on one wheel of each bogie to ensure this powerful electric locomotive can haul scale length trains in model form too.

Directional lighting is switched on as standard together with cab lights in analogue mode while a switch in the underframe allows the tail lights to be turned off for when the 92s are at the head of a train. Our only point of note here is that the cab lights can't be turned off manually and there was some show-through of light above the window frames on our samples.

A Next18 decoder socket is provided, although access is a little awkward as the wiring for the lighting and speaker pass over the top of the decoder blank. Adding to the internal specification is a 15mm x 11mm cube speaker factory fitted to the model which means upgrading to either DCC or DCC sound is a straightforward process once you have access to the decoder socket.

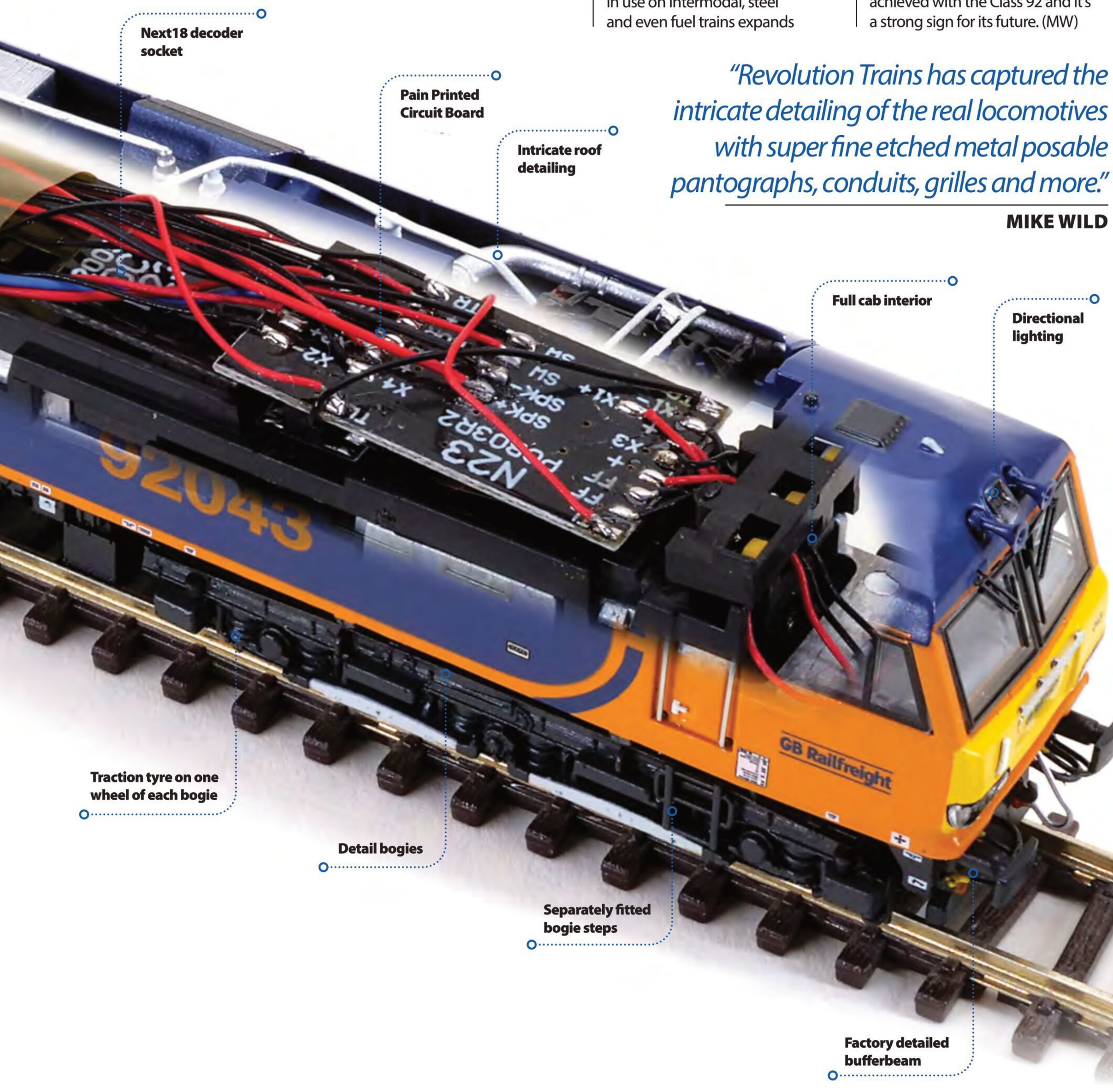
On the track, our samples ran smoothly and quietly throughout the speed range and we tested both at the head of a rake of 10 coaches which was no match for their haulage capacity. You can see these two models in action on *www.keymodelworld.com*

OVERALL

Revolution's Class 92 has been eagerly awaited by the 'N' gauge community and it will make a perfect partner to the recently released IPA car carriers (HM162) while their diversity in use on intermodal, steel and even fuel trains expands their horizons further.

Better still, Revolution is offering the class in a range of colour schemes including EWS branded triple-grey, EWS maroon and gold, DB Schenker red and grey and Caledonian Sleeper teal – plus there is an exclusive edition as 92017 *Bart the Engine* in Stobart Rail colours available from Kernow Model Rail Centre.

Like all Revolution Trains projects, the Class 92 is now available in limited numbers from its retailers and we are sure that anyone who adds these impressive ready-to-run models to their fleet will be highly impressed. Is it the best 'N' gauge model yet? We think so: nothing can match the fidelity of detail which Revolution Trains has achieved with the Class 92 and it's a strong sign for its future. (MW)



"Revolution Trains has captured the intricate detailing of the real locomotives with super fine etched metal posable pantographs, conduits, grilles and more."

MIKE WILD

FIRST REVIEW

Flangeway 'SALMONS'

Engineering wagons have always been well-received and this new release from Flangeway delivers a missing link from the departmental fleet – the 'Salmon' 62ft rail carrier. **MIKE WILD** explains their purpose and inspects this new arrival.

WE'RE NOT ALONE IN our enthusiasm for engineering and departmental rolling stock, not least because new ready-to-run models for this sector keep emerging onto the market. In recent years we've seen the 'Dogfish' and 'Trout' four-wheel ballast hoppers, 'Sealion' and 'Seacow' bogie ballast hoppers, the 'Shark' ballast plough, 'Mermaid' side tipping spoil wagon, 'Grampus' spoil wagon and more join the ranks of ready-to-run for 'OO'.

Now we have a new vehicle to add to the roster – Flangeway's all-new model of the BR 'Salmon' 62ft rail and track panel carrying wagons for 'OO'. Flangeway is the exclusive model arm of Footplate Models and its previous products have modelled the BR ZZA snowplough and the 'Mermaid' side tipping ballast wagon, both of which have been made through Dapol. The 'Salmon' has been made via the same manufacturer and is being released in a choice of original 1950s BR black, 1970s BR olive green and 1980s onwards BR yellow.

The real vehicles were based on a former LMS design with the first batch being built in 1949. From 1952 the design was changed to use BR Plateback bogies - 5ft 6in and 8ft bogies were used - and 894 were completed by 1961 in 16 different batches. Construction was split between BR workshops at Derby and Wolverton as well as contractors, leading to detail differences between batches and different diagram numbers.

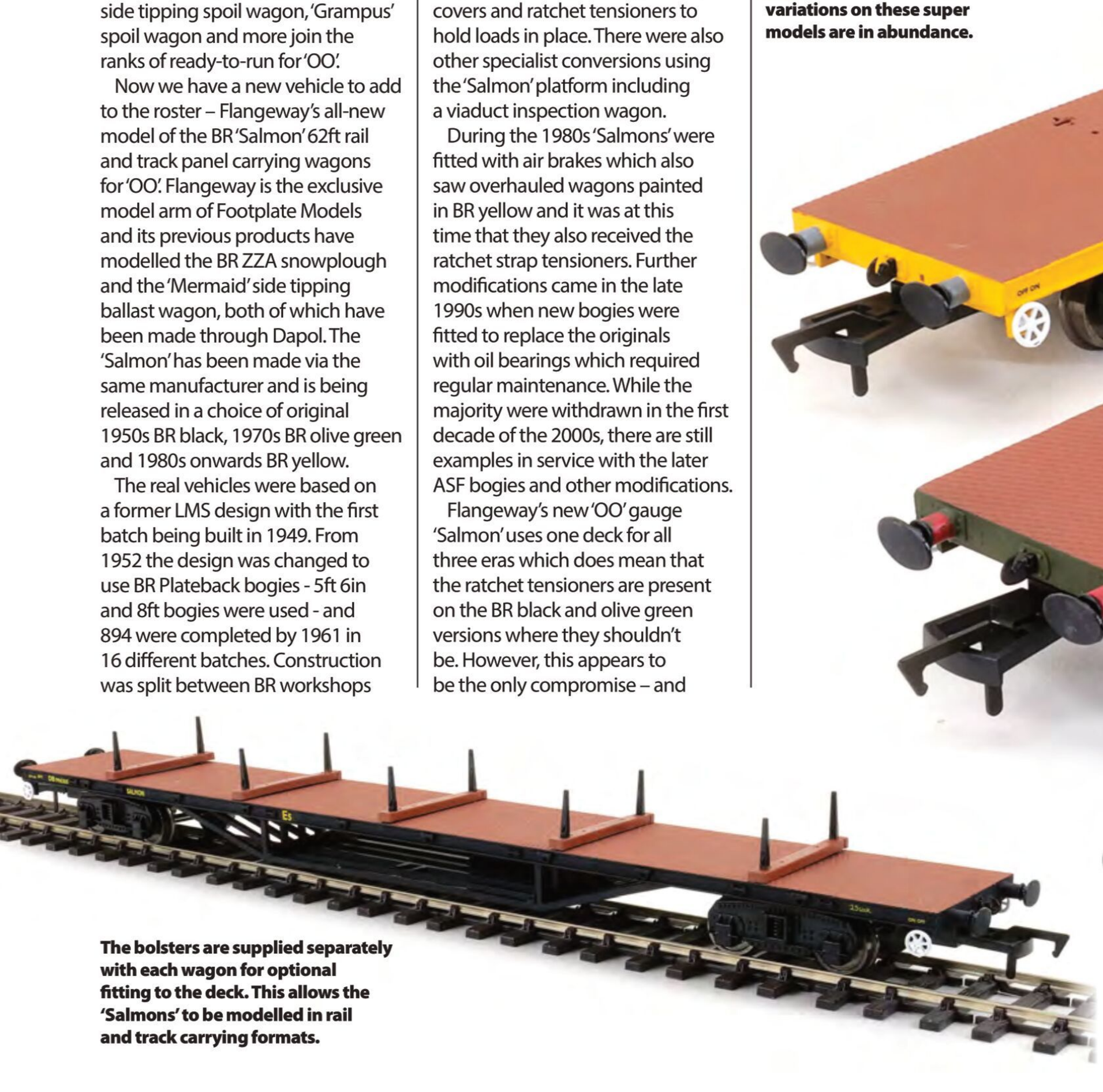
The wagons were designed to be able to transport a 60ft length of rail or track panel and were used both with and without bolsters. They were also used in the transport of sleepers, while in later life a number of modifications were made to the wagons including adding cranes, covers and ratchet tensioners to hold loads in place. There were also other specialist conversions using the 'Salmon' platform including a viaduct inspection wagon.

During the 1980s 'Salmons' were fitted with air brakes which also saw overhauled wagons painted in BR yellow and it was at this time that they also received the ratchet strap tensioners. Further modifications came in the late 1990s when new bogies were fitted to replace the originals with oil bearings which required regular maintenance. While the majority were withdrawn in the first decade of the 2000s, there are still examples in service with the later ASF bogies and other modifications.

Flangeway's new 'OO' gauge 'Salmon' uses one deck for all three eras which does mean that the ratchet tensioners are present on the BR black and olive green versions where they shouldn't be. However, this appears to be the only compromise – and it's understandable too, as it would require a completely separate moulding for the earlier wagons – as the earlier wagons are unfitted (as they should be) and no have braking components on the chassis. The BR yellow version correctly features air brake pipework and equipment underneath while optional bufferbeam brake pipes are included in the accessory pack of the BR yellow versions.

The first batch all ride on BR 8ft Plateback bogies, but Flangeway says it is working on the ASF bogie for these wagons. The bogies supplied under the wagons are

Below: **Detail and livery variations on these super models are in abundance.**





The bolsters are supplied separately with each wagon for optional fitting to the deck. This allows the 'Salmons' to be modelled in rail and track carrying formats.



The underframe of the BR yellow version includes airbraking while the other versions are unfitted.

TECHNICAL DETAILS

Manufacturer:	*www.footplate.co.uk*
Cat No:	SA001-SA009
Description:	BR 'Salmon' rail-carrying wagon
Region:	All
Gauge:	'OO'/16.5mm
Scale:	4mm:1ft
Length (over buffers):	239mm
Price:	£49.95 per wagon
Couplings:	Small tension locks in NEM pockets
Purpose:	Rail and track panel transport

Above: **Fine detailing also applies to the underframe, although all versions include ratchet strap tensioners.**

GO ONLINE!
VISIT WWW.KEYMODELWORLD.COM
TO SEE THIS IN ACTION

neatly moulded and feature turned metal wheels. The underframe is a six-truss design (there were differences between batches) while the storage box correctly features a half-height plank at the bottom with an opening at the top. Completing the underframe is a set of handbrake wheels plus self-centring NEM coupling pockets at each end. Couplings aren't fitted at the factory – they come in the accessory pack together with a dummy coupling hook, three link coupling and five bolsters for optional fitting to the deck.

The wagon deck is a die-cast moulding to increase the weight of the wagon for smooth running on the track. It features chequer plate detail to the surface while the sides have load restraint hooks and ratchet tensioners. With the separately supplied bolsters installed the wagons really do look superb, but it is pleasing that they don't have to be glued in place, allowing modellers to change the use of their wagon at a later date.

Decoration of all three liveries was excellent on our samples with neat application of the main body colours allied to crisp printing of the wagon numbers and lettering.

The 'Salmon' fills a much-needed gap in the market for ready-to-run rail carrying wagons and with their long life span from the 1950s to the present day these represent a strong addition from Flangeway. Engineering trains will definitely benefit from their arrival and we are looking forward to adding these wagons to our own fleets. (MW)

ALL SCALES

LEGACY POWER-POINTS

● **Price:** £18.95 ● **Cat No:** LM-PP.2
● **Site:** *www.legacymodels.co.uk* ● **Era:** N/A





NEW FROM DCC Concepts' sister company, Legacy Models, are Legacy PowerPoints. Similar in appearance to the parent company's original baseboard alignment dowels (HM128), these clever PowerPoint examples also incorporate electrical connections to enable track power to be transferred from one baseboard to another through the dowels and receptors, rather than using a separate jumper cable.

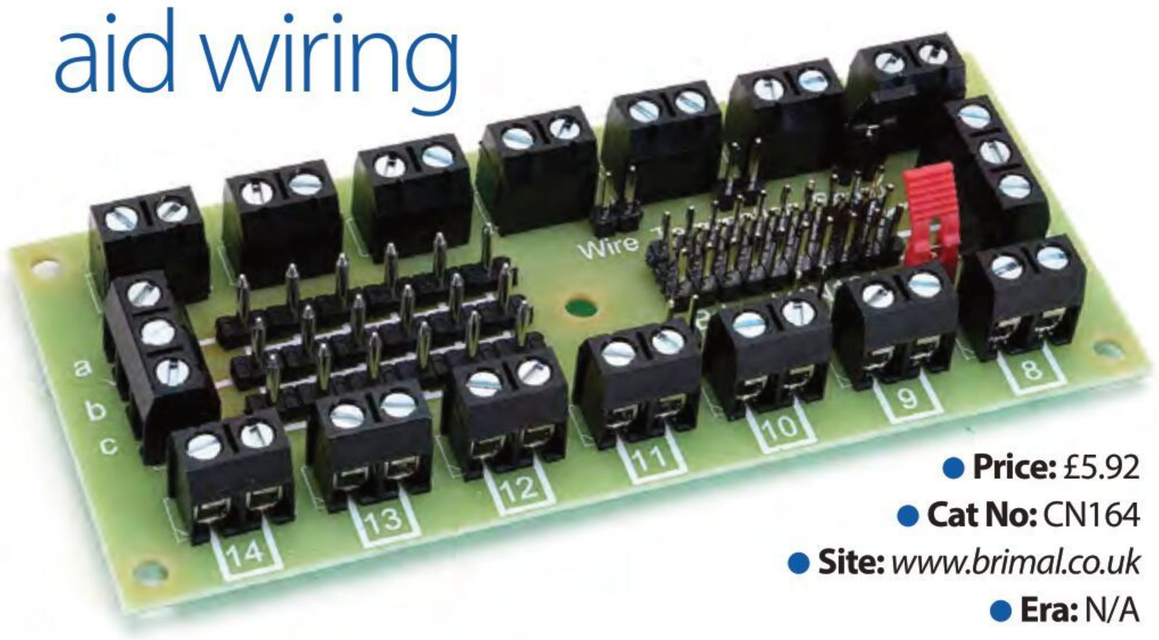
Manufactured from hard alloy, each dowel and receptor features gold-plated electrical terminal connections at one end, while the dowel features a sprung metal plunger at its leading end which completes the circuit once it comes into contact with the receptor located in the adjoining baseboard - particularly useful for digital control and exhibition layouts. Four crimp terminals and insulated covers are also included to complete connections, or you could solder direct to the terminals.

Our review sample pack contained two pairs of Legacy PowerPoints, which should be sufficient for joining two baseboards together, while a pack containing four pairs (Cat No. LM-PP.2) is also available. To install the PowerPoints, you will need a pilot drill together with a 13mm and 19mm spade bit. A step-by-step guide is provided on the rear of the header card, while a small pack containing a pair of spare gold-plated terminals and springs is also included.

Another innovative product which not only offers accurate alignment between baseboards, it will keep power connections tidy too. (MC)

ALL SCALES

Universal connections aid wiring



● **Price:** £5.92
● **Cat No:** CN164
● **Site:** *www.brimal.co.uk*
● **Era:** N/A

Brimal Components has added a useful universal wire termination board to its range of electrical components and modelling aids.

Based around a 106mm x 46mm PCB, it is crammed with components to enable multiple electrical connections to be made. It features 14 twin 6amp screw terminals, two three-way screw terminal blocks (one connected to 1.3mm pins on a 5mm grid, the other connected to 0.8mm pins on a 2.5mm grid) and is intended for connecting turnouts, signals, lights and servos. It has been designed to accept multiple voltages, for example 5vDC, 12vDC, 16vAC and DCC simultaneously and full instructions are included with the board to assist users in making the most of its functions.

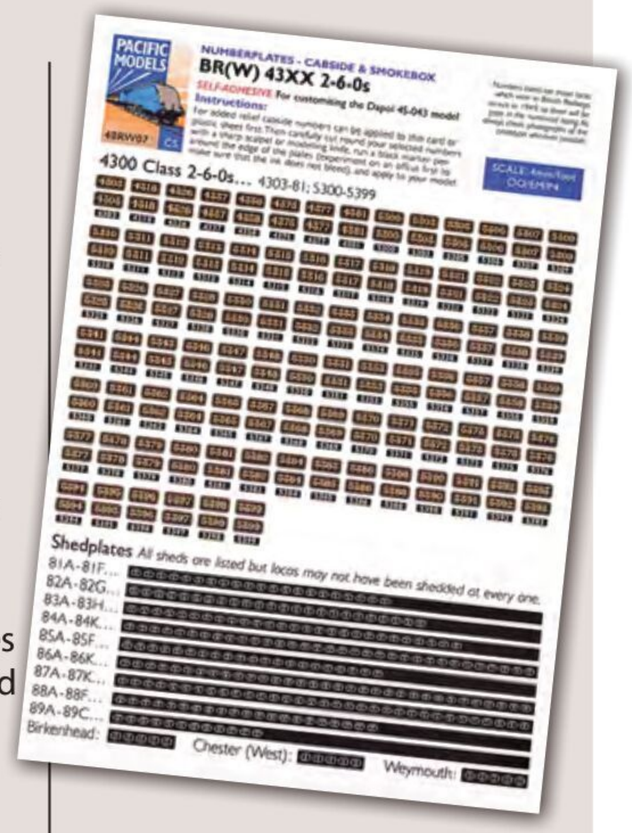
The board also features five fixing holes and comes with a black and a red removable junction strap.

A very useful addition. (MC)

'OO' GAUGE

'Mogul' numbers

● **Price:** £10 ● **Cat No:** 4BRW07CS ● **Site:** *www.pacificmodels.co.uk*
● **Era:** 4/5



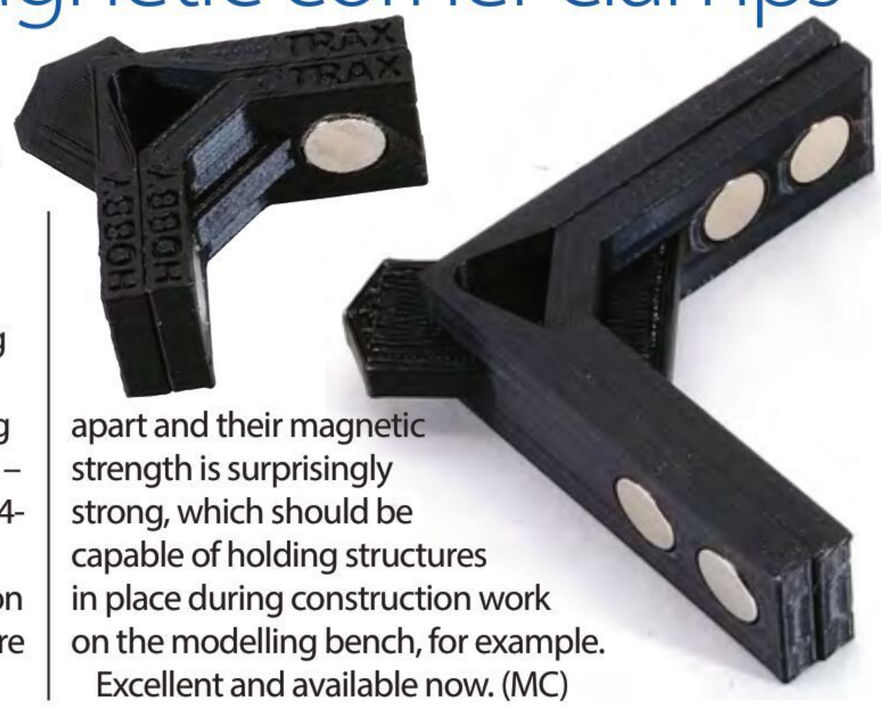
Extending its range of customisation sheets for ready-to-run models, Pacific Models has issued a set of replacement 4mm scale cabside and smokebox numberplates for Dapol's recently introduced 'OO' gauge GWR '43XX' 2-6-0s.

As with the GWR 'Large Prairie' 2-6-2T sheet (HM164), this latest addition will enable Dapol's new 'OO' gauge GWR 'Mogul' to be renumbered to the identity of your choice, with cabside plaques and smokebox numbers included for '43XX', '53XX', '63XX', '73XX' and '93XX' series locomotives reflecting the BR motive power fleet as it was in 1949.

Each set of cabside numbers is neatly printed with brass-coloured numerals on a black background, while the smokebox door plates feature white numbers on a black background. As with previous examples, carefully touching in the edges of the plates with a black marker (or similar) will improve the overall appearance. (MC)

ALL SCALES

HobbyTrax magnetic corner clamps



- **Price:** £6.99/£7.99/£8.99
- **Cat No:** 1144-6434/6435/6436
- **Site:** *www.hobbytrax.co.uk* **Era:** N/A

HobbyTrax has added magnetic corner clamps to its range of modelling tools.

Ideal for the construction of kits and structures, each is 3D printed in a strong black plastic material and comprises two L-shaped sections fitted with strong magnets. They are offered in three sizes – 30mm (Cat No. 1144-6434), 40mm (1144-6435) and 50mm (1144-6436) - and are designed so the smaller L-shaped section sits within the larger section. They feature useful finger grips, can easily be prised apart and their magnetic strength is surprisingly strong, which should be capable of holding structures in place during construction work on the modelling bench, for example.

Excellent and available now. (MC)

ALL SCALES

Deluxe Materials carbon fibre



- **Price:** £11.50/£12.49
- **Cat No:** BD62/BD66
- **Era:** N/A
- **Site:** *www.deluxematerials.co.uk*

Deluxe Materials' extensive range of adhesives and modelling materials includes these useful packs of carbon fibre mat and carbon fibre tissue.

Each pack contains 750mm x 330mm of black carbon fibre material. The superlight tissue has been developed for strengthening lightweight materials and while intended primarily for aero modelling applications, can be used with balsa, ply and foam, while the teasable carbon fibre mat is intended for laminating and can be shaped or contoured. These material packs have potential for use in scenic modelling for model railways. (MC)

'OO' GAUGE

Supercast Stephenson

- **Price:** £5.50 (figures)/£9.95 (plinth) **Cat No:** Various
- **Contact:** 01843 593417/07976 724225 **Era:** Any

Mike Pett's 4mm scale Supercast range of white metal accessories is bolstered with a new statue of Victorian railway engineer Robert Stephenson and a standalone church priest figure.



Each figure measures 24mm high and features an extended locating peg beneath one foot. Our review sample of Robert Stephenson was painted a bronze colour ready for placing on the 32mm x 24.5mm white metal plinth (available separately). A black self-adhesive label with gold lettering is also supplied to complete the front of the plinth.

Meanwhile, our review sample of the church priest was also supplied neatly painted and certainly looked the part. The painted finish to each is very good but if you wish to decorate your own figures, they are also available unpainted too. (MC)



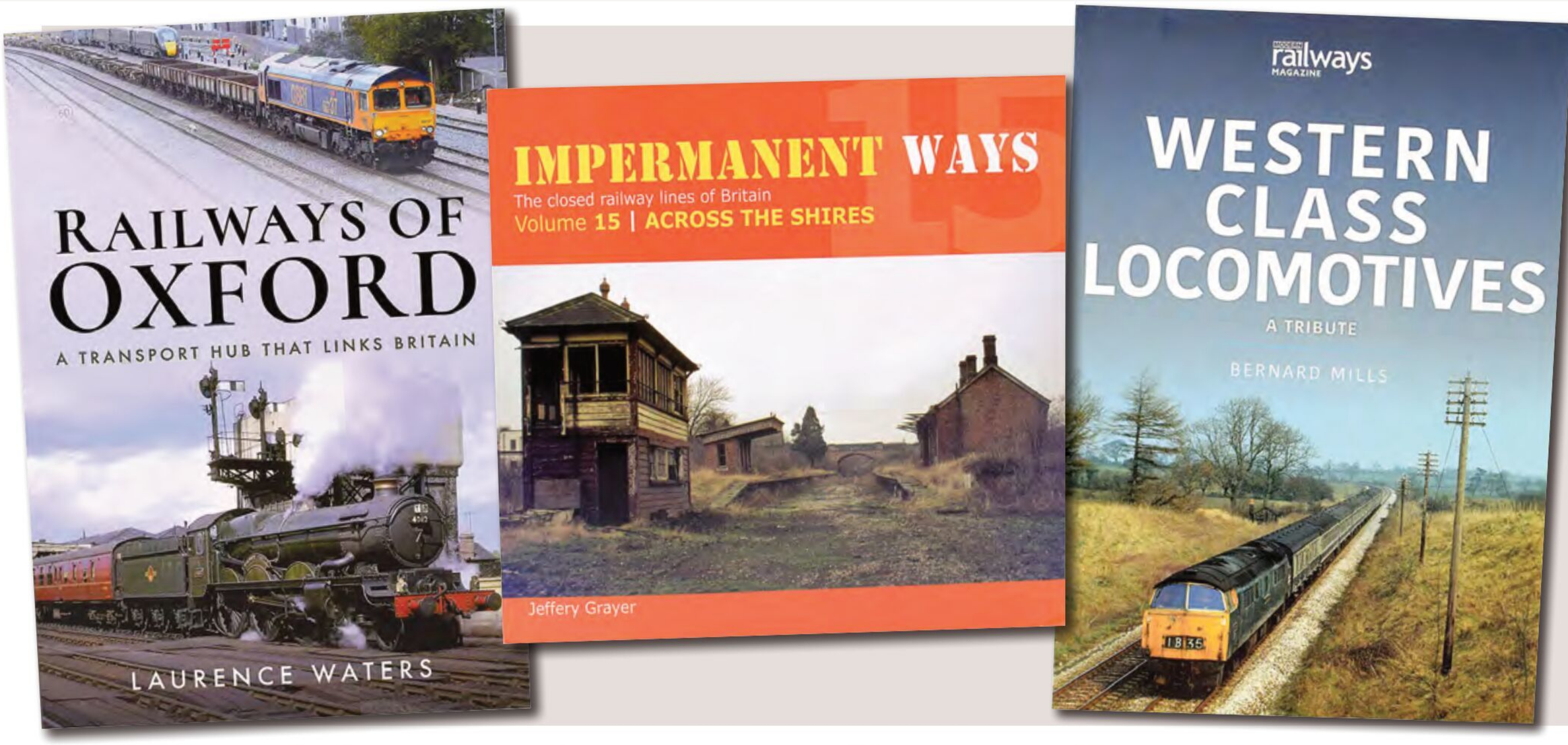







HARDER & STEENBECK

www.harder-airbrush.eu



Railways of Oxford

Author:	Laurence Waters
Publisher:	*www.pen-and-sword.co.uk*
Title:	Railways of Oxford – A transport hub that links Britain
ISBN:	978-1-52674-038-0
Price:	£25
Spec:	224 pages, hardback

OXFORD'S RAIL SCENE has undergone significant transformation in recent years with the introduction of a new route to London Marylebone together with new Intercity Express Trains on London Paddington services as well as infrastructure and signal upgrades. It is no surprise then, that this latest book from Pen and Sword should herald Oxford as a transport hub that links Britain.

Oxford's railway heritage dates to the mid-1840s and the author takes an in-depth look at its early history, the London & North Western Railway (LNWR) and Great Western Railway (GWR) stations - even the names of former station masters have been included. The book also features engine sheds, turntables, signalling, locomotives, freight traffic, passenger services, plus more recent structures and redevelopment around the railway in Oxford over the years.

Branch lines past and present are covered in some detail, including the long-gone routes to Abingdon, Thame/Princes Risborough, Witney and Woodstock and the remaining routes to the Cotswolds, Birmingham via Banbury, London Paddington via Reading and London Marylebone via Bicester, plus the freight only line to Morris Cowley. The latter remains busy today with regular trainloads of BMW Minis being transported by rail for export and is under consideration for reopening to passengers in the future.

The book's well-researched text is accompanied with an outstanding selection of photographs past and present with images of local stations, Oxford station itself through the years and classic motive power from the late 1800s through to present-day Class 800s.

A thoroughly enjoyable read. (MC)

Impermanent Ways – Volume 15

Author:	Jeffery Grayer
Publisher:	*www.crecy.co.uk*
Title:	Impermanent Ways – Volume 15: Across the Shires
ISBN:	978-1-9093-2896-9
Price:	£12.95
Spec:	104 pages, softback

CONTINUING THE IMPERMANENT WAYS series of books is this latest volume taking a somewhat broader approach to the usual focus on disused lines and stations of yesteryear in specific areas.

As a result, each chapter in this edition covers a different area – 24 in total – from Southampton Terminus on the South Coast to Callander in Scotland, and affords an extended view of Motive Power Depots (MPDs) in the North West during the final year of BR steam in 1968.

Many of the scenes show the aftermath of lines having been abandoned or demolished in one form or another, while some showcase the infrastructure as it was before rationalisation (Bristol East Depot) and occasionally enjoying a new lease of life (LNWR Oxford Rewley Road station) – there is even an image of a signalbox in the Scottish borders being used to store bales of hay!

Generally, the photographs are clear to view and reproduction is good with sufficient clarity to identify specific features. Many of the photographs present a down-at-heel image of redundant railway infrastructure, but they also offer a useful resource for modellers looking to recreate similar states in model form or perhaps even providing a glimpse of a difficult to find scene of a now long-closed railway line or station for inspiration.

Given the book presents a reminder of how things have changed over time, it also provides potential food for thought and 'what if' potential for modellers who may wish to recreate a route or station that has been consigned to history. A useful and absorbing book from Crecy in softback format. (MC)

Western Class Locomotives – A Tribute

Author:	Bernard Mills
Publisher:	*www.keypublishing.com*
Title:	Western Class Locos – A Tribute
ISBN:	978-1-913870-03-4
Price:	£14.99
Spec:	96 pages, softback

THIS LATEST PICTURE VOLUME from Key Books offers a lasting tribute to BR's much-loved Type 4 'Western' C-C diesel-hydraulics.

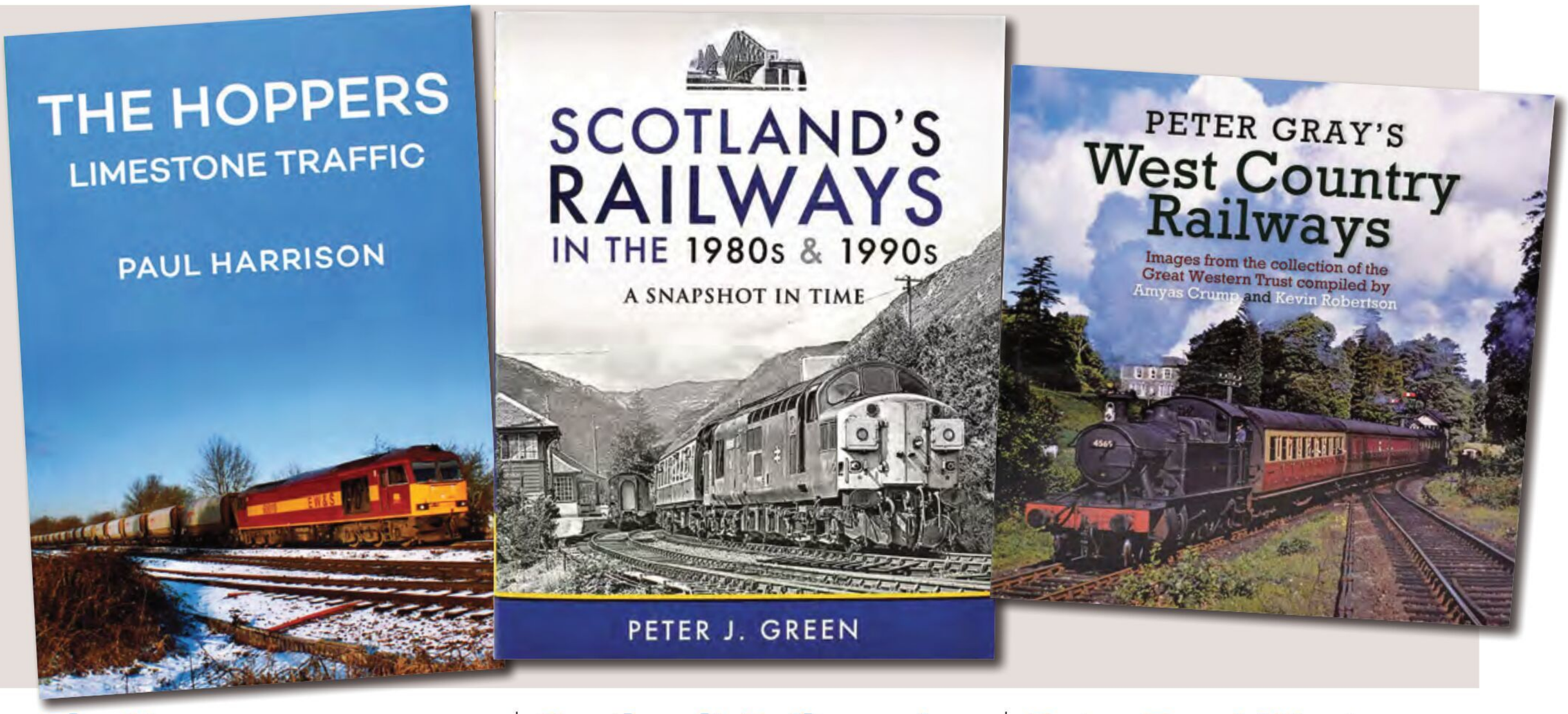
Reflecting the author's love for these distinctive hydraulic locomotives, Bernard Mills (a notable railway expert in the South West) takes us on a chronological journey of the class by running number and even presents a fitting and clever soliloquy to the 'Westerns' to conclude.

In the years leading up to their withdrawal, Bernard amassed a good deal of images of the class on passenger and freight turns and by pure chance discovered that he had captured shots of each locomotive at some point in its career. By his own admission, some of the class were more difficult to come by, so options were limited for one or two of the 'Westerns' when it came to compiling this volume. That said, the images selected demonstrate a keen eye for composition of the entire train within its surroundings which is a bonus for modellers wishing to replicate the formations in model form.

The author's contacts within the operating department also paid dividends when it came to the occasional request for a 'Western' to replace the regular diagrammed motive power on certain services, particularly on the Falmouth branch during the final year or so of service to enable him to obtain the right shots!

Image quality throughout is excellent, so much so that some photographs span an entire double page spread – D1015 *Western Champion* emerging from Box Tunnel, for example, and D1037 *Western Empress* departing Bristol Temple Meads and displaying the impressive trackwork at this location to stunning effect.

A fitting tribute indeed. (MC)



The Hoppers – Limestone Traffic

Author:	Paul Harrison
Publisher:	*www.amberley-books.com*
Title:	The Hoppers – Limestone Traffic
ISBN:	978-1-4456-9528-0
Price:	£14.99
Spec:	96 pages, softback

LIMESTONE TRAFFIC from Tunstead Quarry in Derbyshire has long been carried by rail and this latest picture volume from Amberley Publishing charts its history.

In the opening pages, the author explains how an increased demand for soda ash led to the need for block trainloads of crushed limestone. The chemical process is related too, as is the introduction of the distinctive bogie hopper wagons built for Imperial Chemical Industries (ICI) in the mid-1930s, which remained in service until withdrawn in late 1997. Archive images from 1936 showcase the 'hoppers' bearing their bodyside ICI lettering in some detail, while further photographs of LMS '8F' 2-8-0s on rakes of loaded wagons bound for Northwich bear witness to the tonnages carried by rail through the years.

Stanier '8Fs' maintained haulage of these trains into BR days, with BR '9F' 2-10-0s also captured on the traffic in later years. The book also includes some of the trials undertaken with diesel traction in the 1960s, including Metropolitan-Vickers Co-Bos, and subsequent traction transitions in later years, including Class 25s as well as double-headed Class 20s, 31s, 37s and 47s in various colour schemes – even Mainline blue and EWS maroon and gold Class 37s are illustrated hauling these veteran wagons. Subsequent hopper wagon and motive power changes are also included to bring the story up to date.

The volume also features good views of Tunstead Quarry from above as well as from the lineside, together with infrastructure through the years, the gradual weathering process on the original limestone wagons and features a few images of the occasional mishap too.

A fascinating reminder of this long-lived traffic. (MC)

Scotland's Railways in the 1980s and 1990s

Author:	Peter J. Green
Publisher:	*www.pen-and-sword.co.uk*
Title:	Scotland's Railways in the 1980s and 1990s – A snapshot in time
ISBN:	978-1-52677-354-8
Price:	£25
Spec:	200 pages, hardback

AMONGST THE LATEST RELEASES from Pen and Sword is this look back at Scotland's Railways during the 1980s and 1990s through the camera lens of Peter J. Green.

Peter's photographic record of the changing Scottish railway scene reflects the 'classic' locomotive-hauled freight and passenger services during this time, supplemented by InterCity 125 High Speed Trains (HSTs), first generation multiple units and the new breed of Class 150/156 units.

Images are black and white and typically laid out two-to-a-page. Reproduction is crisp and clear with plenty of detail for modellers. Each is well-composed, framing the train within the landscape, which is ideal if you wish to identify vehicles within the formations.

This weighty picture volume opens in the North of Scotland, with views of trains on the Inverness to Thurso/Wick and Kyle of Lochalsh lines and progressively works its way South by line-of-route to the Scottish Borders, capturing highlights from each route including Class 20s, 26s, 27s, 37s and 47s in various liveries, plus ScotRail's former Class 25 'ETHELs' (Electric Train Heating, Ex-Locomotive), Class 47/7s and steam locomotives such as NBR 'J36' 673 *Maude* on the Mallaig extension and LNER 'V2' 4771 *Green Arrow* crossing the Tay Bridge.

In addition to the station and lineside images, there are also glimpses of Scottish Region diesel depots, sidings and yards, while the magnificence of Scotland's landscape is captured beautifully– and is made all the more dramatic by the black and white images.

Excellent and available now. (MC)

Peter Gray's West Country Railways

Author:	Amyas Crump and Kevin Robertson
Publisher:	*www.crecy.co.uk*
Title:	Peter Gray's West Country Railways
ISBN:	978-1-9108-0962-4
Price:	£25
Spec:	208 pages, hardback

NEW FROM CRECY PUBLISHING IS this splendid volume featuring the outstanding colour photographic collection amassed by the late Peter Gray, which is now in the care of the Great Western Trust at Didcot.

Primarily a steam outline book, the area covered includes former GWR and SR routes in Somerset, Devon and Cornwall. There are a few diesel-hydraulics included and you may recognise a few of the images.

Compiled by Amyas Crump and Kevin Robertson, the introduction looks back at Peter's life and love of the railway, while the stunning photographs throughout are accompanied by extended captions which have been enhanced thanks to meticulous note-keeping by the photographer at the time.

The first few pages are dedicated to people, whether railway staff or passengers, while the remainder focus on the final years of steam on the Western Region and the Southern branch lines in Devon and Cornwall, with some terrific views of classic motive power, rolling stock and infrastructure from the late 1950s and early 1960s.

Picture quality and reproduction is superb. Subjects include goods, passenger and permanent way trains in branch line and main line locations, with a broad spectrum of WR and SR motive power – there's even a Type 27 Wickham Trolley captured trundling along the Newquay to Chacewater line in 1961!

For modellers there is plenty to glean from within the pages, from authentic passenger and freight train formations to tidy platforms, neatly tended flower beds, weathering effects, road conditions, semaphore signalling, buildings, and much more. (MC)

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 · LGB · Athearn · BACHMANN · Spectrum · Lenz ELEKTRONIK GMBH · VI Trains · märklin · FLEISCHMANN · Rivarossi · Lima · Jouef · Tri-ang RAILWAYS · wrenn RAILWAYS · BRAWA LIEBE ZUM DETAIL · LIONEL · DJH MODEL LOCO · LILIPUT · HELJAN · ATLAS · KATO · Roco · AIRFIX · Electrotren · FALLER · PIKO · ARNOLD · MINITRIX · TRIX · REPLICA RAILWAYS · HORNBY DUBLO · WALTHERS · DINKY TOYS · MATCHBOX · CORGI TOYS · MECCANO · SCALEXTRIC · Tri-ang MINIC Motorways · EXLEY EDWARD EXLEY LTD

WE ALSO BUY **RAILWAYANA** | SIGNAGE AND TOTEMS | **AND MORE...**

Telephone our Second Hand team on: (0114) 255 1436 or email: secondhand@railsofsheffield.com - Ref: HM2021

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 FOUNDED IN SHEFFIELD

EXCLUSIVES

OO GAUGE MODELS

See the website for full details:

NEW!
ONLY £30 DEPOSIT



BACHMANN BRANCH-LINE

LNWR IMPROVED
PRECEDENT
CLASS 2-4-0

3 VERSIONS AVAILABLE

PRE-ORDER NOW! £220 DCC READY

WAINWRIGHT
D CLASS

6 VERSIONS AVAILABLE

dapol Model Railway Company

LOCOMOTION MODELS



Secure yours for **ONLY £30 DEPOSIT**

PRE-ORDER NOW!



DERBY/SULZER TYPE 4
CLASS 45's
BR DIESEL LOCOMOTIVE

2 VERSIONS AVAILABLE

HELJAN

PRE-ORDER NOW! £169.00 Secure yours for **ONLY £30 DEPOSIT**

CLASS 92's

2 VERSIONS AVAILABLE

accurascale

PRE-ORDER NOW!
£159.99–£249.99
ONLY £30 DEPOSIT





NEWLY TOOLED
DELTIC

6 VERSIONS AVAILABLE

accurascale

PRE-ORDER NOW! £160–£250 Secure yours for **ONLY £30 DEPOSIT**

IN STOCK NOW!

SELLING FAST!!

HELJAN

DRS Minimodal
CLASS 33/0 TWIN PACK

AVAILABLE NOW! £279.50



Please see our website for latest availability and expected arrival dates

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 GAUGE MODELS

SEE WEBSITE for more EXCLUSIVES & details!

HORNBY MODEL RAILWAY Awards 2019 2018

RETAILER OF THE YEAR!

BACHMANN BRANCH-LINE



CALEDONIAN RAILWAY BLUE MCINTOSH

812 CLASS 0-6-0

5 VERSIONS AVAILABLE

PRE-ORDER NOW! £179.95–£199.95

Secure yours for **ONLY £30 DEPOSIT**

NORTH EASTERN RAILWAY

ELECTRIC AUTOCAR

3 VERSIONS AVAILABLE

HELJAN

PRE-ORDER NOW! £199.95

Secure yours for **ONLY £30 DEPOSIT**





BR GAS TURBINE CLASS

18000

3 VERSIONS AVAILABLE

PRE-ORDER NOW! £199.99

Secure yours for **ONLY £30 DEPOSIT**

HELJAN

NO.37610

CLASS 37/6

HNRC BR BLUE DIESEL LOCOMOTIVE
(WRAP AROUND YELLOW NOSES)

accurascale



PRE-ORDER NOW! £169.99-£259.99 – Secure yours for **ONLY £30 DEPOSIT**



TWIN PACK

N GAUGE MODEL

43238 'NRM 40' POWER CAR

CLASS 43 LNER HST

43302 'WORLD SPEED RECORD' TRAILER CAR

dapol
Model Railway Company

O GAUGE MODEL

NO.779 'EVENING STAR'

CLASS 66

GBRF BR GREEN LIVERY

DCC READY / DCC FITTED / DCC SOUND VERSIONS

dapol
Model Railway Company

PRE-ORDER NOW! £325-£475



CREDIT: D.J.H. PHOTOGRAPHY

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

info@railsofsheffield.com railsofsheffield railsofsheffield railsshеffield railsofsheffield

Corporate Partners of RAILWAY MUSEUM

CELEBRATING 50th ANNIVERSARY

1970

RAILS OF SHEFFIELD

2020

CELEBRATING 50th ANNIVERSARY

railsofsheffield.com

NEW! N GAUGE — Revolution trains

DRAX POWER IIA-D BIOMASS HOPPERS - TWIN PACKS

Featuring NEM couplers, highly detailed bodies with a host of separately fitted details including hopper roof door opening rams, control gear and brake equipment, and will be available in a range of numbers and liveries.



CREDIT: DAVE KIRWIN

EXCLUSIVE Twin Packs, Unique Running No's: – Original Drax Power livery – Drax Northern Powerhouse livery – Drax Renewable Pioneer livery

PRE-ORDER NOW! £79.95 **6 TWIN PACKS AVAILABLE**

N GAUGE — Sonic Models — Revolution trains

NEW LIVERIES AND NUMBERS ADDED TO SONIC 56xx LINE-UP

N-gauge newcomer Sonic Models is offering additional liveries and new numbers to the forthcoming **56xx (GWR/BR9W) 0-6-2 tank locomotive**.



EXPECTED SOON! See website for details

S2101-01 – 5637. BR lined green.
S2101-01A – 5643. BR lined green.
S2101-02 – 6681. BR lined green weathered.
S2101-03 – 5633. BR unlined green.
S2101-04 – 6639. BR unlined black.
S2101-04A – 5619. BR unlined black.
S2101-05 – 5616. GW unlined green.
S2101-06 – 6623. GW unlined green.
S2101-06A – 6671. GW unlined green.
S2101-07 – 5609. GW unlined green.
S2101-08 – 6602. BR unlined black.
S2101-09 – 5644. GW Unlined green.

PRE-ORDER NOW! £109.95 **12 VERSIONS AVAILABLE**

NEW PRODUCT!

CRAFTED FOR **RAILS** BY **DCCconcepts**

RAILS CONNECT DCC DECODER

IT'S TIME TO CONNECT WITH THE *NEXT GENERATION* OF DCC DECODERS

RoS-218 £19.95
- OO/HO Decoder perfect for 21 pin, 8 pin and hard-wire installation
- 6 powered functions

RoS-8D £19.95
- OO/HO 8 pin direct plug decoder for DCC-ready locomotives
- 4 powered functions

RoS-6D £19.95
- N & Small HO/OO 6 pin direct plug decoder for DCC-ready locomotives
- 2 powered functions

RoS-8HP £24.95
- High Power decoder for 8 pin and hard-wire installation into older OO/HO or modern O gauge locomotives
- 4 powered functions

IN STOCK NOW!!! SEE WEBSITE FOR DETAILS

GREAT PRICES ON PECO

SL-100	25 YARDS CODE 100 WOODEN SLEEPER TYPE NICKEL SILVER FLEXIBLE TRACK	£74.50
SL-100F	25 YARDS NICKEL SILVER FINESCALE FLEXIBLE TRACK WOODEN SLEEPER	£79.50
SL-102F	25 YARDS FINESCALE CONCRETE SLEEPER TYPE NICKEL SILVER FLEXIBLE TRACK	£87.00
SL-91/E91/92/E92	SMALL POINTS RIGHT & LEFT HAND INSUL OR ELECTROFROG	£11.50 each
SL-95/E95/96/E96	MEDIUM POINTS RIGHT & LEFT HAND INSUL OR ELECTROFROG	£11.95 each
SL-88/E88/89/E89	LARGE POINTS RIGHT & LEFT HAND INSUL OR ELECTROFROG	£13.50 each
PL10/PL10X6	PL10 POINT MOTOR (SWITCH MACHINE) INDIVIDUAL OR 6 PACK	£6.50/£37.50
SL-300	25 YARDS CODE 80 NICKLE SILVER FLEXIBLE TRACK WITH WOODEN TYPE SLEEPERS	£70.00
SL-300F	30 YARDS CODE 55 FINESCALE N/S FLEXIBLE TRACK WOODEN SLEEPER	£94.50
SL-395/96-E95/E96	MEDIUM POINTS RIGHT & LEFT HAND INSUL OR ELECTROFROG	£10.50 each
SL-U395F/U96F	MEDIUM RIGHT HAND TURNOUT UNIFROG CODE 55	£11.50 each
SL-388/389/E388/E389	LARGE POINT ELECTROFROG RIGHT & LEFT HAND POINTS	£12.50 each
SL-700BH	12 YARDS O GAUGE FLEXIBLE NICKLE SILVER TRACK (BULLHEAD) WOODEN SLEEPER	£80.00
SL-700FB	12 YARDS O GAUGE UNIVERSAL FINE CODE 143 WOODEN SLEEPER	£80.00
SL-E791/792BH	MEDIUM RADIUS RIGHT & LEFT HAND POINTS WITH BULLHEAD RAIL	£46.00 each
SL-E791FB/E792FB	MEDIUM RADIUS RIGHT AND LEFT NICKEL SILVER ELECTROFROG POINT (CODE 143 FLAT BOTTOM)	£48.50 each

ALSO STOCKED AT BARGAIN PRICES!

ALL the big brands

HORNBY RAILROAD · HORNBY · OXFORD · GAUGEMASTER · RAPIDO TRAINS INC · DJ · GRAHAM FARISH by BACHMANN · HELJAN · PECO · dapol · Lok Round · RATIO · MATHIESON · LILIPUT · CORGI · Jouef · SCALEXTRIC · WOODLAND SCENICS · METCALFE · HARBURN HAMLET · Lenz ELEKTRONIK GMBH · K&M TREES · KATO · WILLS·KITS · model scene · Exclusive First Editions · LEGOMANBIFFO · REALTRACK · Electrotren · Rivarossi · Hattons

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

RAILS TV & SOCIAL MEDIA...
Like us on:
YouTube railsofsheffield · f railsofsheffield · railssheffield · railsofsheffield

ebay **2 STORES, 100'S OF ITEMS ADDED DAILY**
RAILS-SHEFFIELD RAILS-VAULT

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 · railssheffield · railsofsheffield

Corporate Partners of RAILWAY MUSEUM

Sunningwell Command Control Ltd

Always looking to bring you the best in DCC systems and support



SCC are proud to stock and support the full range of Soundtraxx's UK Econami decoders





Run by railway modellers for railway modellers.
Serving the DCC community since 1998 with the experience and knowledge to match.

SCC LTD.
PO Box 381, Abingdon SO OX13 6RB
Tel: 01865 730455
Email: info@scc4dcc.co.uk
Website: www.scc4dcc.co.uk

The **Lancashire & Yorkshire Railway** *Society*

Partners in excellence with the National Railway Museum

Model the LYR

Each year our 900 plus members receive

3 LYR Focus

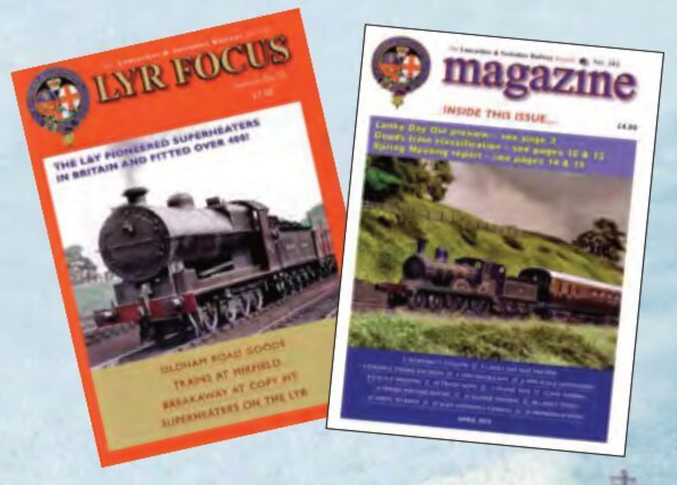
48 pages full of photo's & historical information

4 Magazines

24 pages in full colour with topical information and modelling articles

Plus Access to

12000 Photo's
1100 Drawings
Information service



Membership £35 annually

International members £45

Join online lyrs.org.uk

Ken Carter Membership Officer
11 Waveney Close
Arnold, Nottingham NG5 6QH
membership@lyrs.org.uk

PLUG & PLAY STAY-ALIVES

DCC concepts thinking outside the square

Just plug them in: no more stalling, no more sound resets!

Designed from the ground-up for the user, not to suit a technophile... Designed to be simple to install & easy to use.
Designed to take away problems and actually fit into small spaces that others cannot, no matter how expensive they are.
Designed for modellers that just want to get on with operating trains without the need to learn a whole new set of skills.

DCD-SA3-SS
32mm x 14mm x 6mm high

DCD-SA3-LG
22mm x 14mm x 6mm high

DCD-SA3-MD
12mm x 14mm x 6mm high

DCD-SA3-SM
6mm x 14mm x 6mm high

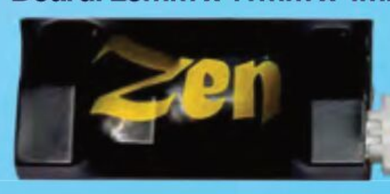


DCD-3WH.3
Adapter harnesses to connect all models of SA3 Stay-Alive to ESU LokPilot, LokSound & Lenz Silver or gold Decoders (3-pack)

READY TO GO WITH ZEN DECODERS

- Available in singles or three-pack sets.
- Great value assorted (all four) pack too.
- Installable INSTANTLY with Plug'n'Play.
- Unbelievably good cost-performance.
- Perfect with ZEN, great with SOUND too.

ZEN 3-Wire Stay-Alive Control Board. 23mm x 11mm x 4mm



DCC concepts thinking outside the square

Ph +44 (0) 1729 821 080 * sales@dccconcepts.com * www.dccconcepts.com

Stanier SOUNDS

The '8F' 2-8-0 has a purposeful and exhilarating bark which Locoman Sounds has replicated on the Doehler & Haass decoder suite. In this step by step guide, **MIKE WILD** upgrades Hornby's Stanier '8F' with sound, stay alive and firebox flicker using a D&H 8-pin chip.

TOOLS

- Crosshead screwdriver
- Soldering iron
- Solder
- Wire strippers
- Small scissors
- Tweezers

48045 simmers in the sidings at Topley Dale Quarry before departing with a rake of freshly laden ICI bogie hoppers. The Locoman Sounds audio project allows the full effect of a working locomotive to be replicated from exhaust sounds to whistles, coupling up, safety valves, firebox flicker and more.

A DISTANT hooter sounds and instantly you know the origins of the locomotive at the head of the approaching train. It's clearly a Stanier locomotive with *that* distinctive whistle, and as it approaches, the staccato bark of the exhaust shuts off as the driver closes the regulator. There's a second long Stanier hooter sound as the locomotive drifts under the bridge before the driver opens the regulator once more in a display of power and sound as the '8F' takes charge of its long string of wagons.

It's a scene which played out hundreds of thousands if not millions of times on the real railway, and one we can still savour in preservation as 14 of this class of 852 locomotives still survive today. However, more often than not we now see them at the head of passenger trains, whereas Stanier's original purpose for this hardworking and rugged locomotive design was freight traffic.

The first were built in 1935 with construction continuing for another 11 years. These versatile 2-8-0s were built by the LMS at Crewe and Horwich as well as by North British Locomotives, Vulcan Foundry, the LNER at Darlington and Doncaster, the GWR at Swindon, the SR at Brighton, Eastleigh and Ashford plus Beyer-Peacock. The reason that construction was so widespread was the use of the '8Fs' during the Second World War as a standard freight engine. You can read the full story of the Stanier '8Fs' in HM156 or online at *www.keymodelworld.com/reality-check*.

In model form, the '8F' has been part of the 'OO' gauge scene since Hornby Dublo released its first version in 1958 and the most recent 'OO' model was first released in 2004 with a locomotive mounted 8-pin decoder socket. It has been upgraded since to have the decoder socket in the tender together with space for a 28mm round speaker. If you model in 'N' gauge Graham Farish recently released an all-new '8F' for the scale with an Next18 decoder socket and factory fitted speaker (HM162).

Most of the '8Fs' ran with Stanier 4,000gallon tenders, but a few were paired with earlier Fowler 3,500gallon tenders too – including our project model of 48045. With the Hornby model this has a slightly different interior layout to the larger 4,000gallon tender which sees the decoder socket moved to the front and a smaller set of weights. However, the same basic principles of sound installation can be applied to both tender types, although you will need to remove the tender weight from the 4,000gallon type in order to accommodate the 40mm x 20mm speaker shown here.

To further enhance this model, we added a Digitrains stay alive pack as well as firebox flicker using an LED and 1k ohm resistor. To complete the locomotive we also added a Modelu 3D printed locomotive crew and crushed coal in the tender making the locomotive ready for service. However, as you will have noticed, 48045 is looking altogether too clean for an in-service '8F' (unless it was literally fresh from Works) so we will be adding weathering to this model and you can watch how we did this at *www.keymodelworld.com*.

The following step by step guide shows how we installed Locoman Sounds' Doehler & Haass 8-pin sound decoder, stay alive and firebox flicker to this Hornby Stanier '8F' 2-8-0 for 'OO' gauge. Hm

● **A similar sound profile for the Stanier '8F' 2-8-0 is available for ZIMO decoders from *www.digitrains.co.uk*.**



INSTALLING SOUND IN THE HORNBY '8F' 2-8-0



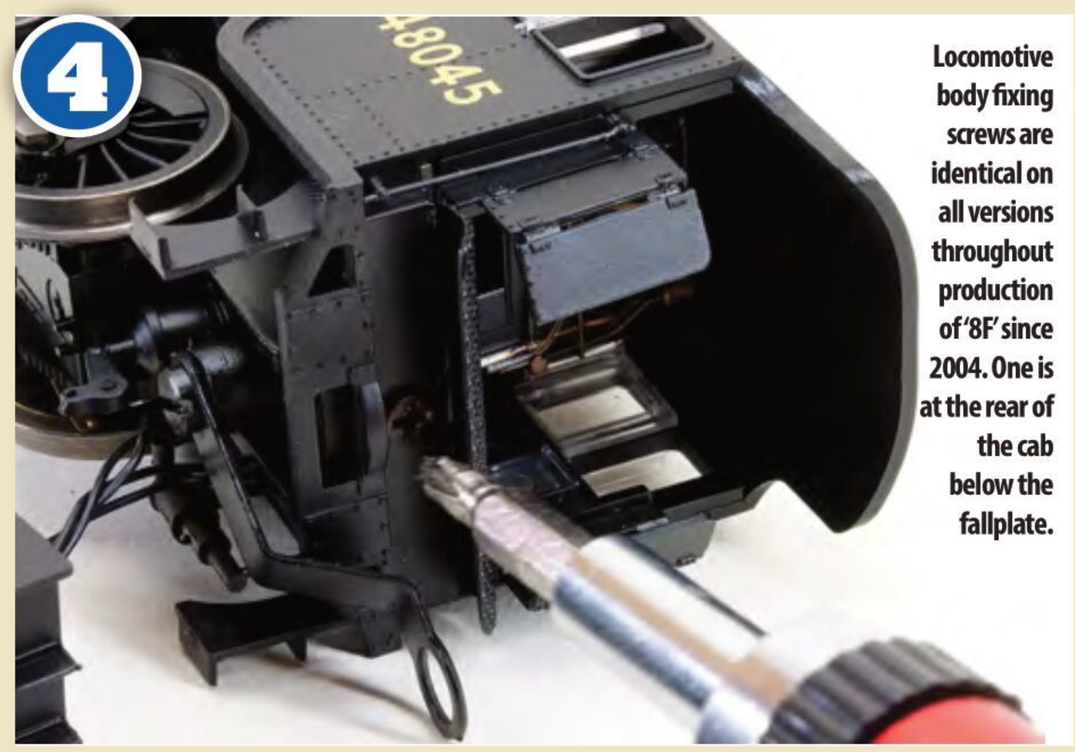
Hornby's Stanier '8F' has been on the scene since the early 2000s, but the most recent releases have been upgraded to host the 8-pin decoder socket and speaker space in the tender. Our project locomotive is 48045, which is the only Hornby '8F' so far to be paired with a Fowler 3,500gallon tender.



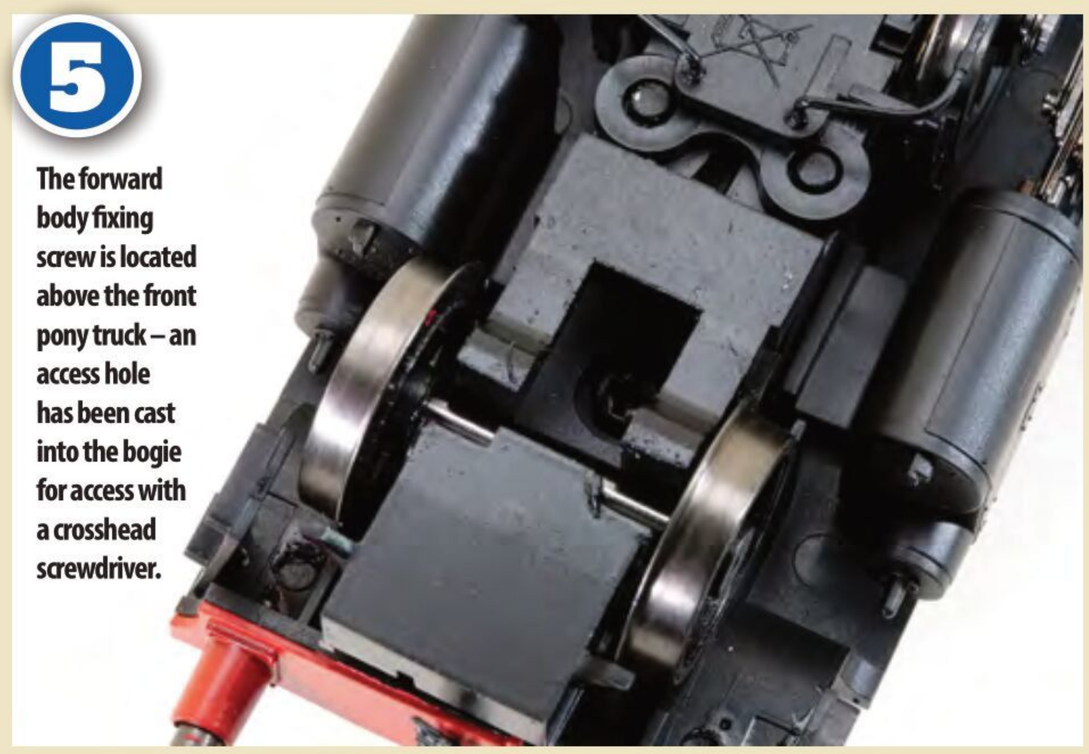
There are a couple of small differences between the tender types when it comes to DCC installation – principally the fixing point and the internal space. To release the tender body on this example, the drawbar fixing screw needs to be removed.



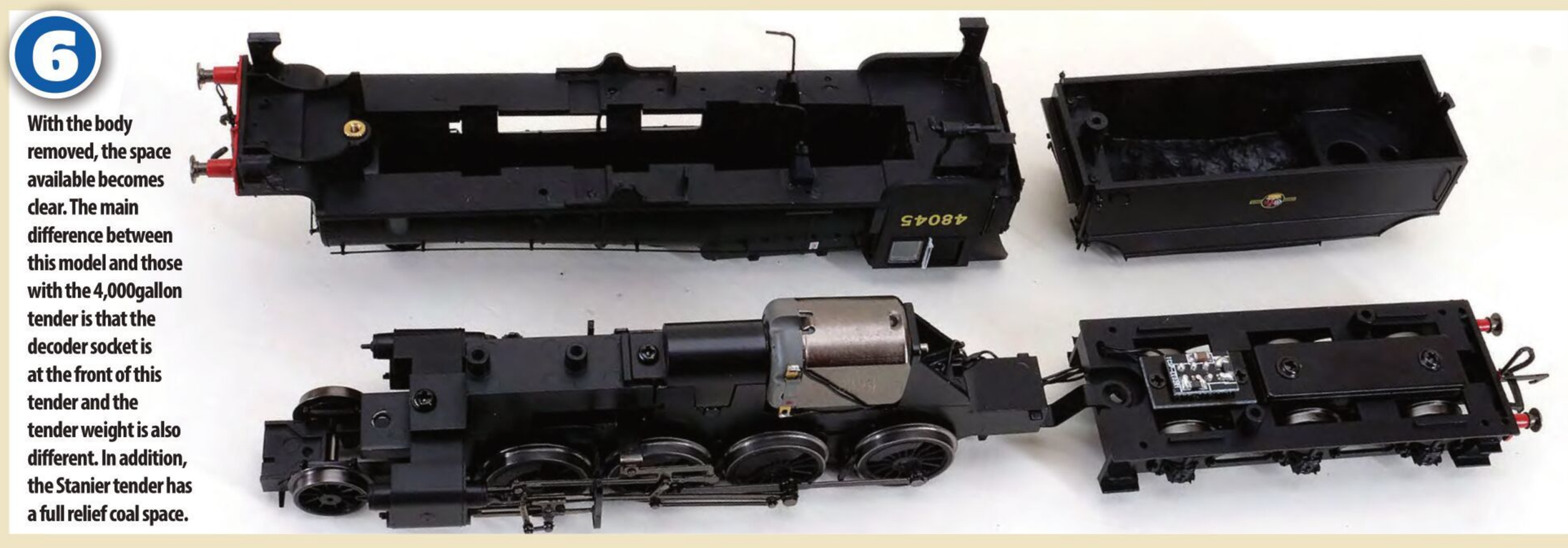
The tender body then lifts up from the front to release the rear lug – this fixing method is the same for the more common Stanier 4,000gallon tender.



Locomotive body fixing screws are identical on all versions throughout production of '8F' since 2004. One is at the rear of the cab below the fallplate.



The forward body fixing screw is located above the front pony truck – an access hole has been cast into the bogie for access with a crosshead screwdriver.



With the body removed, the space available becomes clear. The main difference between this model and those with the 4,000gallon tender is that the decoder socket is at the front of this tender and the tender weight is also different. In addition, the Stanier tender has a full relief coal space.

Intermediate
Beginner SKILL LEVEL Advanced



7 One simple modification was required to ensure adequate clearance for the speaker in the tender – removal of the weight fixing screws to create a level surface. We secured the weight in place with Deluxe Materials Roket Rapid superglue.



8 The Rail Exclusive 40mm x 20mm twin speaker was glued in place with the same adhesive on top of the metal weights. If you have a Stanier tender '8F', you will need to remove the cast weight in order to fit the same type of speaker.

TECHNICAL DETAILS

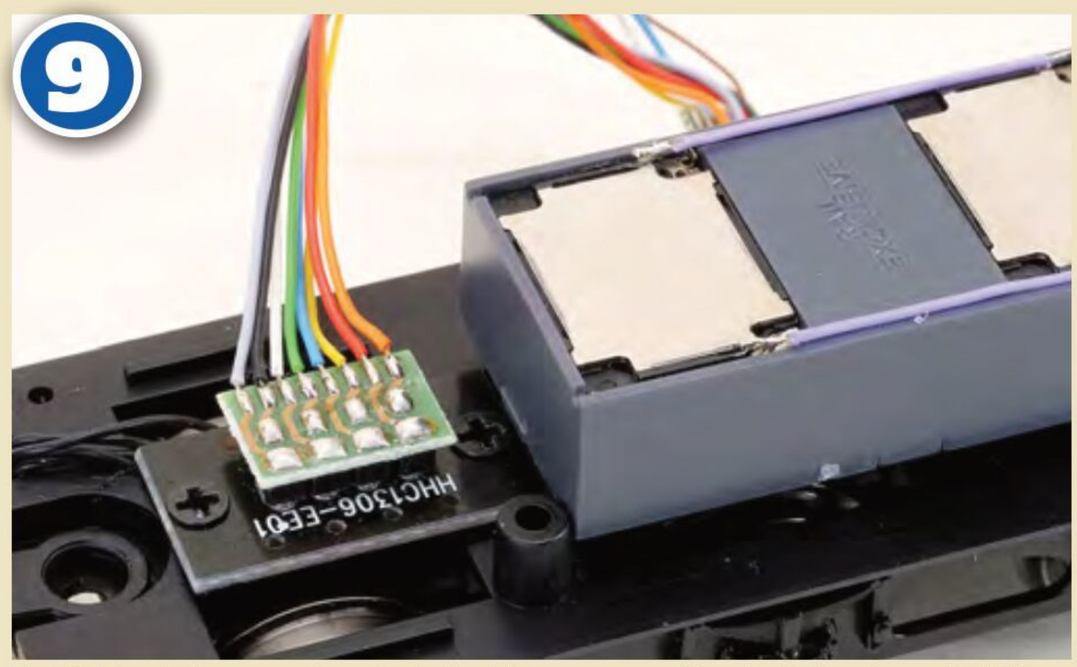
Manufacturer:	*www.hornby.com*
First released:	2004
Description:	Stanier '8F' 2-8-0
Gauge:	'OO', 16.5mm
Scale:	4mm:1ft
Length (over buffers):	258mm
Price:	£149.99
Era:	3-5 (5 as featured)
Couplings:	Small tension locks in NEM pockets
DCC:	8-pin decoder socket
Speaker space:	28mm round
Exterior lights:	None
Interior lights:	None
Motor type:	Five-pole
Flywheel:	One
BR power classification:	8F
Wheel arrangement:	2-8-0
Purpose:	Heavy freight
Haulage capacity (expected):	30+ wagons
Haulage capacity (actual):	45 wagons (maximum tested)

WHAT WE USED

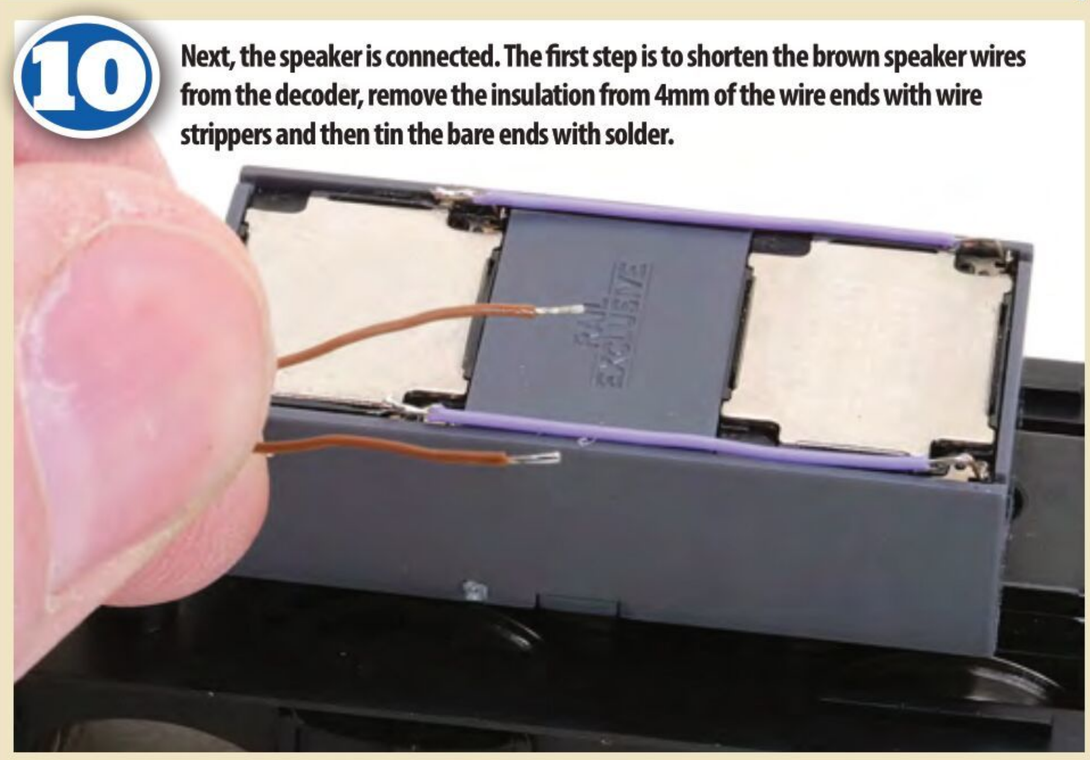
PRODUCT	SUPPLIER	CAT NO.
Doehler & Haass 8-pin sound decoder	*www.locomansounds.com*	SD16A
Rail Exclusive 40mm x 20mm twin speaker	*www.digitrains.co.uk*	SP40x20x10
20 second stay alive pack	*www.digitrains.co.uk*	860009
Orange 3mm LED	*www.rapidonline.com*	55-0095
Midland Loco Crew Pack	*www.modelu3d.co.uk*	1011-076

EXCLUSIVE ONLINE FEATURE!

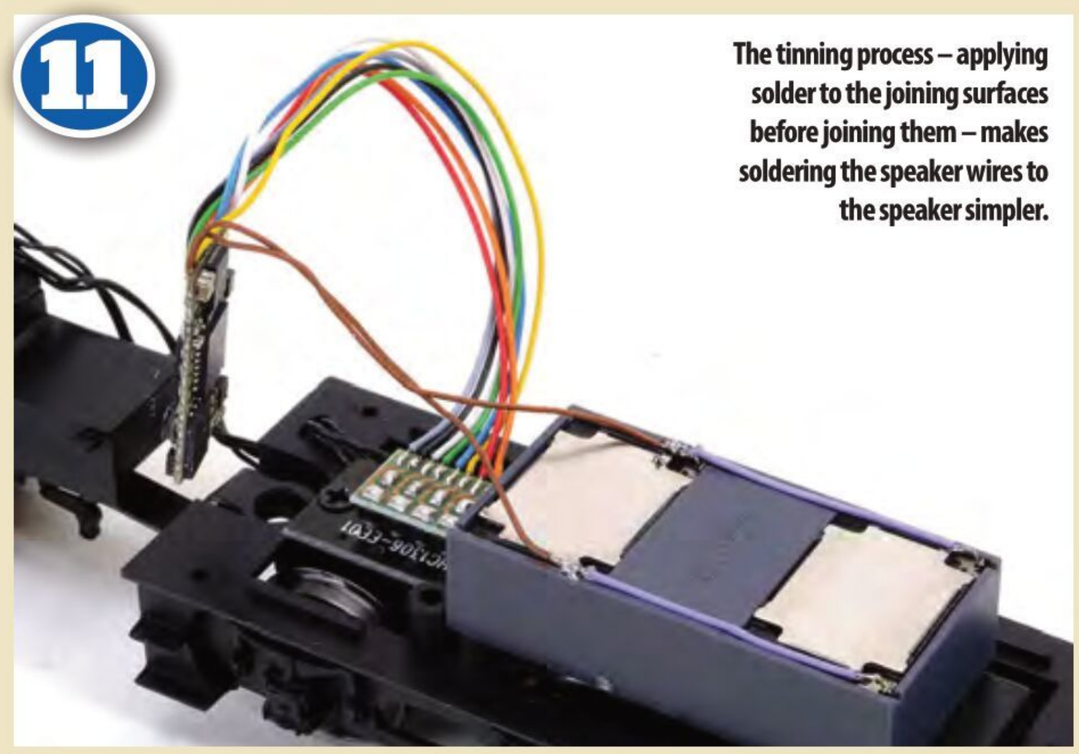
● Visit our website – *www.keymodelworld.com* - to see a weathering video tutorial featuring this Hornby Stanier '8F'.



9 The D&H decoder has a very clean plug design. We have connected it to the 8-pin socket on the '8F' by ensuring Pin 1 (connected to the orange wire) is aligned with Pin 1 on the locomotive socket.



10 Next, the speaker is connected. The first step is to shorten the brown speaker wires from the decoder, remove the insulation from 4mm of the wire ends with wire strippers and then tin the bare ends with solder.



11 The tinning process – applying solder to the joining surfaces before joining them – makes soldering the speaker wires to the speaker simpler.

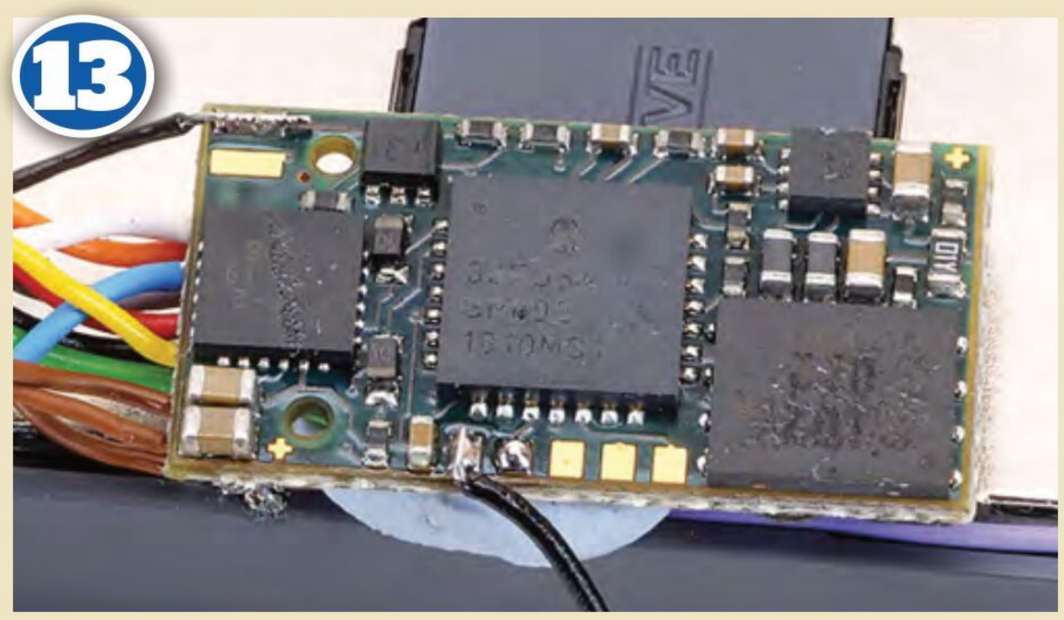


12 We are adding a 20 second stay alive pack from Digitrains to the '8F' for uninterrupted operation. The blue wire is positive and the black wire negative. We started by cutting the blue wire on the decoder harness from the socket and then soldering this to the blue wire from the stay alive pack. At the same time we added an extra lead (in black) to provide power to the firebox flicker LED.

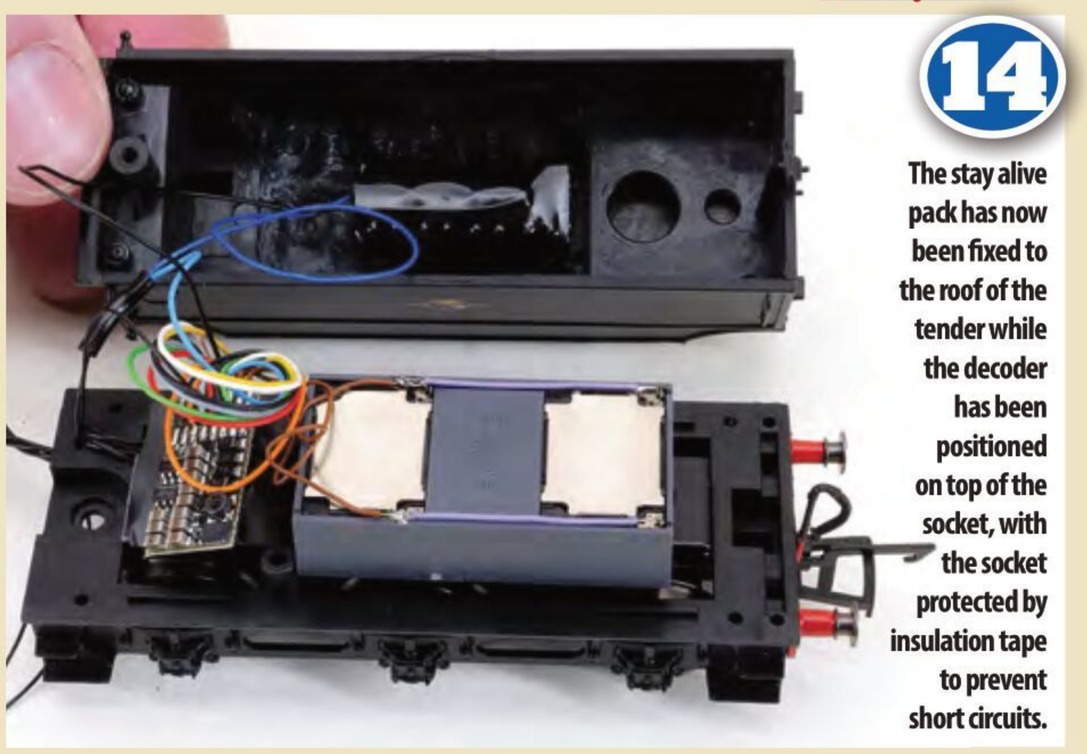
STEP BY STEP

INSTALLING SOUND IN THE HORNBY '8F' 2-8-0

Beginner — Intermediate — Advanced — SKILL LEVEL



13 To connect the negative side of the stay alive pack, its black wire goes to the GND connection on the back of the decoder (lower centre). In addition we added a negative connection for firebox flicker to the Aux 3 tab on the decoder (top left) to operate the firebox LED.

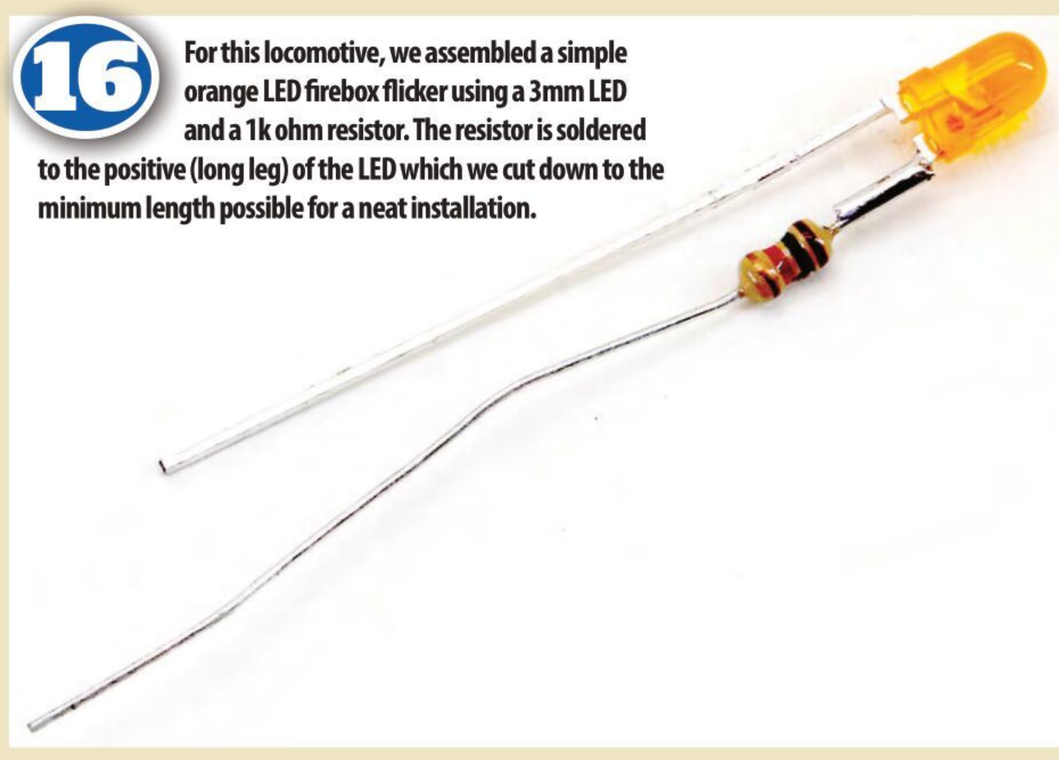


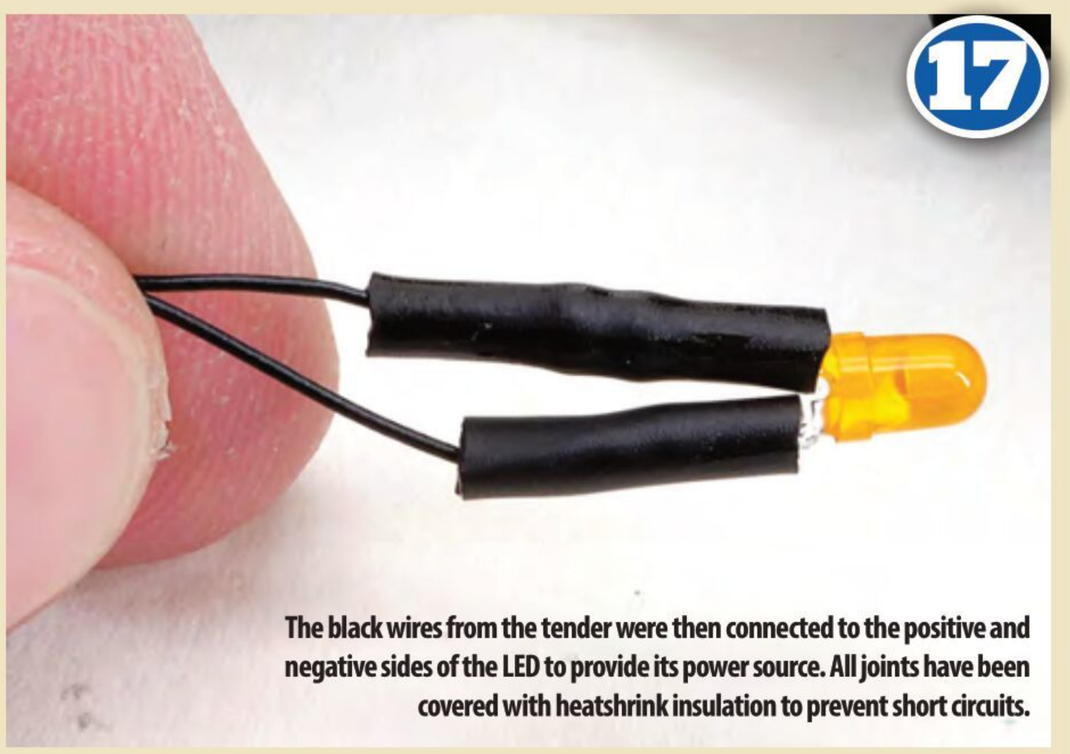
14 The stay alive pack has now been fixed to the roof of the tender while the decoder has been positioned on top of the socket, with the socket protected by insulation tape to prevent short circuits.

15 The body is refitted to the tender next, completing the work on this area of the model. To ensure we could still identify the positive and negative black wires for the firebox flicker, masking tape was added to the positive lead.



16 For this locomotive, we assembled a simple orange LED firebox flicker using a 3mm LED and a 1k ohm resistor. The resistor is soldered to the positive (long leg) of the LED which we cut down to the minimum length possible for a neat installation.





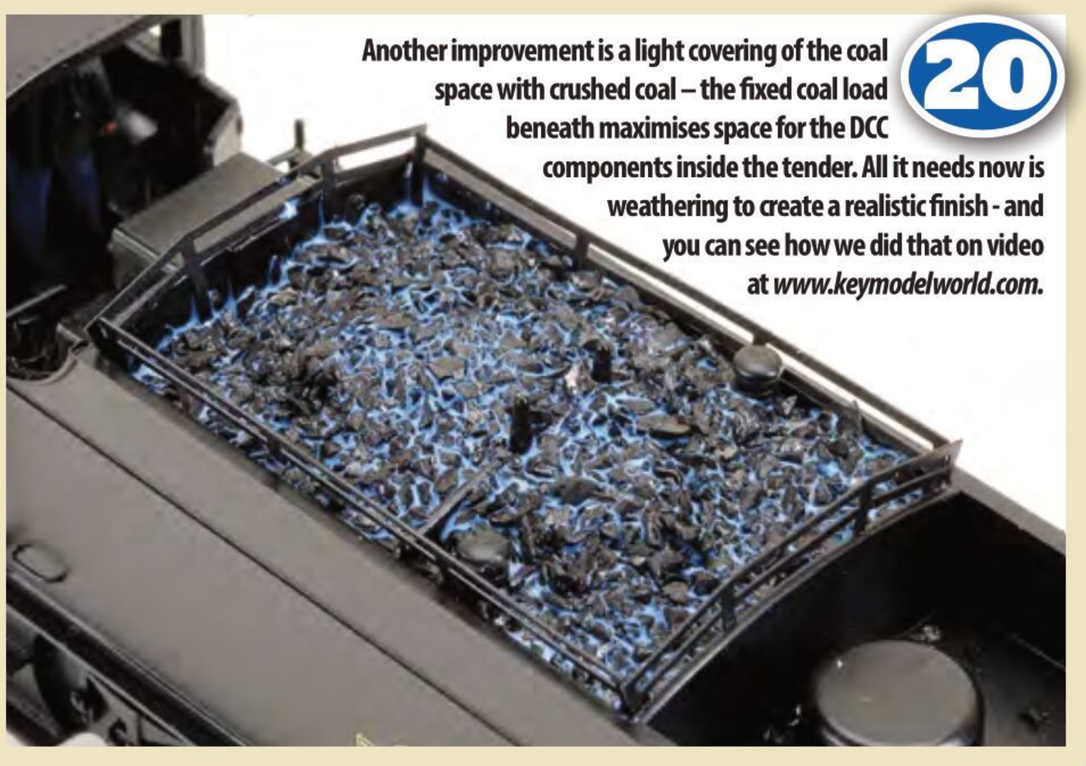
17 The black wires from the tender were then connected to the positive and negative sides of the LED to provide its power source. All joints have been covered with heatshrink insulation to prevent short circuits.



18 The LED was then positioned behind the firehole door (helpfully Hornby models this open on the '8F' so no drilling is required) and is held in place with Black Tack.



19 To enhance the '8Fs' cab further, a Modelu 3D printed crew from the Midland Loco Crew Pack (Cat No. 1011-076) were painted using Lifecolor acrylics and fixed to the footplate with Roket Rapid superglue.



20 Another improvement is a light covering of the coal space with crushed coal – the fixed coal load beneath maximises space for the DCC components inside the tender. All it needs now is weathering to create a realistic finish - and you can see how we did that on video at *www.keymodelworld.com.*



OVER 40 YEARS OF INNOVATION
Designed, manufactured and hand-tested in Vienna since 1979.

Thinking of going digital?
Need a reputable brand?
Considering DCC sound?
ZIMO has all the answers!

ZIMO

TOP QUALITY DOES NOT ALWAYS MEAN HIGH PRICES

ASK FOR THE BEST!

NOT ALL DECODERS ARE MADE EQUAL

Tempted by cheap decoders from brands you have never heard of? What about bulk deal chips from discount internet retailers? Or even those offered by the big model manufacturers? These may seem attractive initially but can end up being a false economy. Built-in obsolescence could leave you locked out of new features, software updates and, in the case of sound, the re-blowing of improved audio files.

There is an alternative. ZIMO - once the 'best kept secret' of a handful of experts - is Britain's fastest-growing DCC brand. We have specialised in digital control for over 40 years: We don't do locomotives. We don't do track. High-end European companies like Roco and Fleischmann who choose ZIMO can't be wrong. You will enjoy a three-year warranty and friendly support from knowledgeable retailers.

ZIMO's legendary 'silky-smooth' motor control system obtains optimum performance from every type of mechanism - in all scales - including the very latest trend for coreless designs. The full range of ZIMO sound, motor, function and accessory decoders is available from these trusted specialists, all four of which have extensive libraries of steam, diesel and electric locomotive sound projects waiting for you...

DIGITRAINS
www.digitrains.co.uk
01522 527731

YOUCHOOS
www.youchoos.co.uk
01380 530530

COASTAL DCC
www.coastaldcc.co.uk
01473 710946

MR. SOUNDGUY
www.mrsoundguy.co.uk
01983 531443

Paying over the odds for sound? It is time to think again!

£99

Premium ZIMO sound decoder* pre-loaded with a FREE British sound project

New loco? You no longer have to skimp on decoder choice.

£20

Quality ZIMO motor decoder* with back-EMF sampling and RailCom™



ASK FOR ZIMO BY NAME AND PURCHASE WITH CONFIDENCE FROM THESE RETAILERS

Peter's Spares
01642 909794

AGR Model Railway Store
01525 854788

Westhill Wagon Works
07391 216729

Frizinghall Model Railways
01274 747447

DCC Train Automation
01823 429309

Sunningwell Controls (SCC)
01865 730455

Mark's Trains
07515 436396

EDM Models (NG Trains)
01904 331973

*Prices exclude P&P; Sound offer: MX644/5/8/9/58/9/60 (only from retailers that offer sounds); Motor offer: MX600/617N&F/618/638; RailCom is a trademark of Lenz GmbH.

All genuine ZIMO products have blue-themed blister packaging and English instructions. RAIL EXCLUSIVE (Distributor) 01780 470086

Thanecroft JUNCTION

DAVID WHITE *set out to capture some of the magic and mystique of Ireland's railways in 4mm scale. His marvellous home-based layout is the result, and he describes some of the flavour of the Emerald Isle.*

PHOTOGRAPHY, MIKE BISSET

A 'J15' 0-6-0 heads a rake of CIE liveried coaches round the sharp curve into Thanecroft, passing a General Motors B141 Bo-Bo diesel from Murphy Models.

GAUGE	SCALE	SIZE	REGION	PERIOD	CONTROL
'OO', 16.5mm	4mm: 1ft	25ft x 13ft	Irish Railways	1950-2000	DCC, Digitrax

HOW DID MY INTEREST in railways begin? In the 1940s, I lived in Palmerston, west of Dublin. From my childhood home I could hear the sounds of trains making their way to many parts of Ireland – to the south, south west and west. Unfortunately, my home was not within viewing distance of the tracks. For the joy of actually seeing the trains I could visit my grandparents who lived within sight of the railway. At a very young age, my interest was awakened and my imagination fired.

My first experience of model railways came when, confined to bed with a childhood illness, my father brought home a circle of 'O' gauge track, a Hornby clockwork locomotive and a few coaches and wagons.



A Park Royal DMU from Silver Fox stands at Thanecroft station in its smart CIE black and orange colour scheme.

Many, many years later, my interest was rekindled when I purchased a Bachmann Irish model railway set. That little acorn was to grow into Thanecroft Junction.

In my mind, Thanecroft Junction is a railway that stays at home but travels to parts that others have yet to reach. Imagination is a wonderful faculty, and there is no doubt that a model railway can keep one's mind occupied for long periods.

My railway allows me to travel from the present to the past, invoking memories of my childhood, teenage years and adult life. It permits the recollection of sounds I heard in the 1940s, as well as those I hear today.

Why is the present relevant? Remember that as a child I could hear but not see the trains from my house. That is still the case today. Now living in Scotland, I can hear but not see the trains travelling along the Perth to Ladybank line on the border between Perthshire and Fife!

Thanecroft Junction is a layout which was never planned. It began life on a large windowsill, 9ft x 2ft, but like Topsy, it just grew and grew to one which now meanders around a 25ft x 13ft spare room in my home, and it now disappears behind a wardrobe too!

HOME AND AWAY

My railway modelling developed to the extent that I have also built an exhibition layout, Old Blarney, which readers may be familiar with from visiting exhibitions or from the pages of *Hornby Magazine*. Having an exhibition and a home layout gives me the best of both worlds. At exhibitions I can have the pleasure of prototypical running for the benefit of visitors, but at home, I can simply enjoy exercising my imagination by running whatever I please, whether it be modern or from the old days.

The majority of my rolling stock represents the railways of Ireland and includes ready-to-run models from Bachmann, OO Works, Murphy Models, Irish Railway Models, Silver Fox and Provincial Wagons. »

One of the ubiquitous 'J15' 0-6-0s heads towards Thanecroft while rural life continues outside the railway boundary. The model is by OO Works.



The cottage farm buildings are from Harburn Hamlet and create a picturesque scene alongside the railway.

Also featured are kit-built examples from Model Irish Railways, Provincial Wagons, Worsley Works and Studio Scale Models. Buses are by Jim Poots.

For this article, I decided to show the change-over period from steam to diesel, and so, none of my modern image rolling stock is featured.

Steam locomotives are represented by a LMS Northern Counties Committee 2-6-4T built for me by Colm Flannagan, and two members of the ubiquitous 'J15' 0-6-0s - not to be confused with the LNER's class of the same designation. Examples of both these classes are preserved by the Railway Preservation Society of Ireland. Also featured are 'T2' 4-4-2Ts from the Great Northern Railway which operated in Northern Ireland and Eire and 4-6-0Ts from the Cork, Bandon and South Coast Railway which used them for goods and passenger duties.





A Class 141 General Motors Bo-Bo diesel in CIE orange livery passes under a distinctive bridge which hosts the booking office of a wayside station.



Station scenes have been detailed with figures, fencing, road vehicles and more.



A GNR(I) 4-4-2T heads a mixed goods towards one of the junctions. In the background is one of the LMS/ NCC 2-6-4Ts at the head of a passenger working.

The railways of Ireland were at the forefront of diesel railcar development, especially the Great Northern Railway of Ireland which introduced Diesel Multiple Units (DMUs) to the Belfast to Dublin 'Enterprise' service in the early 1950s.

I am fortunate that my friend Steve Caird built me a Worsley Works etched brass kit of one of these DMUs, allowing this period of Irish railway history to be represented on Thanecroft Junction. Also featured are diesels ordered from Metropolitan Vickers of Duckenfield, Sulzer engined locomotives from Birmingham Railway and Carriage Works and the Class 121, delivered from America in 1962.

As well as the passenger services, Thanecroft Junction sees quite a variety of goods traffic. The transportation of cattle was big business for each of the railway companies and special 'Fair' trains were run from the largest and smallest towns »



A 'Fair Special' cattle train passes one of Thanecroft's numerous signalboxes, hauled by Cork, Bandon and South Coast Railway 4-6-0T 464.

where cattle fairs took place. These cattle shipping specials were not to be interrupted except for Customs checks at border points. The carrying of other agricultural products and fish reflects the days when these played their part in everyday life for many families. My own family were from these backgrounds so I have incorporated a small cottage farm and a fishing hut scene to remind me of my family history.

It may come as some surprise to learn of the great Isambard Kingdom Brunel's involvement in Irish railways, but he engineered the line around Bray Head on the Dublin to Rosslare route, along cliff shelves, through deep cuttings and tunnels. A magnificently scenic route, but troublesome to this day. Over the years, a number of deviations had to be created, and I have endeavoured to incorporate these into Thanecroft Junction.

SIGNATURE DETAILS

The main station building, made by Dawson Hall, is a model of Cultra station. The platforms are still in use, serving the Ulster Folk and Transport Museum. The buildings, however, are now private dwellings. For my purposes, I turned the station building around so the platform side now faces out to the car park and bus bays. This, I believe, has improved its visibility and adds to the overall ambience of a station cameo representing a little piece of Northern Ireland. Other buildings include two of the Irish range of stations from retailers in Ireland, Harburn Hamlet and Bachmann Scenecraft. The signalboxes painted in authentic railway company colours are hardly recognisable as Hornby Skaledale.

The Thanecroft Junction track is all Peco Code 100 and the layout is DCC operated using Digitrax controllers and handsets.

There are times when I have some regret at the layout not being able to be publicly exhibited, but I hope that this feature will allow readers to appreciate Thanecroft Junction and understand the nostalgic joy it brings to me. Ireland's railways were and are utterly unique with a magic all of their own, and I hope I have recaptured some of that in model form. Hm

Right: **This fishing hut recalls the simple life in Ireland from the 1960s.**

Below: **Thanecroft Junction station is a model of Cultra station, made by Dawson Hall. The building has been turned around so that the platform side faces out to the road.**



Kernow Model Rail Centre

CAMBORNE
98A Trelowarren Street, TR14 8AN

Visit **www.kernowmodelrailcentre.com** or call our team on **01209 714099**

UK P&P £4 PER ORDER / ORDERS OVER £200 POST FREE AT TIME OF DESPATCH

GUILDFORD
75B Stoke Road, GU1 4HT

LATEST ARRIVALS / OO GAUGE

ACCURASCALE OO

ACC2100BSC PTA JTA + JUA Bogie Tippler Wagon British Steel Grey/Orange Outer Pack.**£149.95**
ACC2103BSCB PTA JTA + JUA Bogie Tippler Wagon British Steel Blue Outer Pack.**£149.95**
ACC2106ARC1 PTA JTA + JUA Bogie Tippler Wagon ARC CAIB Mustard Outer Pack.**£149.95**
ACC2107ARC2 PTA JUA Bogie Tippler Wagon ARC CAIB Mustard Inner Pack.....**£149.95**
ACC2110YEO1 PTA JTA + JUA Bogie Tippler Wagon Yeoman Procor Grey/Ivory Outer Pack.**£149.95**
ACC2110YEO2 PTA JUA Bogie Tippler Wagon Yeoman Procor Grey/Ivory Inner Pack.**£149.95**
ACC2114VTG PTA JTA + JUA Bogie Tippler Wagon VTG Grey Outer Pack.....**£149.95**

BACHMANN OO

00642BE Thomas and Friends Thomas with Annie and Clarabel with moving eyes.**£109.95**
32-686NF Class 45/0 Diesel Locomotive No. 45 046 "Royal Fusilier" BR Blue.....**£159.95**
32-686NFSF Class 45/0 Diesel No. 45 046 "Royal Fusilier" BR Blue. DCC Sound.**£249.95**



32-687TL Class 45/0 Diesel 45 049 "The Staffordshire Regiment (Prince of Wales')" BR Blue.**£159.95**
32-687TLSF Class 45/0 "The Staffordshire Regiment (Prince of Wales')". DCC Sound.**£249.95**



32-900C Class 108 2-Car DMU BR Green with Speed Whiskers.....**£203.99**
39-276A BR Mk1 GUV General Utility Van BR InterCity Motorail.....**£46.95**

CORGI OO

CC40801A Centenary Bristol Lodekka Bus Destination Liverpool No. 30.....**£38.99**

EFE RAIL OO



E84005 Class 58 Diesel No. 58 011 BR Railfreight Red Stripe, weathered.....**£157.95**



E84006 Class 58 Diesel No. 58 018 "High Marnham Power Station" BR Railfreight.**£148.95**



E84007 Class 58 Diesel No. 58 021 "Hither Green Depot" Mainline Blue.....**£148.95**



E84008 Class 58 Diesel No. 58 039 EWS, weathered.....**£157.95**

HORNBY OO

R3640 Peckett 0-4-0ST Steam Locomotive No. 882 William & Robinson.....**£89.99**



R3824 Centenary Year Limited Edition 2000 Clan Line Gold Plated.....**£202.49**



R3825 Centenary Year Limited Edition 2016 Peckett 614.....**£98.99**

R3865 BR Std 7MT Britannia Class 4-6-2 Steam Loco 70013 'Olliver Cromwell' BR.**£179.99**



R3888 Class 56 Co-Co Diesel Locomotive No. 659 002 (ex-56 115) Floyd Zrt.....**£153.89**
R3903 ScotRail Class HST Train Pack w/Power Cars 43021 & 43132 A New Era....**£260.99**



R3910 Railroad Class 73 Bo-Bo Electro-Diesel Loco No. 73 964 "Jeanette" GBRf....**£62.99**
R3944 Class 43 HST Intercity Train Pack w/Power Cars 43123 & 43065 City of Edinburgh.**£260.99**
R4971 Mk1 RB Coach No. W1739 BR Maroon.....**£31.49**
R4971A Mk1 RB Coach No. W1743 BR Maroon.....**£31.49**
R4972 Mk1 RB Coach No. S1765 BR(S) Green.....**£31.49**
R4972A Mk1 RB Coach No. S1757 BR(S) Green.....**£31.49**
R4973 Mk1 RB Coach No. M1712 BR Blue & Grey.....**£31.49**
R4973A Mk1 RB Coach No. M1657 BR Blue & Grey.....**£31.49**
R4974 Mk1 RB Coach No. IC1667 Intercity.....**£31.49**
R4974A Mk1 RB Coach No. IC1653 Intercity.....**£31.49**

HORNBY SKALEDALE OO

R7282 GWR Goods Shed.....**£44.99**
R7283 GWR Engine Shed.....**£38.99**
R7285 Platform Straight x 2.....**£17.99**
R7286 Platform Ramp x 2.....**£14.99**
R7287 Platform Island x 2.....**£22.49**
R7290 Bungalow Avalon.....**£34.99**

MURPHY MODELS OO

MM0124 Class 121 Diesel Locomotive No. 124 Iarnród Éireann.....**£159.99**



MM0126 Class 121 Diesel Locomotive No. 126 CIE 'Supertrain'.....**£159.99**
MM0129 Class 121 Diesel Locomotive No. 129 Iarnród Éireann.....**£159.99**
MM0132 Class 121 Diesel Locomotive No. 132 CIE 'Supertrain'.....**£159.99**
MM0134 Class 121 Diesel Locomotive No. 134 Iarnród Éireann.....**£159.99**

OXFORD RAIL OO

OR76TK2005 12 Ton Tank Wagon No. 31 Fisons.....**£19.95**

FREE POSTAGE ON ORDERS OVER £200* // ORDER SENT SAME WORKING DAY // LOYALTY POINTS RECEIVED ON ALL PURCHASES WITH US**

LATEST ARRIVALS / N GAUGE

DAPOL N



2P-014-001 Maunsell High Window 4 Coach Set No. 193 SR Lined Olive Green.....**£106.95**



2P-014-010 Maunsell High Window 6 Coach Set No. 456 SR Lined Olive Green.....**£158.95**

GAUGEMASTER N

GM2420102 BR Railfreight Track Cleaning Wagon.....**£32.95**

GRAHAM FARISH N

371-111A Class 31 Diesel Loco No. D5616 BR Green with small yellow panel.....**£127.95**



371-111ASF Class 31 Diesel D5616 BR Green w/small yellow panel. DCC Sound..**£225.95**
371-112A Class 31 Diesel Locomotive No. 31 131 BR Blue.....**£127.95**



371-112ASF Class 31 Diesel Locomotive No. 31 131 BR Blue. DCC Sound.....**£225.95**
371-113 Class 31 Diesel Locomotive No. 97 204 BR RTC Grey & Red.....**£127.95**



371-113SF Class 31/1 Diesel Locomotive No. 97 204 BR RTC. DCC Sound.....**£225.95**

371-135 Class 31/1 Refurbished Diesel Loco No. 31 154 BR Original Railfreight.....**£127.95**



371-135SF Class 31/1 Refurbished No. 31 154 BR Original Railfreight. DCC Sound.**£225.95**
371-136 Class 31/1 Refurbished Diesel Locomotive 31 319 Railfreight Petroleum.**£127.95**
371-136SF Class 31/1 Refurbished Diesel 31 319 Railfreight Petroleum. DCC Sound.**£225.95**
371-137 Class 31/6 Refurbished Diesel Locomotive No. 31 602 Network Rail.....**£127.95**



371-137SF Class 31/6 Refurbished Diesel Loco 31 602 Network Rail. DCC Sound.**£225.95**
372-163DS LMS Stanier Class 8F Steam Loco No. 48773 BR Black L/C. DCC Sound.**£239.95**
374-130C BR Mk1 GUV General Utility Van BR Maroon.....**£35.95**
374-137 BR Mk1 GUV General Utility Van BR Blue & Grey (Motorail).....**£39.95**
374-138 BR Mk1 GUV General Utility Van BR InterCity (Motorail).....**£35.95**
374-139 BR Mk1 GUV General Utility Van Royal Mail Letters.....**£35.95**

KATO N

GM2260101 Eurostar e300 12 Car Powered Pack.....**£254.99**
GM2260102 Eurostar e300 16 Car Powered Pack.....**£322.99**

CHECK OUR WEBSITE FOR INFORMATION ON BOTH OUR CAMBORNE & GUILDFORD SHOPS

We do a DECODER FITTING SERVICE for OO & N Gauge DCC Ready Locomotives...£9.99. If you have other locos you are interested in having fitted with a decoder or sound 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

BARGAIN BUNDLES

31-676APACK Bachmann Class 85 Electric Loco E3057 + 37-238Z.....£179.99
K9611 Bachmann NSE Mk1 Coach Pack.....£74.99
K9967 Virgin Cross Country Police Pack.....£234.99
K9968 Midland Counties Ballast Pack.....£164.99
K9972 Mainline Freight Ballast Pack.....£199.99
K9976A Bachmann Regional Train Pack.....£239.99
K9998A Bachmann Scenecraft China Clay Dries Pack with FREE Landrover.....£99.99
K3920PACK Hornby Class 66 Diesel Locomotive 66 434 + R8121TTS.....£84.99
K3951PACK Hornby Class 66 Diesel Locomotive 66 780 + R8121TTS.....£84.99

BACHMANN

30-425 Midland Pullman Train Pack.....£499.99
31-041 Class 450 4 Car Desiro EMU Set No. 450 127 South West Trains, weathered.£269.95
31-170 L&YR 2-4-2 Steam Tank No. 50764 BR Black.....£79.99
31-190 Jubilee Steam Loco No. 45575 'Madras' BR Black BRITISH RAILWAYS.....£118.99
31-318A Robinson Class J11 (GCR 9) Steam Loco No. 5954 LNER Black.....£104.99
31-380 Class 416 2-EPB 2 Car EMU Set No. 6262 BR Blue & Grey NSE branding.£126.99
31-426C Class 411 4-CEP 4 Car EMU No. 7122 BR SR Green.....£349.99
31-664 Class 47/0 Diesel Locomotive No. 47 050 BR Railfreight, weathered.....£139.99
31-691 LMS Stanier Mogul Steam Locomotive No. 42969 BR Lined Black E/E.....£109.99
31-692 LMS Stanier Mogul Steam Locomotive No. 42968 BR Lined Black L/C.....£96.99
32-165 Southern N Class Steam Locomotive No. 31874 BR Lined Black E/E.....£114.99
32-166 Southern N Class Steam No. 1406 SR Black Bulleid Sunshine lettering.....£109.99
32-178A LMS Crab Steam Locomotive No. 13174 LMS Lined Black.....£81.99
32-281 K3 Class Steam Locomotive No. 61862 BR Lined Black E/E.....£88.99
32-560 Class A1 Steam Locomotive No. 60117 BRITISH RAILWAYS Apple Green..£114.95
32-575A Ivatt Class 4MT Steam Locomotive No. 3000 LMS Black.....£82.99
32-738 Class 66 Diesel Locomotive No. 66 711 'Sence' GBRf Aggregates.....£99.99
32-753DS Class 57/0 Diesel No. 57 007 'Freightliner Bond' Freightliner. Sound....£189.99
32-830A Ivatt Class 2MT 2-6-0 Steam Locomotive No. 6418 LMS Plain Black.....£99.99
32-992 Wickham Type 27 Trolley Car BR Engineers Yellow.....£45.95
33-831 25 Ton Queen Mary Brake Van SatLink, weathered.....£17.99



33-832 25 Ton Queen Mary Brake Van YTX No. KDS 56305 EWS.....£19.99
34-328A 50ft Ex LMS Pill Parcels Van No. M31253 BR Blue, weathered.....£19.99
34-630B BR Mk1 Suburban Second Brake Coach No. M43301 BR Lined Maroon.....£24.99
35-050 LNWR Webb Coal Tank 0-6-2 Steam Locomotive No. 1054 LNWR Black.....£84.99



35-051 LNWR Webb Coal Tank 0-6-2 Steam Locomotive No. 7841 LMS Black.....£84.99



35-079 Class E4 0-6-2 Steam Locomotive No. 32494 BR Lined Black E/E.....£84.99
37-097 Coal Trader Pack. 3 x 5 Plank Wagons, weathered.....£37.95
37-114 7 Plank Fixed End Wagon Baldwin, weathered.....£12.95
37-115 7 Plank Fixed End Wagon I.C.I. Chance & Hunt Ltd.....£11.95
37-185A 7 Plank Wagon No. P156917 w/Coke Rails (BR) Cory, weathered.....£14.95
37-529B 20 Ton Brake Van No. 182897 LNER Oxide, weathered.....£18.95
37-535C 20 Ton Brake Van CAR No. B955016 BR Railfreight.....£17.95
37-552C 46T POA Mineral Wagon TRL 5320 'ARC TIGER', weathered.....£15.95
38-105 Triple Pack 34 Ton PNA Wagons Railtrack 5 Rib, weathered.....£41.99
38-243 MBA Megabox Bogie Box Wagon No. 500006 EWS, weathered.....£30.95
38-245A MOA Low-Sided Bogie Box Wagon No. 500336 EWS, weathered.....£36.95
38-329A 13 Ton High Sided Steel Wagon 278985 LNER Grey "Not to work off LNE system".£16.95
38-400A SR 25 Ton Pill Box Brake Van No. 56462 SR Brown.....£18.95
38-404A SR 25 Ton Pill Box Brake Van ZTO No. DS56471 BR, weathered.....£18.95
38-550A Midland 20T Brake Van BR Grey (with Duckets).....£17.95
38-553A Midland 20 Ton Brake Van No. 134900 LMS Bauxite without Duckets.....£17.95
38-554 Midland 20 Ton Brake Van No. M623 Midland Railway Grey.....£17.95
38-603 21 Ton Grain Hopper No. 23 Bass Charrington.....£16.95
38-990 20 Ton Brake Van & SR Pill Box Twin Pack NSE.....£36.95
39-002 Twin Pack BR Mk2A BFK HST Barrier Vehicles BR Blue.....£54.99
39-003 MK1 Coach Pack - BR Blue & Grey NSE, weathered.....£69.99
39-004 MK1 Coach Pack - BR Blue & Grey ScotRail, weathered.....£69.99
39-005 Highlander Coach Pack.....£97.99
39-025E BR Mk1 SK Second Corridor Coach No. M25704 BR Blue & Grey.....£27.99
39-082B BR Mk1 BSK Brake Second Corridor Coach No. 35329 Network SouthEast.£27.95
39-125C BR Mk1 CK Composite Corridor Coach No. M16153 BR Blue & Grey.....£27.95
39-126C BR Mk1 CK Composite Corridor Coach No. M15916 BR Maroon.....£27.99
39-127B BR Mk1 CK Composite Corridor Coach No. E15055 BR Crimson & Cream.£27.99
39-152B BR Mk1 FK First Corridor Coach No. E13113 BR Crimson & Cream.....£27.99
39-176D BR Mk1 BG Full Brake Coach No. E80533 BR Maroon.....£27.95
39-177C BR Mk1 BG Full Brake Coach No. M80565 BR Crimson & Cream.....£27.95
39-187 BR Mk1 BG Full Brake Coach NCV No. 95310 BR Blue.....£27.99
39-188 BR Mk1 BG Full Brake Coach No. 92354 Network SouthEast.....£27.99
39-225A BR Mk1 BCK Brake Composite Corridor Coach No. E21222 BR Blue & Grey.£27.99
39-242 BR Mk1 FO First Open Coach No. M3002 BR Blue & Grey.....£27.99
39-250A BR Mk1 RFO Restaurant Car No. M5 BR Blue & Grey.....£27.99
39-265 BR Mk1 RMB Miniature Buffet Car No. M1865 NSE.....£28.99
39-274 BR Mk1 GUV No. E93326 BR Blue & Grey InterCity Motorail.....£27.99
39-310C BR Mk1 SP Pullman Second Parlour Coach No. 350 Umber & Cream.....£37.99
39-312 BR Mk1 SP Pullman Second Parlour Coach No. E352E BR Blue & Grey.....£36.99
39-410A BR Mk2a BFK Brake First Corridor Coach No. W17069 BR Blue & Grey.....£28.99
39-412A BR Mk2a BFK Brake First Corridor Coach No. 17097 Network SouthEast...£27.99
39-502A BR Mk1 SLSTP Second Class Sleeper Car No. E2591 BR Maroon.....£28.99
39-503A BR Mk1 SLSTP Second Class Sleeper Car No. E2681 BR Blue & Grey.....£28.99
39-528A Ex-Southern CCT Covered Carriage Truck No. S1751 BR Blue, weathered..£26.99
39-529 Ex-Southern CCT Covered Carriage Truck No. ABD975276 BR.....£23.99
39-578 BR Auto Trailer No. W234 BR Crimson & Cream.....£49.99
39-579 BR Auto Trailer No. W236W BR Unlined Maroon.....£49.99

HELJAN

4780 47xx Class Steam Locomotive No. 4704 GWR Green.....£139.99



4781 47xx Class Steam Locomotive No. 4705 GWR Green.....£129.99

HORNBY

R3373 Class 71 Electric Locomotive No. E5001 BR Green with small yellow panel.£109.99
R3376 Class 71 Electric Locomotive No. E5022 BR Green with no yellow ends.....£109.99
R3397 LMS Suburban Passenger Train Pack - Limited Edition.....£99.99
R3398 Lyme Regis Branch Line Train Pack - Limited Edition.....£129.99
R3406 J50 Class 0-6-0T Steam Locomotive No. 14 Departmental BR Black L/C.....£62.99
R3407 J50 Class 0-6-0T Steam Locomotive No. 68959 BR Black E/E.....£62.99
R3408 4-6-0 6000 King Class Steam Locomotive No. 6016 "King Edward V" GWR.£114.99
R3409 4-6-0 6000 King Class Steam Locomotive No. 6002 "King William IV" BR L/C.£114.99
R3411 Maunsell S15 Class Steam Locomotive No. 827 Southern Black.....£89.99
R3412 Maunsell S15 Class Steam Locomotive No. 30842 BR Black E/E.....£79.99
R3413 Maunsell S15 Class Steam Locomotive No. 30831 BR Black L/C.....£79.99
R3415 J15 Class Steam Locomotive No. 65477 BR Black E/E.....£71.99
R3416 J15 Class Steam Locomotive No. 65464 BR Black.....£71.99
R3417 K1 Class Steam Locomotive No. 62065 BR Black.....£89.99
R3418 K1 Class Steam Locomotive No. 62006 BR Black.....£94.99
R3423 Adams Radial 415 Class Steam Locomotive No. 30583 BR Black L/C.....£66.99
R3448 B17 Class Steam Locomotive No. 61619 "Welbeck Abbey" BR E/E.....£99.99
R3455 GWR Star Class Steam Loco No. 4013 "Knight of St Patrick" GWR Green..£89.99
R3461 Thompson L1 Class Steam Locomotive No. 67702 LNER Green.....£99.99
R3462 42xx Class Steam Locomotive No.4287 BR Black E/E.....£89.99
R3463 52xx Class Steam Locomotive No. 5241 BR Black E/E.....£89.99
R3521 D16/3 Class Steam Locomotive No. 8802 LNER Black.....£83.99
R3523 B17 Class Steam Locomotive No. 61665 "Leicester City" BR Green E/E.....£95.99
R3565 8F Class Steam Locomotive No. 8035 LMS Black.....£89.99
R3568 Class 71 Electric Locomotive No. E5018 BR Green.....£99.99
R3619 Castle Class Steam Locomotive No. 5013 'Abergavenny Castle' BR Green.£119.99
R3660 Class 56 Diesel Locomotive No. 56 303 DCR Green.....£99.99
R3666 Railroad Class 59 Diesel Loco 59 004 'Paul A. Hammond' Yeoman Aggregates.£51.99
R3768X Terrier 0-6-0T Steam Locomotive No. 32636 BR Black L/C.....£89.99
R4677B LMS Non-Corridor 57ft Third Class Brake Coach No. 20754.....£24.50
R4677C LMS Non-Corridor 57ft Third Class Brake Coach No. 20755.....£24.50
R4689 LMS Non-Corridor 57ft Composite Coach No. M16574.....£27.99
R4690 LMS Non-Corridor 57ft Third Class Coach No. M11912M.....£27.99
R4691 ex LMS Non-Corridor 57ft Third Class Brake Coach No. M20787M BR.....£24.50
R4691A ex LMS Non-Corridor 57ft Third Class Brake Coach No. M20788M BR.....£24.50
R4927 Sovereign BR Midland Suburban Coach Pack.....£99.96
R6744 4 Plank Wagon No. 35 North Bitchburn Coal Co. Ltd - Darlington.....£9.99
R6802 SR Brake Van No. 55891 SR Brown.....£14.99

KMRC MODELS

31-650L Class 47 Diesel Locomotive No. D1670 "Mammoth" BR Two Tone Green...£129.99
31-650LDC Class 47 Diesel Locomotive No. D1670 "Mammoth". DCC Fitted.....£149.99
31-650LDS Class 47 Diesel Locomotive No. D1670 "Mammoth". Sound Fitted.....£229.99



31-650Q Class 47 Diesel Locomotive No. 47 829 Police.....£129.99
31-650QDC Class 47 Diesel Locomotive No. 47 829 Police. DCC Fitted.....£149.99
31-650QDS Class 47 Diesel Locomotive No. 47 829 Police. Sound Fitted.....£229.99
31-651Z Class 47 Diesel Locomotive No. 47 973 "Midland Counties".....£129.99
31-651ZDC Class 47 Diesel Loco No. 47 973 "Midland Counties". DCC Fitted.....£149.99
31-651ZDS Class 47 Diesel Loco No. 47 973 "Midland Counties". Sound Fitted.....£229.99
31-653Z Class 47 Diesel Locomotive No. 47 706 ScotRail NSE branding, weathered.£135.99
31-653ZDC Class 47 Diesel No. 47 706 ScotRail NSE, weathered. DCC Fitted.....£152.99
31-653ZDS Class 47 Diesel No. 47 706 ScotRail NSE, weathered. Sound Fitted....£219.99
32-066Z Class 43 Warship No. D845 "Sprightly" BR Green.....£139.99
32-066ZDC Class 43 Warship No. D845 "Sprightly" BR Green. DCC Fitted.....£156.99
32-135X Class 4575 Prairie No. 5541 BR Green, weathered.....£99.99
32-727W Class 66 Diesel Locomotive No. 66 709 "Sorrento" GBRf.....£127.95
32-727WDC Class 66 "Sorrento" GBRf. DCC Fitted.....£143.95
32-727WDS Class 66 "Sorrento" GBRf. DCC Sound Fitted.....£209.99
32-762Z Class 57 No. 57 305 Network Rail known as 'Sand Castle'.....£134.95
32-762ZDC Class 57 No. 57 305 Network Rail known as 'Sand Castle'. DCC Fitted.£149.95
32-762ZDS Class 57 No. 57 305 Network Rail known as 'Sand Castle'. Sound Fitted.£214.99
32-780U Class 37 Diesel Locomotive No. 37 261 DRS.....£119.99
32-780UDC Class 37 Diesel Locomotive No. 37 261 DRS. DCC Fitted.....£139.99
32-780UDS Class 37 Diesel Locomotive No. 37 261 DRS. DCC Sound Fitted.....£219.99
38-131Z 40 Ton Seacow YGB Bogie Hopper Wagon Departmental Dutch, weathered.£45.95
38-132Z 40 Ton Seacow YGB Bogie Hopper Wagon EWS, weathered.....£45.95
39-273Z BR Mk1 GUV Coach S86804 BR (SR) Green.....£39.99
K2104 0-4-4T Class O2 No 30225 BR Black L/C.....£99.99
K2106 0-4-4T Class O2 No 30193 BR Black E/E.....£99.99
K2201 0-6-0 1361 Steam Locomotive No. 1361 BR Black L/C.....£69.99
K2201A 0-6-0 1361 Steam Locomotive No. 1361 Photographic Grey.....£69.99
K2202 0-6-0 1361 Steam Locomotive No. 1362 BR Black E/E.....£69.99
K2203 0-6-0 1361 Steam Locomotive No. 1363 GWR Green w/Shirtbutton emblem..£69.99
K2204 0-6-0 1361 Steam Locomotive No. 1364 GWR Green with GWR lettering.....£69.99
K2205 0-6-0 1361 No. 1365 BR Black L/C, weathered.....£69.99
SB005Z SPA Open Wagon EWS Bulk Pack of 4.....£79.99

N GAUGE

BARGAIN BUNDLE



K9983B N Gauge Clay Wagon Bargain Pack.....£59.99

GRAHAM FARISH

370-430 Capital Connection Train Pack.....£161.95
371-651A Class 57/0 Diesel Loco 57 008 "Freightliner Explorer", weathered.£102.99
373-362A BR Mk1 Horse Box No. S96413 BR (SR) Green.....£17.99
374-042 BR Mk1 BG Full Brake Coach NEX No. 92002 Intercity.....£20.99
374-135 BR Mk1 GUV QRV No. KDB977557 Satlink.....£26.99
374-167 BR Mk1 FK First Corridor Coach No. 13225 Regional Railways.....£26.99
374-191 BR Mk1 BSK Brake Second Corridor Coach QVA No. ADB977109 BR...£28.99
374-192 BR Mk1 BSK Brake Second Corridor Coach No. M35451 Intercity.....£20.99
374-193 BR Mk1 BSK Brake Second Corridor Coach 35464 Network SouthEast.£26.99
374-194 BR Mk1 BSK Brake Second Corridor Coach 35452 Regional Railways.£26.99
374-415 Southern PMV Passenger Luggage Van No. S1068S BR Crimson.....£16.95



374-417 Southern PMV Passenger Luggage Van No. S1733 BR Blue.....£16.95
374-610 BR Auto Trailer No. W234 BR Crimson.....£26.99
374-611 BR Auto Trailer No. W238W BR Maroon.....£26.99
374-612 BR Auto Trailer No. W237W BR Crimson.....£26.99
374-640 BR MK 1 CCT NOV Coach No. M94739.....£16.95
374-643 BR MK 1 CCT Coach QQX No. ADB 977076 BR Re-Railing Yellow.....£16.95
374-830C Stanier Brake Corridor First Coach No. 5057 LMS Crimson Lake.....£20.95
374-831C Stanier Brake Corridor First Coach No. M5056M BR Crimson & Cream.£20.95
374-846C Stanier Corridor First Coach No. M1081M BR Crimson & Cream.....£20.95
374-847A Stanier Corridor First Coach No. M1053M BR Maroon.....£20.99
374-875 LMS 50ft Inspection Saloon No. 45028 LMS Lined Crimson Lake.....£25.95



374-876 LMS 50ft Inspection Saloon No. M45029M BR Maroon.....£25.95
374-902A BR Mk1 Travelling Post Office Coach No. M1053M BR Blue & Grey.....£29.95
374-990 Mk1 Coach Pack 'Works Test Train' BR Blue & Grey, weathered.....£39.95
377-031 5 Plank Wagon with Steel Floor No. 3162 ICI Lime with Load.....£12.99
377-032 5 Plank Wagon No. 45 Helwith Bridge Road Stone Quarry with Load.....£12.99
377-059 5 Plank Wagon No. 91 Salt Union Ltd Stoke Works.....£10.50
377-060 5 Plank Wagon No. 1 A. E. Moody Coal Merchant Sharpness.....£10.50
377-062 5 Plank Wagon No. 132701 NE Grey with Load.....£12.99
377-089 7 Plank Fixed End Wagon No. 18166 SR Brown.....£9.95
377-090 7 Plank Wagon End Door No. 127916 NE Grey.....£9.95
377-206A 8 Plank Wagon No. P192891 'Suncole', weathered.....£15.99
377-379 20 Ton Toad Brake Van BR Departmental Yellow.....£16.99
377-490 Triple Pack China Clay 5 Plank Wagons GWR Grey.....£31.50
377-775 12 Ton Pipe Wagon ZDV No. KDB484176 BR Engineers Olive Green....£11.99
377-776 12 Ton Pipe Wagon ZDV No. B741318 BR Bauxite (early).....£13.50
377-777 12 Ton Pipe Wagon No. B484163 BR Bauxite (late).....£11.99
377-877 Queen Mary Brake Van YTX No. ADS58299 EWS, weathered.....£21.95
377-925A PCA Metalair Bulk Powder Wagon 11026 Blue Circle Cement, wthrd.£19.95
377-954A 13 Ton High Sided Steel Wagon No. 278985 NE Grey.....£12.99
377-955 13 Ton High Sided Steel Wagon B483417 BR Bauxite, weathered.....£11.50
377-956 13 Ton High Sided Steel Wagon B481230 BR Bauxite, weathered.....£11.50
377-957 13 Ton High Sided Steel Wagon E279122 BR Grey w/smooth sides.....£11.99
377-975A 12 Ton Eastern Ventilated Van No. 235738 LNER Oxide.....£11.99
377-976A 12 Ton Eastern Ventilated Van No. E236010 BR Early Bauxite.....£16.95

GRAHAM FARISH SCENECRAFT

42-0001 Two Road Brick Engine Shed.....£21.95
42-0005 Portable Office.....£10.50
42-0064 Parachute Water Tower.....£14.95
42-059 Oak Hill Brewery Boiler House.....£4.75
42-070 Coaling Tower.....£101.99
42-150 Road Side Farm Shop.....£12.00
42-181 Depot Hoist.....£22.95
42-191 Red Star Parcels Office.....£13.50
42-192 Platform Buffet.....£22.95
42-209 Low Relief Butchers.....£8.00
42-219 Low Relief Stone Factory.....£19.99
42-227 Low Relief Rear Victorian.....£25.95
42-228 Low Relief Double Track Tunnel.....£9.00
42-233 Low Relief Rear of Terraces.....£11.50
42-236 Low Relief Railway Hotel.....£12.95
42-245 Low Relief Corner Chemists.....£12.00
42-253 Low Relief Greengrocers.....£12.00
42-254 Low Relief Signal Box.....£13.50
42-298 Low Relief Boiler House.....£19.95
42-299 Low Relief Turbine Hall.....£37.95

WOODLAND SCENICS

ST4801 Mod-U-Rail Straight Module.....£99.99
ST4802 Mod-U-Rail Corner Module.....£119.99

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

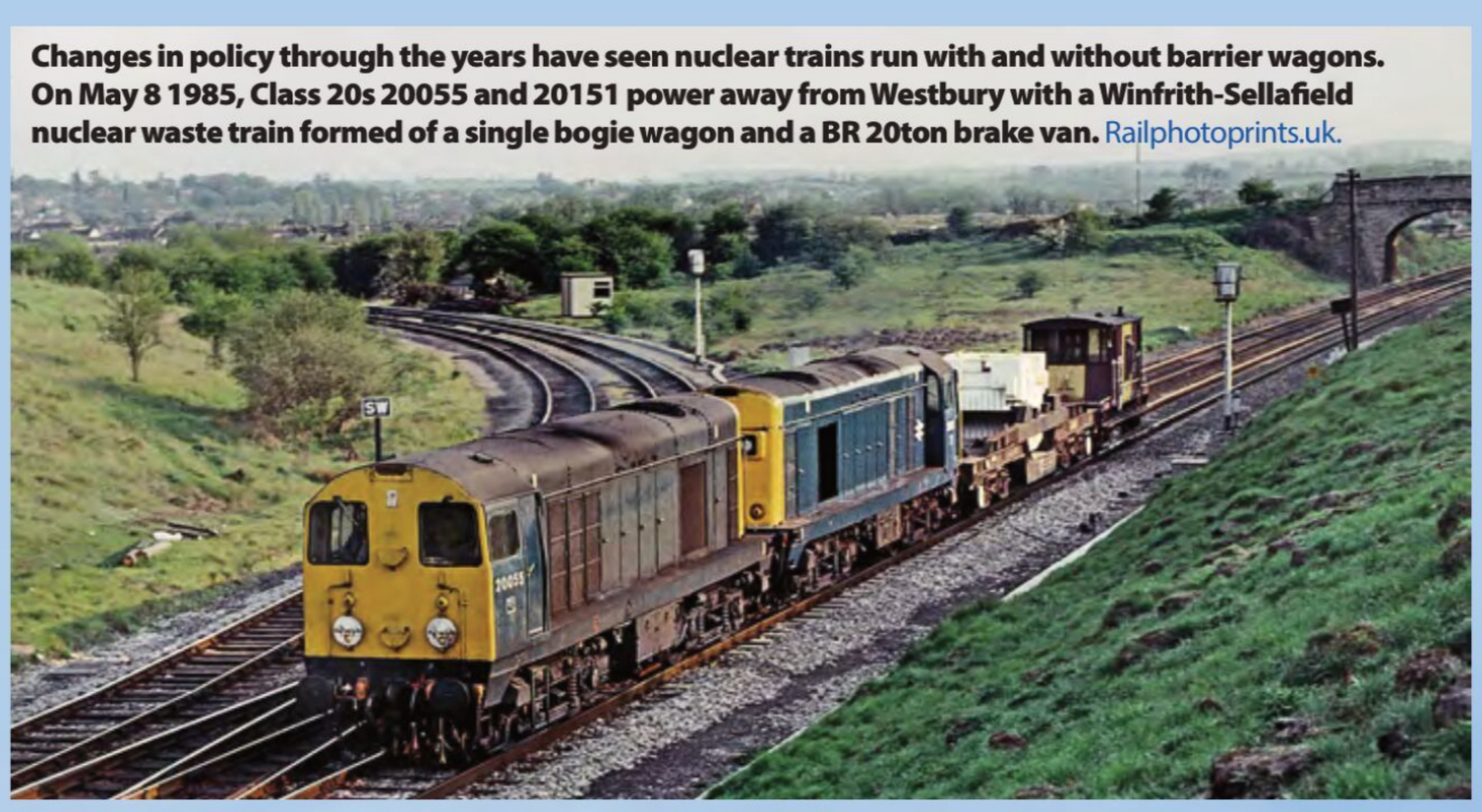
Nuclear TRAINS

Spent nuclear material being moved by rail generates much criticism from environmentalists despite its impeccable safety record, but it also generates a substantial income. **EVAN GREEN-HUGHES** *finds out more.*

Nuclear traffic generates short trains which are often worked by locomotives in multiple. On June 29 2016, DRS Class 37s 37259 and 37069 cross Eskmeals viaduct with the 5.18pm Sellafield-Crewe Coal Sidings working formed of three FNA nuclear flask wagons. Bruce Galloway.

FOLLOWING the development of atomic weapons at the end of the Second World War, in 1954 the Atomic Energy Authority was established with the intention of promoting the use of nuclear energy for power generation. Less widely publicised was the fact that early developments were also closely tied up with the desire to produce weapons-grade plutonium.

To this end, the country's first nuclear power station, at Calder Hall (later Sellafield) on the Cumbrian coast, opened in 1956, becoming one of the first in the world to produce commercial volumes of electricity. Other similar power stations came along in following years, with amongst the first being Chapelcross, near Annan in Scotland, Trawsfynydd in Wales, Berkeley in Gloucestershire and Bradwell in Essex. In 1966, the first 'fast breeder' reactor came on stream at Dounreay in Scotland and the programme continued to develop until there were 19 stations in total.



Changes in policy through the years have seen nuclear trains run with and without barrier wagons. On May 8 1985, Class 20s 20055 and 20151 power away from Westbury with a Winfrith-Sellafield nuclear waste train formed of a single bogie wagon and a BR 20ton brake van. Railphotoprints.uk.

Nuclear power stations are largely self-contained and produce little by way of by-products or waste - but one significant problem is the disposal of used fuel rods, which contain uranium and plutonium. These are taken out of the reactor at the end of their useful life and stored under water for around 18 months, after which they need to be reprocessed before finally being disposed of in secure storage. Controversially, but not surprisingly given the expense of this operation and its complexity, a decision »

was taken early on that this process should be centralised with the site chosen being Sellafield, where geological conditions were apparently suitable for the long-term storage of the end of process waste.

RAIL TRANSPORT

The decision was also taken that these spent rods should make their way to Sellafield by rail as it was perceived that the risks involved in road transport would be too great. Most plants were either rail served or near to a suitable railway line and as a result small transfer stations were provided consisting of a gantry crane spanning a single track. Spent fuel would be loaded into special and very strong 'flasks' which contained cooling liquid and then brought out of the plant on the back of a road vehicle, before being transferred onto rail wagons for onward transport.

The choice of this method of transport caused some headaches as these were the Beeching years and British Railways was cutting back its network in rural areas, which included most of the places where nuclear power stations had been built. A good example was in North Wales where the Trawsfynydd power station was to be built in the hills above Bala, being served by the former Great Western branch line to Blaenau Ffestiniog. This line was to be closed and so special arrangements had to be made to retain part of it at considerable expense and then to connect it to the former London & North Western Railway route into the area by constructing a completely new link line through the town.

In the early years British Railways worked nuclear traffic as if it were part of its normal freight operation with the only nod to the special nature of what was being carried being an instruction that flask wagons should be marshalled at the front of a train near to the engine, but sometimes using a barrier wagon, as was customary with special risk traffic at that time. Many of these services were operated by steam locomotives and there are many interesting photographs of flasks in ordinary freight trains. However, very soon, nuclear traffic began to be worked as dedicated loads with a few flask wagons being marshalled together and a brake van attached, even though the train was fully braked.



DRS increased its rolling stock fleet to include the PFA four-wheel container flats and these were used to move low height containers containing low level waste for disposal. The containers were single use so always looked clean on board the PFA wagons. DRS' 37612 and 37606 pass Seascale with the 7.56am Sellafield-Drigg working on June 30 2016. Bruce Galloway.

The flasks used for the carriage of the spent rods required the use of bogie freight wagons with a well between the two bogies. A method of retaining the flask in the event of derailment was also required. This led to the development of wagons such as the Shildon-built Flatrol MJJ which had a heavy frame fitted above the deck to securely hold the flask in place. This design was later superseded by the FNA which dispensed with the frame and instead had much higher sides as well as a raised area each side of the flask to prevent the load moving forwards or backwards.

SAFETY DEMONSTRATION

Although there were no incidents involving either flasks or nuclear traffic, many people living in areas through which these trains ran had serious concerns about safety. In an attempt to allay these, a spectacular demonstration was mounted at the Old Dalby test track, near Nottingham, on July 17 1984. In this famous test, a pressurised nuclear flask was placed across the track and a redundant Class 46 locomotive hauling three Mk 1 coaches was deliberately run into it at 90mph. The test completely wrecked the locomotive and coaches but the nuclear flask remained intact. This was one of the few times that either the electricity generators or British Rail drew attention to this form of traffic, which otherwise went about its business largely without publicity.

One traffic that was definitely not brought to the public's attention was that of spent waste from remote Barrow-in-Furness to Sellafield which turned out to be coming from other countries by sea for reprocessing. Along with regular traffic flows from the power stations and lesser amounts from some military facilities, such as those which supported nuclear-powered submarines, the total amount of business developed was quite substantial.

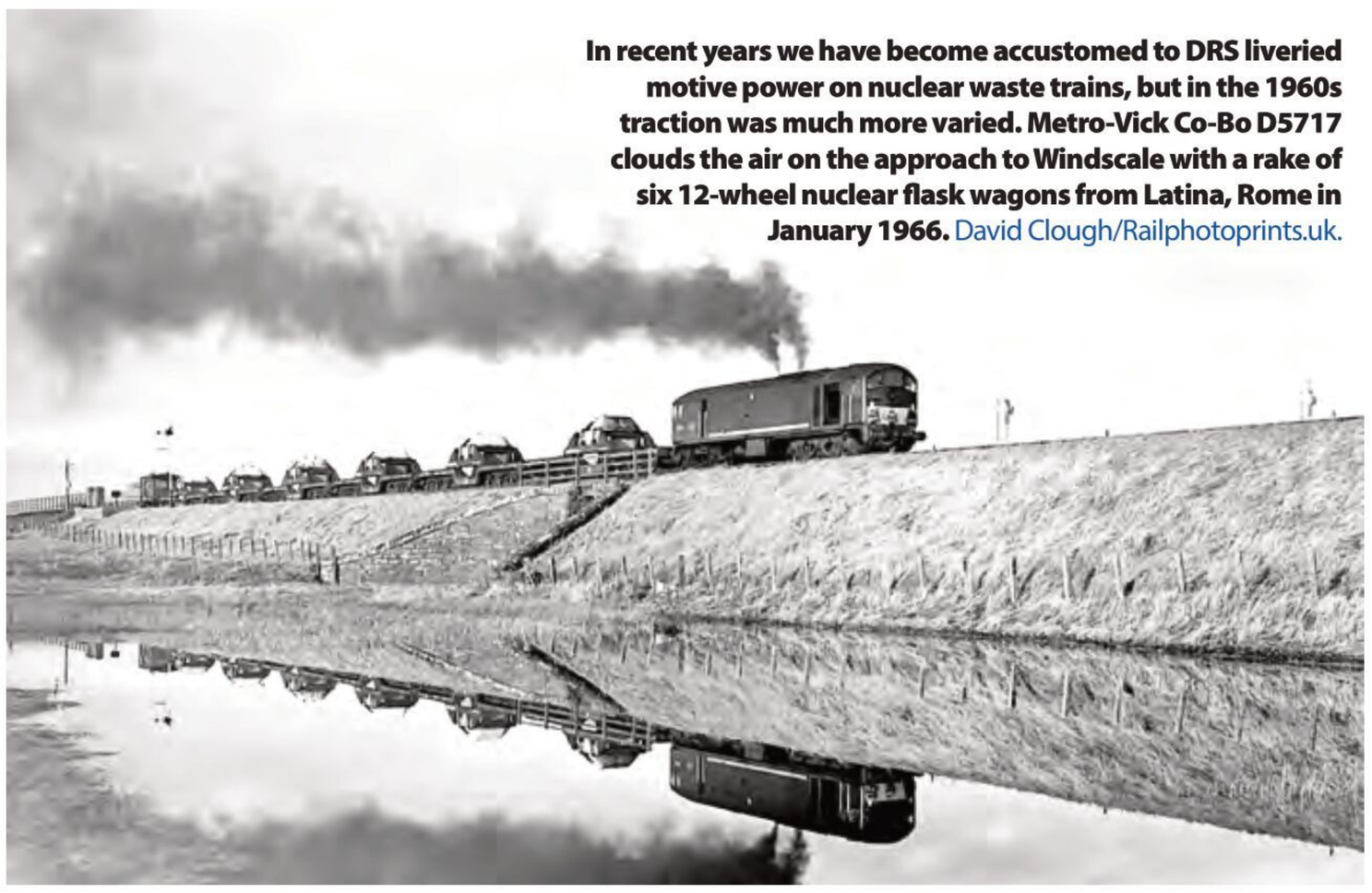
PRIVATISATION DILEMMA

However, this business was to produce a predicament for the government in the run up to privatisation for this type of traffic did not readily fit into any of the portfolios created by the carve-up of the freight sector. In addition there were many who thought that such delicate matters as the movement of military material should not be in private hands.

Consequently in 1994 British Nuclear Fuels, a state-owned company, formed Direct Rail Services which took over the working of all nuclear traffic in the country, a function it still performs, although it became part of the Nuclear Decommissioning Authority in 2005. DRS began operations with a small fleet of Class 20 locomotives (HM164) but has since expanded until now it has more than 100 locomotives of various classes in service.

Today DRS continues with the core services required to service the nuclear power industry, which largely consists of the movement of flasks from power stations to Sellafield, as well as the continuing traffic from Barrow destined for reprocessing. The company also handles military traffic, about which much less is published.

The company's trains are made up according to requirements but mostly consist of two locomotives together with a handful of flask wagons. These mainly operate in top-and-tail formation but there



In recent years we have become accustomed to DRS liveried motive power on nuclear waste trains, but in the 1960s traction was much more varied. Metro-Vick Co-Bo D5717 clouds the air on the approach to Windscale with a rake of six 12-wheel nuclear flask wagons from Latina, Rome in January 1966. David Clough/Railphotoprints.uk.

are many exceptions which would see both locomotives leading a train. More modern wagons such as the KUA have joined the fleet with these being multi-bogie vehicles capable of carrying a higher payload than earlier vehicles. Of particular interest are the trains which require an escort for which purpose specially-adapted Mk 2 coaches are provided at each end of the train. These are often provided where sensitive military traffic is involved, and the accommodation for the personnel must be a welcome improvement from the days when goods brake vans were provided for this purpose!

With many of the older nuclear power stations having been decommissioned for some years, work is under way to demolish redundant structures and to remove fittings that were previously considered to be too dangerous to handle. This has generated some additional traffic where the material has had to be taken away, either for reprocessing or for disposal. Work on some of the sites is expected to continue for more than a century, which may result in even more traffic for the sector.

Nuclear traffic is by its very nature fairly secretive and for that reason has not been as frequently recorded or photographed as perhaps other forms have - but the varied nature of its trains and their relatively short length may well lend themselves to being popular amongst modellers. Hm



Modern waste transport has required new wagon designs including the pair of KUA 16-wheel wagons built by Bombardier in 1998 mainly for use in traffic from Devonport to Sellafield. On February 22 2019 Class 68 68033 leads one of the pair of KUA wagons to Sellafield from Carlisle Kingmoor yard at Parton. Richie B.



Early transport of nuclear flask wagons was within ordinary goods trains, including behind steam traction. Stanier 'Black Five' 4-6-0 44911 passes Grayrigg on July 29 1967 with an Up freight including a nuclear flask wagon as the second vehicle in the train. Chris Davies/Railphotoprints.uk.

STAFF PROJECTS

LOCKED DOWN WITH

TOPLEYDALE

Aspinall '1008' 2-4-2T 50725 crosses the four-arch viaduct after passing through the new rock cutting on Topley Dale with a three-coach 'stopper'. The fencing around the field is Woodland Scenics' new board fencing.



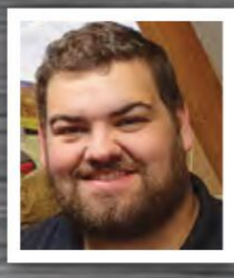
MIKE WILD

As well as working on the final scenery for Topley Dale Mike has also given his Crosti '9F' a full weathering treatment. See the finished model in this feature.



MARK CHIVERS

Mark has started building his recently gathered 'OO' plastic wagon kits - the first being a 'Tunney' four-wheel engineers' open wagon.



RICHARD WATSON

Richard has been having fun with expanding foam for our next layout construction project. Look out for the full feature and video next month.

Like many modellers **MIKE WILD** has been making the most of extra time at home during the recent lockdown to push forward with the Diversion Route on Topley Dale, but will our mammoth project ever be really finished?

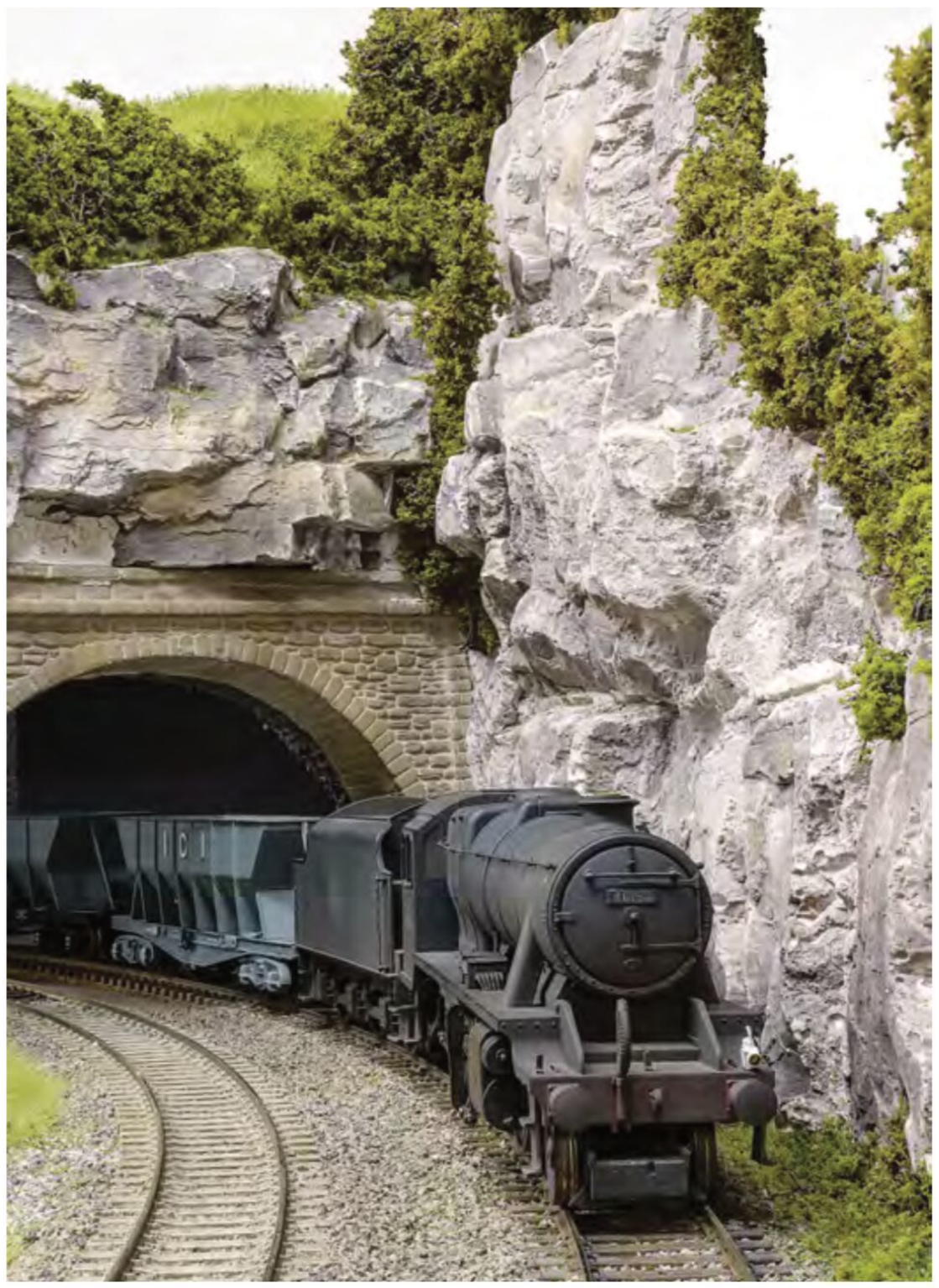


BEING at home is a good thing, certainly from my point of view. Over the past few months I've been able to put more time into Topley Dale than normal. Our usual annual schedule of exhibitions and layout builds has often meant the office test track has to take a backseat while other projects capture the limelight, but the lockdowns of 2020 and early 2021 have provided opportunities to push Topley Dale to the top of the list and the result is that the landscape around this main line scene is looking better than I could have hoped when I started the project back in 2018.

It's been a fun, rewarding and enjoyable journey over the past few months working on the Diversion Route and hopefully you will have seen that coming across in our monthly *Hornby Magazine* Show on YouTube. Richard has been under my feet with a camera for days (and nights) on end to keep up to date with progress on the layout on video - and you can watch the latest edition tracking the developments I'm talking about here from 8pm on February 5 on *www.youtube.com/hornbymag*.

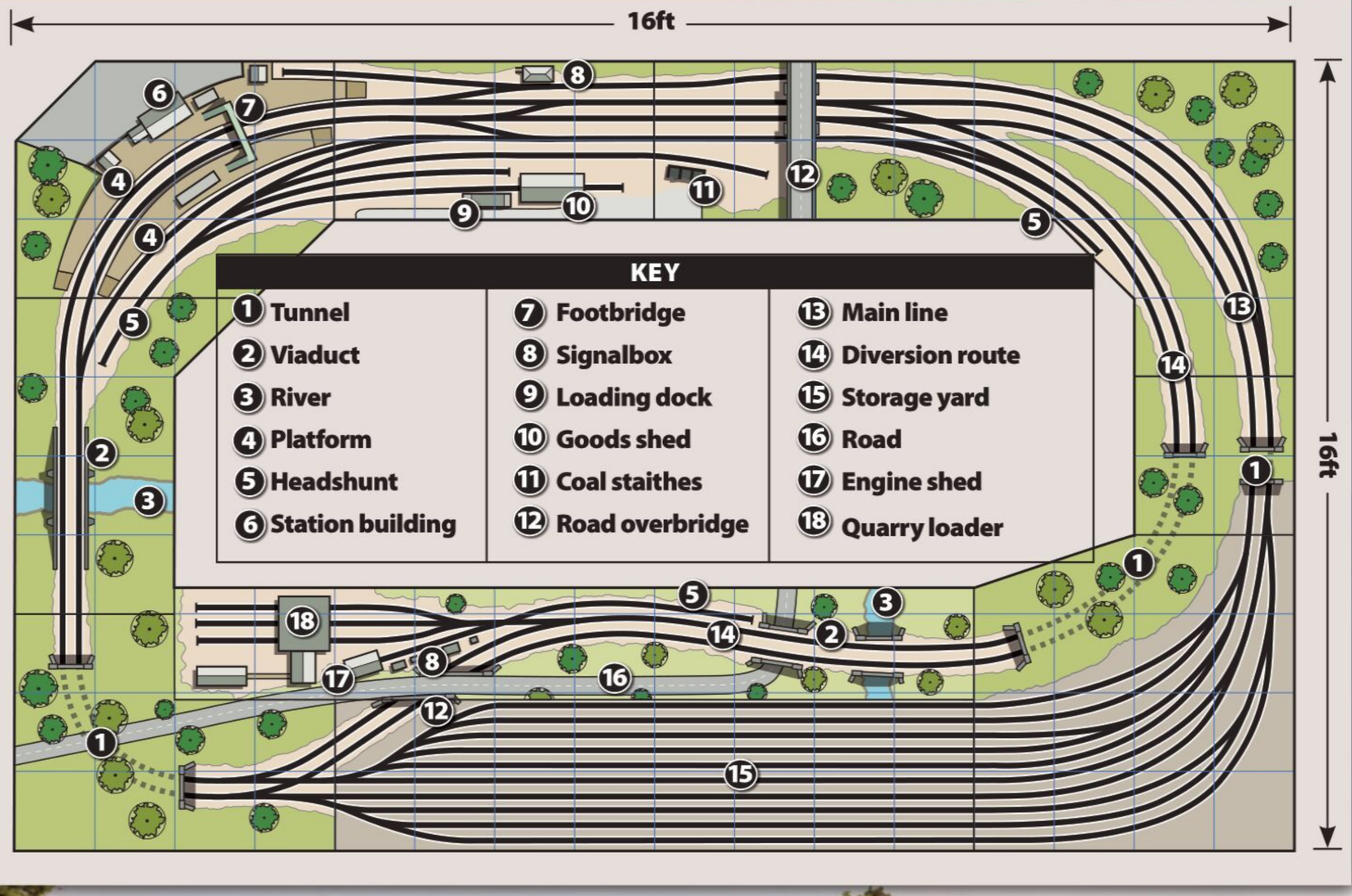
This month marks an important milestone for Topley Dale – the scenery has been built around all the scenes, although I hasten to add that built really doesn't mean finished! There are still lists of jobs large and small that will keep me focused on the layout for a long time yet and a grand plan for a major expansion project on the horizon too. Doubtless I'll come up with another idea to take it further after that too! Rolling stock is on the agenda for the future including weathering, detailing and sound installations.

Having reached the stage where the layout looks complete I wanted to share with you how it is looking now with brand new images. As a refresher, this scene sits in front of the 10-track storage yard and is, at its widest, 2ft deep. Other areas »



Woodland Scenics Hydrocal rock castings have been used to make the imposing cutting at the end of the scene.

TOPLEY DALE TRACK DIAGRAM (NOT TO SCALE)



are as little as 1ft deep. The scenery surrounds a double track main line weaving through countryside complemented by a quarry scene with sidings, buildings and a headshunt. This area alone has attracted Mark's attention as he loves the opportunity to shunt and shuffle wagons on a model railway.

When I started the scene, I was only anticipating that it would be 1ft wide along its entire length and, to be perfectly honest, I hadn't fully planned out how it would look. Much of its scenery has developed as I've gone along and has involved introducing working road vehicles with the Faller Car System (HM164) passing under and over the railway along the length of the scene as well as extensions to support the quarry scene and introduction of the working lorries and vans.

HOME STRAIGHT

This month my focus has been on completing the scenery which covers three areas of the Diversion

Right: **The river flows through underneath the viaduct as a North Western Bristol L6B crosses the road bridge and ex-LMS motive power works the railway above.**

Below: **LMS 'Twins' 10000 and 10001 lead a rake of Mk 1s across the viaduct with Topley Dale Quarry in the background. These are the latest Bachmann versions of the popular LMS prototype diesels.**





Route – landscaping in front of the headshunt, detailing the stream bed and adding Woodland Scenics water products to suggest moving water, and finally a deep rock cutting on the lead up to the tunnel at the end of the scene.

The first port of call was the landscaping in front of the headshunt – the simplest part of the project. Polystyrene blocks were cut to the shape of the baseboard, glued together with PVA adhesive and then shaped with a hot wire. The land drops away from track level and makes an attractive viewing point as trains sweep out from underneath the road bridge. Once cut to shape, Faller Kniving Filler was mixed and skimmed over the top of the polystyrene to form a hard shell onto which Green Scene dark mud textured paint was added around the edges and the entrance to a field. The rest of the embankment was painted with brown poster paint.

The finishing effects for this area are Woodland Scenics fine blended green turf overlaid by multiple layers of Green Scene static grass using a combination of medium and long Spring, Summer and Straw colours applied with a Noch Grasmaster.

WATER SCENE

Moving along the layout, one of the primary elements missing from the new viaduct scene was the water in the river. The plan was to create a waterfall rolling down the rocks behind the viaduct landing in a pool at the bottom behind the second arch of the bridge. This would then lead into a river flowing across the width of the baseboard with a small secondary waterfall.

The base colour is more Green Scene dark mud textured paint onto which Woodland Scenics Talus rocks and coarse blended grey ballast were added in various sizes to represent stones on the riverbed. All of this was left to set fully having been glued in place with diluted SBR adhesive.

Making the water is a long process due to the drying times between layers. My choice of products were Woodland Scenics Realistic Water and Water Effects from the same source. To build up the water, the front edge of the baseboard was sealed with clear plastic set in place with PVA glue to ensure the Realistic Water didn't run out of the riverbed onto the floor. That done, the first layer was poured and allowed to settle into place and three further pours were made adding the liquid in roughly 5mm thick layers each time over the »

GREEN SCENE
● Spring static grass, medium
● Spring static grass, long
● Summer static grass, medium
● Summer static grass, long
● Straw static grass, medium
● Straw static grass, long
● Dark mud textured paint

ADHESIVES
● PVA glue – multi-purpose basing glue for landscaping and construction
● SBR adhesive – thinned with water to fix ballast and loose rocks
● Matt varnish spray paint – adding additional static grass layers



Stanier '8F' 2-8-0 48154 is ready to leave the quarry as 'WD' 2-8-0 90254 leads an engineering train including a trio of Flangeway's new 'Salmon' rail carriers (see Reviews) on the main line.

following days. The more layers I applied, the better the river looked.

Now I had a still river which didn't have quite the effect that I wanted – because of the waterfalls it needed movement suggesting. For this I turned to Woodland Scenics Water Effects which can be used in a number of different ways including making sections of waterfall away from the layout and gluing them in place as well as direct onto a model as I did here.

The Water Effects is a thick liquid so it doesn't run which makes it ideal for creating waterfalls on vertical surfaces. Again, the material was built up in layers and additional strips were added around the second waterfall and teased into place with a brush to suggest movement. This is something that I'd like to come back to and do more with, the problem being that every layer takes at least 24 hours to dry, especially in winter.

ROCK CUTTING

Woodland Scenics materials have been extensively used across Topley Dale's Diversion Route and the rock cuttings are no exception. I've cast more Hydrocal rocks using the Woodland Scenics system than I care to admit, yet I still keep learning more about how I can get the best from it.

WHAT WE USED
● Woodland Scenics
● Hydrocal
● Rock moulds
● Realistic Water
● Water Effects
● Blended green fine turf
● Talus rocks, grey
● Coarse blended grey ballast
● Olive fine leaf foliage
● Light green fine leaf foliage

For the final part of the scene, I wanted a deep rock cutting – the finished rock wall is almost 1ft tall at its peak against the tunnel mouth, but unlike how I treated the quarry backdrop, I wanted the finished cutting to look like it had been blasted from solid rock rather than being individual pieces.

The rock castings were made in the same was as previously (HM151) by using rock moulds from Woodland Scenics of various types. Once they have been cast and set, I chose not to paint them before fixing them in place – that would come later. To join all the pieces together neatly, each casting was cleaned up along the base and top as required to form flat joining surfaces while other pieces were cut and carved to suit the space available. To fix them together, another batch of Hydrocal casting plaster was mixed and used as adhesive between each piece as once set this could be carved back to look like the same material as the main castings using a combination of a craft knife and small chisel. It's worked a treat to my eyes and I'll be using the technique again.

Painting followed the same method as the most recent rocks on the layout in order to keep a consistent feel to the limestone setting. It's a three-colour process which starts with small spots of diluted yellow, larger patches of diluted brown and finally an overall wash of heavily thinned black paint to give an interesting finish to the scene.

Having completed the rocks, I could move to the final elements which involved adding plaster bandage over the hillside above the tunnel, grass textures and a little extra ballasting inside the tunnel to enhance that area for photography.

WATCH THE FULL VIDEO SERIES ONLINE!

- Visit *www.keymodelworld.com/online-exclusives* to see all our videos and features on Topley Dale's Diversion Route.

NEXT STEPS

What you see now is a largely completed layout, but one which I'm ready to start taking to the next level with more detail. High on the hit list is full lighting for the diversion route including street, yard and building lights while I'd also like to make a new signalbox for this section too and go for full interior finishing and lighting. There are still point motors to add in places, signals to upgrade and I want to make use of the new Woodland Scenics telegraph poles with wires when they become available. As we closed for press I also received a bespoke pack of signage out of the blue from Sankey Scenics for Topley Dale Quarry, and that will definitely be making its way onto the layout.

As you can see, Topley Dale's journey is still far from over and if you have missed any of the story so far you can relive the entire process in feature length video episodes in our brand new dedicated section on *KeyModelWorld.com*. Its available for *Hornby Magazine* and KeyModelWorld subscribers – log in and enjoy! And if you fancy a taster of the first episode, its free for all to watch now. Hm

USEFUL LINKS

Green Scene	*www.green-scenes.co.uk*
Woodland Scenics	*www.bachmann.co.uk*

With the rock cutting around the tunnel dominating the background, Crosti '9F' 2-10-0 92027 leads an empty steel train past the headshunt for the quarry.

KJB MODELS

NEW & SECONDHAND MODEL RAILWAY DEALER

NEW MODEL SHOP OPENING SOON in Hensall, Yorkshire

Follow our Facebook Page for further details

www.kjbmodels.co.uk

GOOD QUALITY PRE-OWNED MODEL RAILWAY ITEMS...



DO YOU HAVE A MODEL RAILWAY COLLECTION TO SELL?

FIRST... Send your list of items via post or email

THEN... We will do a professional evaluation of your collection

NOW... Send your items or we will travel to collect

FINALLY. We can pay by Bank Transfer or cash

www.webuymodelrailways.co.uk

Click and collect now available *(t & c's apply).*

Shop not open for browsing yet.

Tel: **01977 525861** Mob: **07542 710005**

Email: **enq@kjbmodels.co.uk**

PayPal VISA MasterCard

CHELTENHAM MODEL CENTRE

www.cheltenhammodelcentre.com

HORNBY

2021 Announcements Available To Pre Order Now!

It is highly recommended to pre order items as all are being produced in limited numbers. See the full range on our website where you can place your pre orders. No money is taken until the item arrives into stock.

Rocket Pack And L&MR Wagons



R3956 - L&MR Stephenson's Rocket Royal Mail Train Pack.....£179.99



R40102 - L&MR Open Carriage Pack.....£62.99
R60014 - L&MR Flat Bed Wagon Triple Pack.....£62.99

Mk4 Coaches & DVTs

New Tooling



R40152 - BR Mk4 Open First Intercity Coach K.....£33.29
R40153 - BR Mk4 Open First (Accessible Toilet) Intercity Coach L.....£33.29
R40154 - BR Mk4 Open First Intercity Coach M.....£33.29
R40156 - BR Mk4 Standard Intercity Coach E.....£33.29
R40156A - BR Mk4 Standard Intercity Coach C.....£33.29
R40156B - BR Mk4 Standard Intercity Coach D.....£33.29
R40159 - BR Mk4 Standard (Accessible Toilet) Intercity Coach F.....£33.29
R40160 - BR Mk4 Standard/Kitchen Intercity Coach H.....£33.29
R40161 - BR Mk4 DVT Intercity.....£62.99
R40162 - BR Class 43 DVT Intercity.....£62.99



R40148 - BR Mk4 Open First LNER Coach K.....£33.29
R40149 - BR Mk4 Open First (Accessible Toilet) LNER Coach L.....£33.29
R40150 - BR Mk4 Open First LNER Coach M.....£33.29
R40151 - BR Mk4 Standard LNER Coach D.....£33.29
R40151A - BR Mk4 Standard LNER Coach E.....£33.29
R40151B - BR Mk4 Standard LNER Coach C.....£33.29
R40155 - BR Mk4 Standard (Accessible Toilet) LNER Coach F.....£33.29
R40157 - BR Mk4 Standard/Kitchen LNER Coach H.....£33.29
R40158 - BR Mk4 DVT LNER.....£62.99



R40145 - BR Mk4 Standard (Accessible Toilet) GNER Coach F.....£33.29
R40146 - BR Mk4 Standard/Kitchen GNER Coach H.....£33.29
R40147 - BR Mk4 DVT GNER.....£62.99
R40163 - BR Mk4 Open First GNER Coach K.....£33.29
R40164 - BR Mk4 Open First (Accessible Toilet) LNER Coach L.....£33.29
R40165 - BR Mk4 Open First GNER Coach M.....£33.29
R40166 - BR Mk4 Standard GNER Coach E.....£33.29
R40166A - BR Mk4 Standard GNER Coach C.....£33.29
R40166B - BR Mk4 Standard GNER Coach D.....£33.29

BR 9F 2-10-0

New Tooling



R3986 - BR 9F 2-10-0 92167 BR Black Early Crest.....£188.99
R3987 - BR 9F 2-10-0 92194 BR Black Late Crest.....£188.99
R3988 - BR 9F 2-10-0 92220 'Evening Star' BR Green Late Crest.....£188.99

LNER P2

New Tooling



R3983 - LNER P2 2-8-2 2007 'Prince of Wales' LNER Green New Build.....£188.99
R3984 - LNER P2 Class 2-8-2 2002 'Earl Marischal' LNER Green.....£188.99
R3985 - LNER P2 Class 2-8-2 2003 'Lord President' Streamlined.....£188.99

Maunsell Dining Saloon

New Tooling



R40030 - SR Maunsell Third Class Dining Saloon SR Green 7864.....£44.99
R40030A - SR Maunsell Third Class Dining Saloon SR Green 7867.....£44.99
R40031 - SR Maunsell Composite Diner BR Green 7841.....£44.99
R40031A - SR Maunsell Composite Diner BR Green 7843.....£44.99

Class 87



R30030 - BR Class 87 87006 'City of Glasgow' BR Large Logo.....£161.99
R30031 - BR Class 87 87009 'City of Birmingham' Intercity.....£161.99

Class 56



R30073 - BR Class 56 56047 BR Blue.£161.99
R30082 - BR Class 56 56086 BR Large Logo Blue.....£161.99

LNER A1/A3

New Tooling



R3989 - LNER A1 4-6-2 2564 'Knight of The Thistle' LNER Green.....£188.99
R3990 - LNER A1 Class No. 2547 'Doncaster' LNER Green.....£188.99
R3991 - LNER A3 4-6-2 60103 'Flying Scotsman' BR Green Early Crest.....£188.99

Ruston & Hornsby 88DS

New Tooling



R3894 - Ruston & Hornsby 88DS 0-4-0 No.4 North British Distillery Co. Ltd.....£84.59
R3895 - Ruston & Hornsby 88DS 0-4-0 No.3 Rowntree & Co.....£84.59
R3896 - Ruston & Hornsby 88DS 0-4-0 No.84 BR Green.....£84.59
R3897 - Ruston & Hornsby 88DS 0-4-0 No.20 BR Blue.....£84.59

Telephone: 01242 523117

Email: info@cheltenhammodelcentre.com

39 High Street
Cheltenham
GL50 1DX

Find Us On Facebook

£4 postage and packing per order. All prices are subject to change without notice. Items in stock at time of going to press. Please see our website for live stock levels and prices. Any delivery dates are taken from the manufacturer and are subject to change at any time. Special offer prices are valid only while stocks last and re subject to change at any time.

White Rose ModelWorks

PREMIUM MANUFACTURERS OF MODEL RAILWAY BASEBOARDS

MODULAR LASER CUT BASEBOARDS

40 standard sizes to suit your space & needs
Control shelves & Backscenes
Unique plug and latch system for easy joining



LASER CUT DRAWERS AND PLINTHS

We provide a range of modeller's Plywood Laser Cut Drawers ideal for storage of engines, rolling stock, paints or modelling equipment.



MODULAR LASER CUT BASEBOARDS

40 standard sizes to suit your space and needs
Control shelves and Backscenes
Unique plug and latch system for easy joining



Available in kit form, built-up boards or fully assembled railways

Unit 10, Bedale Station, The Bridge, Bedale,
North Yorkshire DL8 1BZ • Tel: **01677 422444**
Email: **info@whiterosemodelworks.co.uk**

www.whiterosemodelworks.co.uk

THIS MONTH AT Hattons

MODEL RAILWAYS

Compiled between 12th December 2020 & 12th January 2021

Latest News



Hornby 2021 Range Launch

Hornby have announced their new 2021 range, with hundreds of new items to explore. Place your pre-orders now to avoid disappointment!

www.hattons.co.uk/tmah130



Corgi 2021 Range Launch

Corgi have also revealed their range of new items for 2021, including a selection of new toolings as well as plenty of new liveries for popular releases.

www.hattons.co.uk/tmah131



Hattons Originals Genesis Coaches

Hattons have shared livery artwork for the second batch of Genesis 4 & 6 wheel coaches. Batch is due in Q2 2021 with more following later in the year.

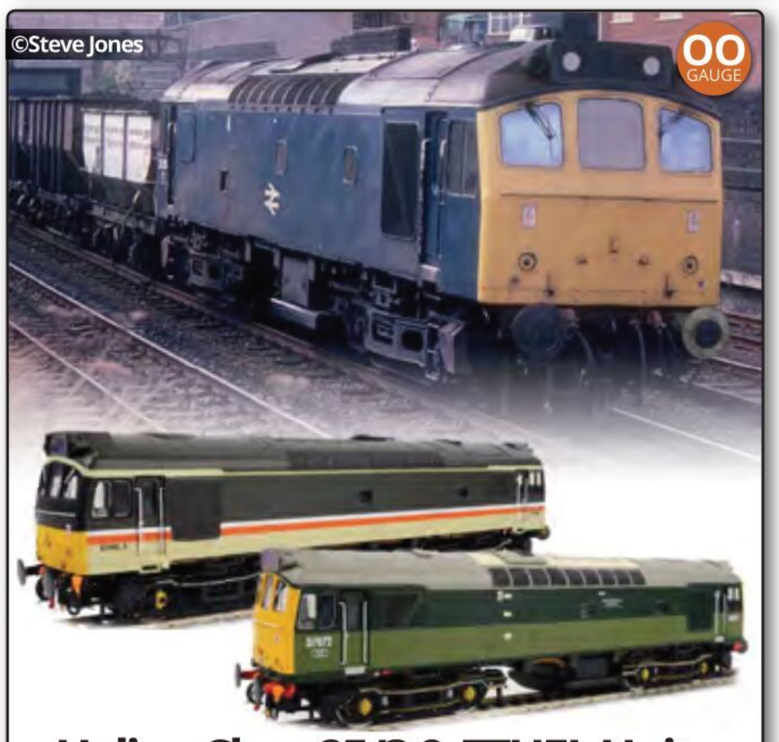
www.hattons.co.uk/tmah132



Heljan Class 47

Heljan have given a sneak preview of the first engineering sample for their newly tooled OO gauge Class 47. Due Q4 '21 to Q1 '22 in a range of liveries.

www.hattons.co.uk/tmah130



Heljan Class 25/3 & ETHEL Units

Heljan's newly tooled Class 25/4 locomotives (and converted ETHEL train heating units) are due in stock during February 2021.

www.hattons.co.uk/tmah133



Accurascale Class 37

Accurascale have shown an initial engineering sample for their newly tooled Class 37. The model covers 37/0, 37/4 & 37/6 subtypes in many liveries.

www.hattons.co.uk/tmah129

Top 5 Best Sellers

1



OO

Gaugemaster
GM4430102 - £34.50

2



OO

Oxford Diecast
76SCV001 - £11

3



OO

Hattons Originals
H4-BH-006 - £35

4



OO

Hattons Originals
H4-66-013 - £119

5



OO

Hattons Originals
H4-FEAS-001A - £25

/hattonsmodelrailways /hattonsmodels /hattonsmodelrailways /hattonshobbies

Forthcoming Releases

See more at www.hattons.co.uk and follow us on social media!

dapol

O

NEW TOOL



GWR Streamlined Railcar

Stage: Painted Samples **Due:** Q1 2021
Price: from £297.50 **Digital:** 21-pin

hattons.co.uk/dapolorailcar

OO

NEW TOOL



British Rail Class 59

Stage: Painted Samples **Due:** Q1 2021
Price: from £131.71 **Digital:** 21-pin

hattons.co.uk/dapol59

OO

NEW TOOL



JHA Hopper Wagons

Stage: Painted Samples **Due:** Feb 2021
Price: from £38.25 **Digital:** 6-pin*

hattons.co.uk/dapoljha

* - Outer wagons feature controllable tail lamp

Hattons

OO

NEW TOOL



Genesis 4 & 6 Wheel Coaches

Stage: Engineering Samples **Due:** Q2 2021
Price: £30 / £36 **Digital:** 18-pin

hattons.co.uk/genesis

Batch 1 - Due Q2 2021

- LBSCR mahogany
- SECR livery
- GNR lined teak
- SR olive green
- GWR chocolate & cream
- LNWR livery
- LNER pre-war brown
- LMS crimson lake
- Departmental

Batch 2 - Due 2021

- GCR French grey & brown
- L&Y brown & umber
- Midland crimson lake
- LSWR brown & umber
- BR crimson
- NCB blue

Batch 3 - Date & Liveries TBC



HELJAN

009

NEW TOOL



Lynton & Barnstaple 2-4-2T

Stage: Painted Samples **Due:** Q1 2021
Price: £203.96 **Digital:** 6-pin

hattons.co.uk/landb242t

OO

NEW TOOL



Class 25/3 & ETHEL Units

Stage: Production Samples **Due:** Feb 2021
Price: from £152.96 **Digital:** 21-pin

hattons.co.uk/hel253

OO

NEW TOOL



GWR AEC Railcar

Stage: Painted Samples **Due:** Q1 2021
Price: £160.65 **Digital:** 21-pin

hattons.co.uk/gwraec

Hornby 2021 Range hattons.co.uk/hornby2021

OO

NEW TOOL



Ruston 88DS Shunter

Stage: Livery Renders **Due:** July 2021
Price: £85 **Digital:** 8-pin

hattons.co.uk/ruston88ds

OO

NEW TOOL



Class 9F 2-10-0

Stage: Announced **Due:** Oct 2021
Price: £189 **Digital:** 8-pin

hattons.co.uk/hornby9f

OO

NEW TOOL



Class P2 2-8-2

Stage: Announced **Due:** Dec 2021
Price: £189 **Digital:** 8-pin

hattons.co.uk/hornbyp2

OO

REVISED TOOL



Class A1 & A3 4-6-2

Stage: Livery Renders **Due:** Sep 2021
Price: £189 **Digital:** 8-pin

hattons.co.uk/hornbya1a3

OO

NEW TOOL



Mk1 BCK Coaches

Stage: Painted Samples **Due:** Jun 2021
Price: £31.50 **Digital:** N/A

hattons.co.uk/hornbymk1bck

OO



L&MR 'Rocket' & Rolling Stock

Stage: Painted Samples **Due:** Q1 2021
Price: £180/ £63 (Wagons) **Digital:** 6-pin

hattons.co.uk/hornbyrocket

OO



Class W1 'Hush Hush' 4-6-4

Stage: Painted Samples **Due:** Apr-Dec 2021
Price: £189 **Digital:** 8-pin

hattons.co.uk/hornbyhushhush

OO

NEW TOOL



Mk4 Coaches & DVT

Stage: Announced **Due:** Feb 2021
Price: £33.50/ £63 (DVT) **Digital:** 8-pin (DVT)

hattons.co.uk/hornbymk4coaches

OO



Class 47 (Railroad Plus)

Stage: Renders **Due:** Jun 2021
Price: from £67.50 **Digital:** 8-pin

hattons.co.uk/hornby47

OO



Class 43 HST Packs

Stage: Renders **Due:** Sep 2021
Price: from £270 **Digital:** 8-pin

hattons.co.uk/hornbyhst

OO



Class 390 Pendolino

Stage: Painted Samples **Due:** Feb 2021
Price: £236/ £40.50 (Coaches) **Digital:** 8-pin

hattons.co.uk/hornbypendolino

OO



Class B2 'Peckett' 0-6-0ST

Stage: Renders **Due:** Jul-Sep 2021
Price: £103.50 **Digital:** 6-pin

hattons.co.uk/hornbypeckettb2

Sign up to our weekly newsletter at hattons.co.uk/mailinglist

Hattons MODEL RAILWAYS

Opening Hours
Store: Currently Closed
0151 733 3655
Mon to Sun 9:30am to 5:30pm

OO Gauge (1:76 Scale)

Steam locos



H4-AB14-001 Andrew Barclay 0-4-0ST 14" 2047 '705' in BR black early emblem (Hat) (RRP £99)BARGAIN £84



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



H4-AB16-002 Andrew Barclay 0-4-0ST 16" 2043 'No 6' in NCB green (Hat) (RRP £99) . . . . . .BARGAIN. £84



H4-AB16-003 Andrew Barclay 0-4-0ST 16" 2226 "Katie" in lined maroon (Hat) (RRP £99) . . . . . .BARGAIN. £84



H4-AB16-001 Andrew Barclay 0-4-0ST 16" 2244 'No.10' in NCB lined black (Hat) (RRP £99). . . . . .BARGAIN. £84



266214 Beyer Garratt 2-6-0 0-6-2 4984 in LMS black original coal bunker - lightly weathered (Hel) £221



266213 Beyer Garratt 2-6-0 0-6-2 4993 in LMS black original coal bunker (Hel) £212



R3864 Class 4000 Star 4-6-0 4003 'Lode Star' in GWR green (Hor) £162



R3462 Class 42xx 2-8-0T 4287 in BR Black early emblem (Hor) (RRP £105.99). . . . . BARGAIN. £86



4S-043-005 Class 43xx Mogul 2-6-0 6364 in BR lined green early emblem (Dap) £135.96
4S-043-002D Class 43xx Mogul 2-6-0 6385 in GWR green shirtbutton emblem - DCC fitted (Dap) £161.46



4S-043-003 Class 43xx Mogul 2-6-0 in GWR green BR smokebox numberplate (Dap). £135.96
4S-043-003D Class 43xx Mogul 2-6-0 in GWR green BR smokebox numberplate - DCC fitted (Dap) £161.46



R3804 Class 49xx 'Hall' 4-6-0 5972 "Hogwarts Castle" in Hogwarts Railways red - Harry Potter range (Hor) £99



R3719 Class 5101 'Large Prairie' 2-6-2T 4154 in GWR green (Hor) £126
R3719X Class 5101 'Large Prairie' 2-6-2T 4154 GWR green - Digital fitted (Hor) . . .£144



R3463 Class 52xx 2-8-0T 5231 in BR black early emblem (Hor) (RRP £105.99). . . . . BARGAIN. £86
R3721X Class 61xx 'Large Prairie' 2-6-2T 6110 GWR green - Digital fitted (Hor) . . .£144



R3721 Class 61xx 'Large Prairie' 2-6-2T 6110 in GWR green (Hor) £126



R3639 Class 8P 'Streamlined Coronation' 4-6-2 6244 "King George VI" in LMS crimson lake (Hor) (RRP £189.99). . . . . .BARGAIN. £139.50



R3711X Class 8P Princess Royal 4-6-2 46206 "Princess Marie Louise" in BR express passenger blue - Digital fitted (Hor). £184.50



R3855 Class 8P Princess Royal 4-6-2 46211 'Queen Maud' in BR green late crest (Hor). £171



R3617 Class 8P Rebuilt Merchant Navy 4-6-2 35030 "Elder Dempster Lines" in BR green late crest (Hor). £144



R3857 Class 8P Streamlined Coronation 4-6-2 6220 'Coronation' in LMS coronation blue (Hor) £171



R3848 Class A1X Terrier 0-6-0T 13 'Carisbrooke' in SR malachite green British Railways lettering (Hor). . . £85.50



R3371 Class A4 4-6-2 4468 "Mallard" in LNER garter blue - Railroad range (Hor). £94



R3447 Class B17 4-6-0 2842 "Kilverstone Hall" in LNER green (Hor) (RRP £120.99). . . . . .BARGAIN. £109



R3448 Class B17 4-6-0 61619 "Welbeck Abbey" in BR green early emblem (Hor) £109



R3417 Class K1 2-6-0 62065 in BR black late crest (Hor) (RRP £105.99) . . . . . .BARGAIN. £96



R3635 Class LN 'Lord Nelson' 4-6-0 30863 "Lord Rodney" in BR green early emblem (Hor) (RRP £169.99)BARGAIN . £124



R3825 Class W4 Peckett 0-4-0ST 614 in grey - Centenary Year Ltd Ed (Hor) NEW. £109.99



R3640 Class W4 Peckett 0-4-0ST 882 "Niclausse" in Peckett works leaf green (Hor) £90



R3631 SECR H Class 0-4-4T 31265 in BR black early emblem (Hor) £117



H4-P-016 SECR P Class 0-6-0T 31556 in BR black early emblem (Hat) (RRP £99). . . . . .BARGAIN. £84



H4-P-013 SECR P Class 0-6-0T 5027 in ROD green (Hat) (RRP £99). . . . . .BARGAIN. £84



H4-P-014 SECR P Class 0-6-0T 5753 in ROD green (Hat) (RRP £99). . . . . .BARGAIN. £84

Diesel locos



R3577 4-wheel Sentinel 0-4-0 "Graham" in Oxfordshire Ironstone Company red (Hor) £60



2930 Class 07 shunter 07001 in Harry Needle Railroad Company - Exclusive to Hattons Model Railways (Hel) (RRP £139). . . . . .BARGAIN. £94



MM0124 Class 121 124 in Iarnród Éireann (Mur) NEW . .£149.50
MM0134 Class 121 134 in Iarnród Éireann (Mur) NEW. £149.50



4D-014-003 Class 29 D6107 in BR blue (Dap) £109
4D-014-003S Class 29 D6107 in BR blue - DCC sound fitted (Dap) . . . £249.84



R3746 Class 31/1 31102 in BR blue (Hor). £157.50



R3745 Class 31/6 31602 "Driver Dave Green" in Network Rail yellow (Hor) £157.50



4D-003-015 Class 52 'Western' D1034 "Western Dragoon" in BR maroon small yellow panels (Dap). £129.16



4D-003-013S Class 52 'Western' D1035 "Western Yeoman" in BR green small yellow panels - DCC sound fitted (Dap). £248.66



4D-003-018 Class 52 'Western' D1041 "Western Prince" in BR blue (Dap) £129.16

Follow us on @hattonsmodels and /hattonsmodelrailways



UK P&P £4 per order
(free for orders over £175)
£2.75 per single diecast item
£7 Guaranteed Next Day Delivery
(Orders Before 4pm)



R3884 Class 60 60100 'Midland Railway - Butterley' in DB red (Hor) £162
H4-66-008 Class 66 66033 Euro Cargo Rail EWS branding (Hat) (RRP £150) . . . . . BARGAIN £119



H4-66-005 Class 66 66088 in EWS DB branding (Hat) (RRP £150). . . . . . BARGAIN. . . . £119



H4-66-009 Class 66 66218 in Euro Cargo Rail DB branding (Hat) (RRP £150). . . . . . BARGAIN. . . . £119
H4-66-010 Class 66 66404 in DRS compass (Hat) (RRP £150) BARGAIN . £119



H4-66-011 Class 66 66433 in DRS compass (Hat) (RRP £150). . . . . . BARGAIN. . . . £119
H4-66-014 Class 66 66502 in Freightliner "Basford Hall Centenary 2001" (Hat) (RRP £150) . . . . . BARGAIN £119



H4-66-020 Class 66 66504 in Freightliner Powerhaul (Hat) (RRP £150). . . . . . BARGAIN. . . . £119
H4-66-021 Class 66 66528 in Freightliner Powerhaul "Madge Elliot MBE - Borders Railway Opening 2015" (Hat) (RRP £150) BARGAIN £119



H4-66-037 Class 66 66587 in Freightliner/ONE pink "AS ONE, WE CAN" (Hat) (RRP £150) . . . . . BARGAIN. . . . £119



H4-66-016 Class 66 66593 in Freightliner "3MG Mersey Multimodal Gateway" (Hat) (RRP £150) BARGAIN. . . . £119



H4-66-036 Class 66 66623 in Freightliner/G&W orange (Hat) (RRP £150) . . . . . BARGAIN. . . . £119



H4-66-022 Class 66 66704 in GBRf original (Hat) (RRP £150) . . . . . BARGAIN. . . . £119



H4-66-023 Class 66 66705 in GBRf original Union Flag "Golden Jubilee" (Hat) (RRP £150). . . . . BARGAIN. . . . £119



H4-66-024 Class 66 66727 in GBRf/First group "Andrew Scott CBE" (Hat) (RRP £150). . . . . . BARGAIN. . . . £119



H4-66-033 Class 66 66743 in GBRf/Royal Scotsman (Hat) (RRP £150). . . . . . BARGAIN. . . . £119
H4-66-033-D Class 66 66743 in GBRf/Royal Scotsman - Digital Fitted (Hat) (RRP £165). . . . . BARGAIN £139
H4-66-034 Class 66 66746 GBRf/Royal Scotsman (Hat) (RRP £150) . . . . . BARGAIN £119



H4-66-027 Class 66 66756 in GBRF Europorte "Royal Corps of Signals" (Hat) £150



H4-66-028 Class 66 66762 in GBRF Europorte (Hat) (RRP £150). . . . . . BARGAIN. . . . £119



H4-66-035 Class 66 66780 in GBRf/Cemex "The Cemex Express" (Hat) (RRP £150). . . . . . BARGAIN. . . . £119



R3659 Class 67 67027 "Charlotte" in Colas Rail Freight (Hor). . . £144



4D-006-011S Class 73/1 73109 "Battle of Britain" in Network SouthEast - DCC sound fitted (Dap) £258

Diesel train packs



R3697 Northern Belle train pack Class 57/6 57601 "Windsor Castle" and three Mk2D coaches in Northern Belle (Hor). . . £135

HSTs



R3903 Pair of Class 43 HST Power Cars 43021 and 43132 'A New Era' in ScotRail '7 Cities' (Hor) NEW £261

Electric locos



R3374 Class 71 71012 in BR Blue (Hor) (RRP £128.99) BARGAIN £109



R3910 Class 73 73964 'Jeanette' in GB Railfreight - Railroad plus range (Hor) NEW £63



7602 Class 76 EM1 Woodhead electric E26049 in BR blue - Ltd Ed for Olivias Trains (Hel) £160



7700 Class 77 EM2 Woodhead electric 27000 "Electra" in BR black early emblem - gloss finish - Ltd Ed for Olivias Trains (Hel) £165



R3582 Class 87 87010 "King Arthur" in Intercity Swallow (Hor) £144



R3580 Class 87 87035 'Robert Burns' in BR Blue (Hor) . £144

DMUs



4D-009-009 Class 121 single car DMU 'Bubblecar' 977723 in Railtrack red and white (Dap) (RRP £145) BARGAIN £79



4D-015-HAT01 Class 122 Gloucester RCW "Bubblecar" single car DMU TDB975023 in Route Learning BR blue - Hatton's limited edition (Dap) (RRP £129.95) BARGAIN £99



4D-015-008 Class 122 single car DMU 'Bubblecar' W55018 in BR green speed whiskers (Dap) £123.25



R3575 Class 153 single car DMU 153379 in ex-Central Trains green East Midlands Trains branding (Hor). . . . £74

EMUs



R3606 5-BEL Pullman Brighton Belle EMU end vehicles in Pullman umber and cream small yellow panels (Hor) £149

Train sets - analogue



R1269 "Stay at Home" - Hornby trainset hamper (Hor). . £180



R1167 'Flying Scotsman' starter train set 4472 "Flying Scotsman" loco in LNER green and three Gresley teak coaches (Hor). £157



R1214 East Coast Express Train Set (Hor) £157.50



R1254M GWR freight - starter train set (Hor). £117

Coaches



R4973A Mk1 RB restaurant buffet M1657 in BR blue and grey (Hor) NEW £31.50

Wagons



H4-FEAE-001A FEA-E intermodal wagon 641003 in Freightliner green (Hat) (RRP £32) . . . . BARGAIN. £25
H4-FEAE-002A FEA-E intermodal wagon 641013 in Freightliner green (Hat) (RRP £32) . . . . . BARGAIN £25
H4-FEAE-004A FEA-E intermodal wagon 641058 in Freightliner green (Hat) (RRP £32) . . . . . BARGAIN £25
H4-FEAE-003A FEA-E intermodal wagon 641060 in Freightliner green (Hat) (RRP £32) . . . . . BARGAIN £25



H4-FEAS-002A FEA-S intermodal wagon 640633 in GBRf blue (Hat) (RRP £32). . . . . . BARGAIN. £25
H4-FEAS-001A FEA-S intermodal wagon 640666 GBRf blue (Hat) (RRP £32) . . . . . BARGAIN £25
H4-FEAS-004A FEA-S intermodal wagon 640671 GBRf blue (Hat) (RRP £32) . . . . . BARGAIN £25
H4-FEAS-003A FEA-S intermodal wagon 640689 GBRf blue (Hat) (RRP £32) . . . . . BARGAIN £25



4F-044-008 Pair of FEA-B Spine Wagons 640177+ 640178 in Freightliner (Dap) £39.24

Sign up to our weekly newsletter at hattons.co.uk/mailinglist

Visit

www.hattons.co.uk/new

for all new releases





H4-RHTT-001 Rail Head Treatment Train 'Sandite' 2 wagons and sandite modules (Hat) (RRP £118) . . BARGAIN. £99



H4-RHTT-004 Rail Head Treatment Train 'Sandite' 2 wagons and sandite modules - weathered (Hat) (RRP £126) BARGAIN. £119
H4-RHTT-002 Rail Head Treatment Train 'Water Jet' 2 wagons and water jetting modules (Hat) (RRP £118) . . . . . BARGAIN **£99**
H4-RHTT-005 Rail Head Treatment Train 'Water Jet' 2 wagons and water jetting modules - weathered (Hat) **£126**
H4-RHTT-003 Rail Head Treatment Train 'Water' wagon 3 water modules to extend either RHTT pack to 3 wagons (Hat) (RRP £59)BARGAIN . **£49**



H4-WW-006A Warwell wagon 50t diamond frame bogies M360337 in BR grey (Hat) (RRP £33) . .BARGAIN. £28
H4-WW-005 Warwell wagon 50t diamond frame bogies MODA95534 in MOD 1970s olive (Hat) (RRP £33). . . . . BARGAIN **£28**
H4-WW-003A Warwell wagon 50t diamond frame bogies WW.38 in WD (LNER) (Hat) (RRP £33) . . . . . BARGAIN **£28**



H4-WW-002A Warwell wagon 50t diamond frame bogies WW.52 in WD (LMS) (Hat) (RRP £33) . .BARGAIN. £28

Digital controllers



R8214 DCC Elite unit digital controller (Hor). £243

Point motors

R8243 Surface Mounted point motor (Hor) **£8.50**

Man-made scenic structure - railway-related



89121 27.4 metre (90ft) Motorised turntable - ready for installation. For HO/OO scales. DCC ready (Hel) £210



R083 Pack of 6 Buffer Stop (Hor) £11
R083 Single (Hor). **£2**



R7287 Platform Island x 2 (Hor) NEW. £22.50



R7285 Platform Straight x 2 (Hor) NEW £16.50

Signals

4L-001-003 Signal - Motorised, Round post GWR home (Dap). . . .**£28.48**

Buildings - general



R7290 Bungalow - 'Avalon' (Hor) NEW. £34.50

Man-made scenic structure - non-railway



PO291 Castle Gatehouse - Card kit (Met). £16.50
PO294 Castle Hall - Card kit (Met). . . . . **.£15**

Bridges, Tunnels & Walls

R8008 Grand suspension bridge (Hor). . . . . **.£34**



PO244 Retaining wall in red brick - 4 sections per pack - card kit (Met). £11.50



PO245 Retaining wall in stone - 4 sections per pack - card kit (Met) £11.50

People - civil



36-407 1950s train crew - pack of six (Bac) £8.50

Track - Code 100 Setrack

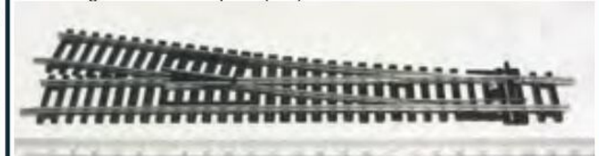
R605 1st radius double curve (8 make a circle) (Hor) **£2.60**
R605 Circle of 8 (Hor). . . . . **.£20**
R606 2nd radius curve (Hor) **£1.80**
R607 2nd radius double curve track (8 make a circle) (Hor) **£2.60**
R607 Circle of 8 (Hor). . . . . **.£20**
R609 3rd radius double curve track (8 make a circle) (Hor). **£2.70**
R609 Circle of 8 (Hor). . . . . **.£20**
R8074 Left hand curved point (Hor). . . . . **.£15**



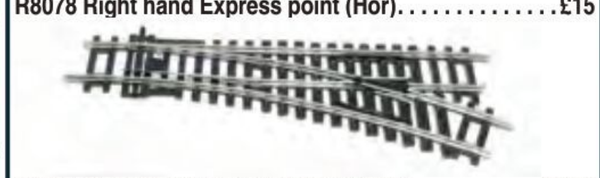
R8077 Left hand Express point (Hor) £15



R8072 Left Hand Standard Point (Hor) £9.50
R8075 Right hand curved point (Hor). . . . . **.£15**



R8078 Right hand Express point (Hor). £15



R8073 Right Hand Standard Point (Hor). £9.50
R621 Single 970mm length of flexible track (Hor) . . . . . **.£4**
R621 Pack of 24 (Hor) . . . . . **.£90**
R8076 Y Point (Hor) . . . . . **.£11**

Track - Code 100 Streamline

SL-92 Left hand small point - insulfrog (Pec) . . . . . **.£10**



SL-88 Right hand large point - insulfrog (Pec) £12.50

Commercial vehicles



76SCV001 Showmans Caravan Maroon (Oxf) £11

OO9 Narrow Gauge

Track - Code 80 Streamline



SL-400 1 yard length of OO9 narrow gauge flexible track worn wooden sleepers (Pec) **£3.50**
SL-400 Box of 25 (Pec) . . . . . **.£86**
SL-404 1 yard length of OO9 narrow gauge track 'mainline' wooden sleepers (Pec) . . . . . **.£4**
SL-404 Pack of 25 (Pec) . . . . . **.£96**

N Gauge

Steam locos



2S-010-005D Class 49xx 'Hall' 4-6-0 4953 "Pitchford Hall" in GWR green GW lettering - as preserved - Digital fitted (Dap). £149.88



2S-007-019 Class 57xx Pannier 0-6-0PT 7754 in National Coal Board green original cab (Dap) £74.38

Diesel locos



2D-003-014D Class 52 'Western' D1034 "Western Dragoon" in BR maroon small yellow panels - Digital fitted (Dap) £135.96



2D-007-011D Class 66/0 66002 in EWS DB branding and six megafret container wagons - Digital fitted (Dap) £220.15



2D-022-009 Class 68 68019 "Brutus" in TransPennine Express (Dap) £119.85

HSTs



2D-019-012 Class 43 HST 4-car book set in East Midlands Railway (ex LNER) red and white - 43251, 43295 and two coaches (Dap). £170

DMUs



ND116C Class 142 'Pacer' 2 car DMU 142025 in Northern Spirit (Dap). £115.18



2D-021-003 Class 156 156403 in Regional Railways express Central Trains branding (Dap) £114.71

Coaches

2P-014-001 Maunsell high window 4 coach set SR olive green - set 193 (Dap) **£106.21**



2P-014-010 Maunsell high window 6 coach set in SR olive green 456 (Dap). £158.91

Track - Code 55 Finescale

SL-302F 1 Yard of Nickel Silver Flexible Track Concrete Sleepers (Pec). . **£3.50**
SL-302F Pack of 30 (Pec) . . . . . **.£99**

O Gauge (1:43 Scale)

Steam locos



7S-006-021 Class 14xx 0-4-2T 1405 in BR black early emblem (Dap) £191.25
7S-006-020S Class 14xx 0-4-2T 1432 in GWR unlined green G W R lettering - DCC Sound Fitted (Dap) **£340**



7S-007-011 Class 57xx 0-6-0PT pannier 7714 in BR black late crest - as preserved (Dap) £199.75



7S-006-010 Class 57xx 0-6-0PT pannier 8784 in GWR green (Dap) £199.75



7S-007-007 Class 57xx 0-6-0PT pannier 9669 in BR black late crest (Dap) £199.75



7S-006-051 Class 58xx 0-4-2T 5809 in GWR green shirtbutton logo (Dap) (RRP £225) . . . .BARGAIN. . . .£174
7S-006-050 Class 58xx 0-4-2T 5811 GWR green Great Western lettering (Dap). **£191.25**



7S-006-052 Class 58xx 0-4-2T 5819 in BR black early emblem (Dap) (RRP £225) . . . . . .BARGAIN. . . .£174



7S-010-012 Class A1X 'Terrier' 0-6-0T 32650 in BR lined black early emblem (Dap) £191.25



H7-A3-003 Class A3 4-6-2 2745 "Captain Cuttle" in LNER black unstreamlined non-corridor tender (Hel) (RRP £750)BARGAIN £579
H7-A3-001 Class A3 4-6-2 2750 "Papyrus" in LNER Grass green unstreamlined corridor tender - "Record Breaker" (Hel) (RRP £750) . . . . . **BARGAIN. £579**



H7-A3-002 Class A3 4-6-2 4472 "Flying Scotsman" in LNER Grass green unstreamlined corridor tender - "Record Breaker" (Hel) (RRP £750) . . .BARGAIN. . .£579

Follow us on @hattonsmodels and /hattonsmodelrailways

Hattons MODEL RAILWAYS

Prices valid until 03/03/21

All prices correct when going to press. Errors excepted.



H7-A3-005 Class A3 4-6-2 60035 "Windsor Lad" in BR green early emblem and unstreamlined non-corridor tender (Hel) (RRP £750) . . . . . .BARGAIN. . . .£579



H7-A3-004 Class A3 4-6-2 60072 "Sunstar" in BR Express blue unstreamlined non-corridor tender (Hel) (RRP £750)BARGAIN £579

H7-A3-006 Class A3 4-6-2 60077 "The White Knight" in BR green late crest and unstreamlined non-corridor tender (Hel) (RRP £750)BARGAIN £579



H7-A3-007 Class A3 4-6-2 60103 "Flying Scotsman" in BR green late crest and unstreamlined corridor tender (Hel) (RRP £750). . . . . .BARGAIN. . . .£579

H7-A3-006A Class A3 4-6-2 unnumbered double chimney, banjo dome and unstreamlined corridor tender in BR green late crest 1958 (Hel) (RRP £750). . . . . .BARGAIN £579

H7-A3-006B Class A3 4-6-2 unnumbered double chimney, banjo dome and unstreamlined non-corridor tender in BR green late crest (Hel) (RRP £750). . . . . .BARGAIN £579

H7-A3-002B Class A3 4-6-2 unnumbered single chimney, banjo dome and unstreamlined non-corridor tender in LNER Grass Green 1934-1948 (Hel) (RRP £750) . . . . . BARGAIN. £579



H7-A4-001 Class A4 4-6-2 2509 "Silver Link" in LNER silver streamlined corridor tender (Hel) (RRP £750)BARGAIN £579



H7-A4-004 Class A4 4-6-2 4489 "Dominion of Canada" in LNER Garter blue steel numbers/letters and unstreamlined corridor tender (Hel) (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" (Hel) (RRP £750) . . . . . .BARGAIN. . . .£579

H7-A4-009 Class A4 4-6-2 60008 "Dwight D Eisenhower" in BR green late crest and streamlined non-corridor tender (Hel) (RRP £750)BARGAIN . . £579



H7-A4-008 Class A4 4-6-2 60009 "Union of South Africa" in BR green late crest and unstreamlined corridor tender (Hel) (RRP £750) . . . . . .BARGAIN. . . .£579

H7-A4-008B Class A4 4-6-2 unnumbered double chimney and streamlined non-corridor tender in BR green late crest 1958-1966 (Hel) (RRP £750)BARGAIN£579

H7-A4-007A Class A4 4-6-2 unnumbered single chimney and streamlined corridor tender in BR green early emblem 1952-1958 (Hel) (RRP £750)BARGAIN . . £579

H7-A4-007B Class A4 4-6-2 unnumbered single chimney and streamlined non-corridor tender in BR green early emblem 1952-1957 (Hel) (RRP £750)BARGAIN £579

H7-A4-006A Class A4 4-6-2 unnumbered single chimney and unstreamlined corridor tender in BR Express blue 1949-1952 (Hel) (RRP £750)BARGAIN . . £579



7S-005-005S Class Y3 Sentinel 4wVB 68164 in BR black early emblem - DCC sound fitted (Dap) £297.50

Diesel locos



7D-008-013 Class 08 shunter 08717 in BR blue (Dap) £191.25

7D-008-013D Class 08 shunter 08717 BR blue - Digital sound fitted (Dap) £339.15



2007 Class 20 in BR Railfreight grey full yellow ends, 1980s style warning flashes and headcode discs - Exclusive to Hatton's (Hel) (RRP £599) BARGAIN. . . . £395



3406 Class 33/0 D6508 "Eastleigh" in BR green - 1990s style (Hel) £466.65



3401 Class 33/0 in Civil Engineers 'Dutch' grey and yellow - unnumbered (Hel). £466.65



4027 Class 50 50015 "Valiant" in BR civil engineers 'Dutch' grey and yellow (1990s Railtour condition) - Exclusive to Hatton's (Hel) (RRP £699) BARGAIN. . . . £495



5505 Class 55 'Deltic' in BR green no yellow ends - unnumbered (Hel). £509.15

Train sets - analogue



GM7000102 "The Didcot Survivor" - premium O gauge starter train set (Gau). £552.50

Wagons



7F-100-007 SR Pill Box brake van S56260 in BR grey (Dap) £68.51



H7-WW-706 Warwell wagon 50t diamond frame bogies M360329 in BR gulf red (Hat) (RRP £85)BARGAIN £69

H7-WW-704 Warwell wagon 50t diamond frame bogies MODA95560 in MOD 1970s olive (Hat) (RRP £85). . . . . .BARGAIN £69



H7-WW-702 Warwell wagon 50t diamond frame bogies WW.55 in War Department (LMS) (Hat) (RRP £85). . BARGAIN. £69



H7-WW-703 Warwell wagon 50t diamond frame bogies WW36 in War Department (LNER) (Hat) (RRP £85) BARGAIN. £69



H7-WW-708 Warwell wagon 50t Gloucester GPS bogies MODA95511 in MOD 1970s olive (Hat) (RRP £85)BARGAIN. . £69

Track - Code 143 Flat Bottom Streamline

SL-700FB 1 Yard O Gauge Flexible Nickle Silver Track (Finescale Flatbottom) (Pec) £7

SL-700FB Box of 12 (Pec). £80

Cars



43RUB004 Austin Ruby Black (Oxf) £17



VA13903 Daimler Double-Six Series 2 Vanden Plas - Coral (Cor) NEW £27



43CCC001A Ford Cortina MkII Crayford Convertible Blue Mink Roof Up (Oxf). £22



VA14300 Ford Escort Mk4 XR3i Diamond White (Cor) NEW .£27



VA13904 Jaguar XJ6 (Series 2) 4.2 - Thames Valley Police (Cor) NEW £27

Any or Multiple Scales

Analogue controllers

TS 3 Track power controller (1 brake simulator) (Gau) £149



Q Quadruple 4 circuit power controller (Gau) £191.25

Analogue point control

PLS-100 SmartSwitch Set for 4 servo control & operation, switches, control board & digital readout for Analogue operation (Pec). £64

PL-55 Turntable control motor - for use OO and N scale Peco turntable kits (Pec). £54

Digital decoders

DCR-21Pin-Direct-V2 21-pin 6-function 1.1Amp direct plug decoder back EMF (Hat). £16.50

DCR-6PIN-Direct 6-pin 2-function 1.1Amp direct plug decoder back EMF (Hat). £17

DCR-8PIN-HarnessMini 8-pin (harness) 2-function 1.1Amp small & thin (mini) decoder back EMF (Hat) £16

DCR-8PIN-HarnessMini Box of 5 (Hat). £72

DCR-8PIN-HarnessMini Box of 10 (Hat). £128

R8249 8-pin 4-function 2-sided 0.5A (1A peak) decoder (Hor) £16

R8249 Box of 6 (Hor) £92



DCR-8PIN-Direct Box of 10 8-pin compact direct 4-function 1.1Amp decoder back EMF (Hat) £136

DCR-8PIN-Direct Single (Hat). £17

DCR-8PIN-Direct Box of 5 (Hat) £77

DCR-SND-66 Class 66 digital Sure Sound chip Rail Rumble speaker 65mm x 29mm x 14mm (Hat). £130

R8102 TTS DCC Sound Decoder 8 pin plug - Class 37 diesel (Hor). . **£38**



R8106 TTS DCC Sound Decoder 8 pin plug - Gresley Class A1 and A3 4-6-2 steam locos (Hor). £39

Digital controllers



DCC06 Prodigy Express 1.6 Amp Digital controller WiFi capability - complete starter pack (Gau) £267.50

Digital control accessories

BPDCC80 Pack of three DCC autofrog polarity reversal switches - for electrofrog points (Gau) £17

524-037 SB5 5 amp Power Booster DCC system for use Power Cab controller (NCE) £184

Point motors

PM-2 Seep point motor (Gau) £3.50

PM-2 Pack of 6 (Gau). £20

PM-1 Seep point motor accessory switch (Gau) £5

PLS-130 SmartSwitch SmartFrog (Pec). £11



HAT-PM-01 Solenoid point motor including pin extension and 2-way arm for use points and signals. Exclusive to Hatton's (Hat) £6.50

HAT-PM-01 Pack of 6 (Hat) £35

PL-1000 Twistlock turnout point motor (Pec) £11.50

PL-1000 Pack of 6 (Pec) £66

Publications - model and prototypical railways



Heljan2021Catalogue Heljan 2021 range catalogue - includes OO, O and OO9 items (Hel) NEW. £3

Hattons · MODEL RAILWAYS ·

SELL YOUR PRE-OWNED LOCOS AND ROLLING STOCK

SELL yours today at www.hattonsmodelmoney.com

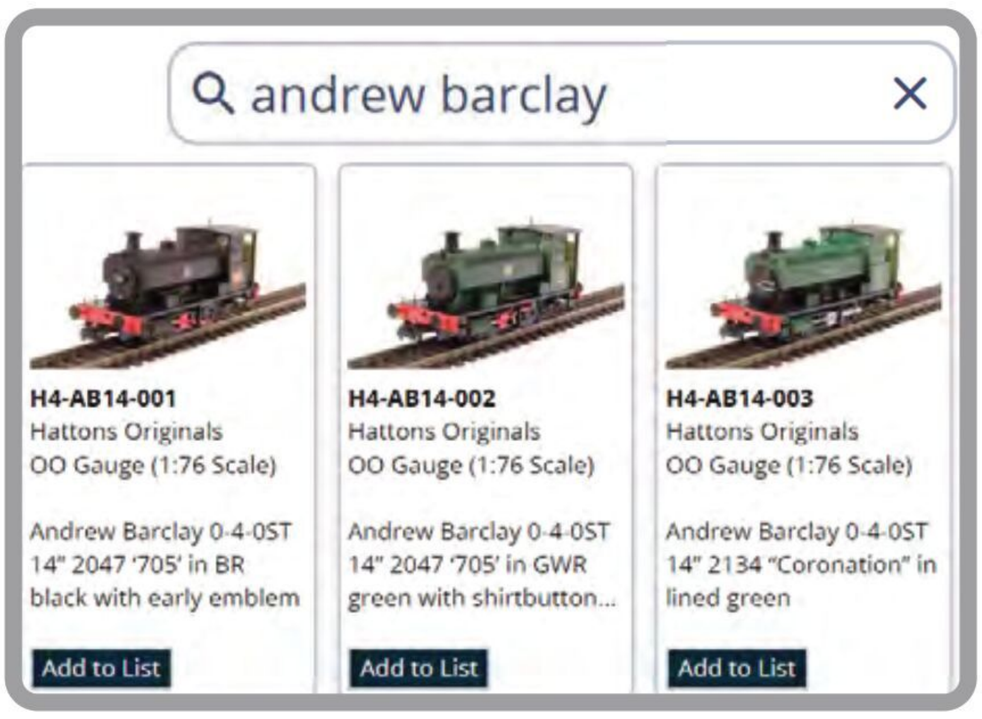
Get cash for your items in just four easy steps...

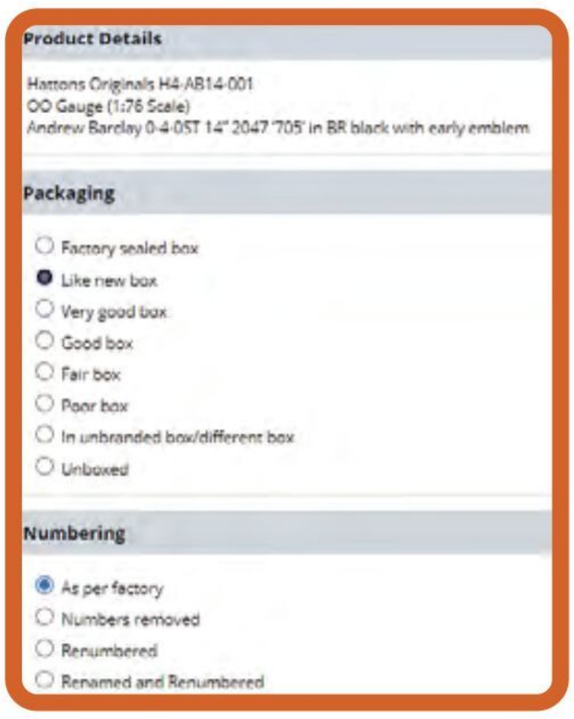


1. List

Submit your items online at:
www.hattonsmodelmoney.com
alternatively via email or post.

Utilise our extensive product database and preset item conditions to quickly and easily compile your list.

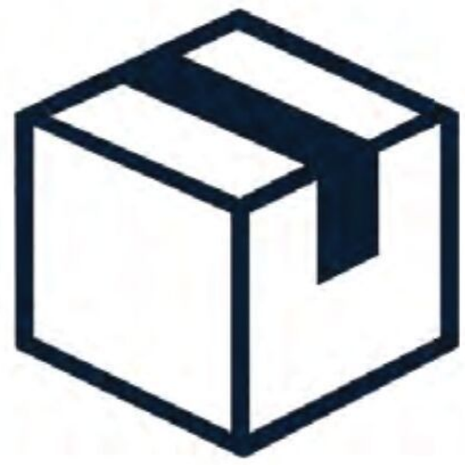






2. Offer

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**.

*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

17 Montague Road,
Widnes WA8 8FZ
Phone opening times:
Mon to Sun 9am - 5pm

Call us on 0151 305 1755
or email preowned@hattons.co.uk

ALL brands purchased, including:

FOR CASH



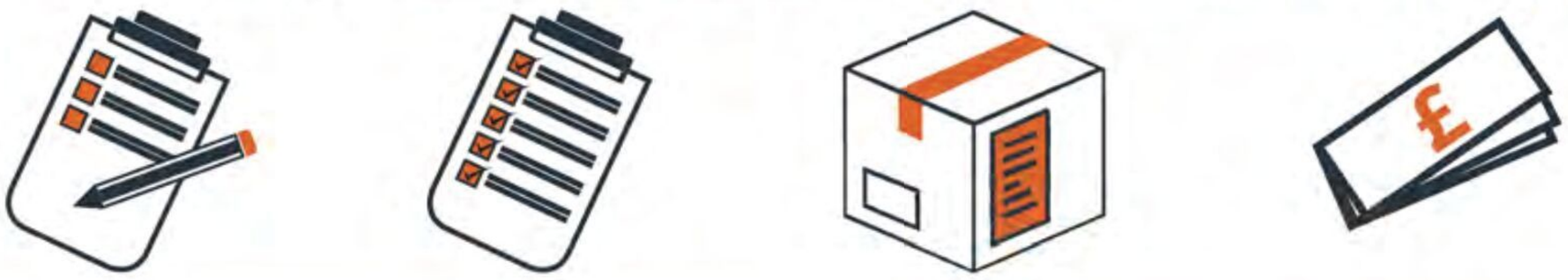
BUY pre-owned items online at hattons.co.uk/latestpreowned



So why choose Hattons?

- 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

Submit your list and track your valuation online by visiting www.hattonsmodelmoney.com

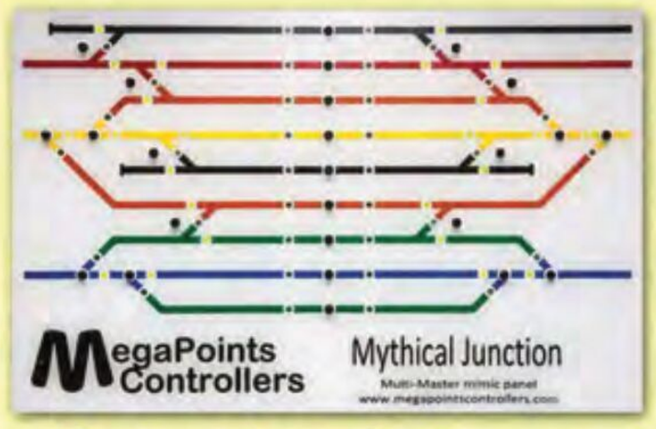


HORNBY® PECO BACHMANN EUROPE Plc HELJAN dapol

GAUGEMASTER Lima MAINLINE RAILWAYS GRAHAM FARISH by BACHMANN

MegaPoints Controllers

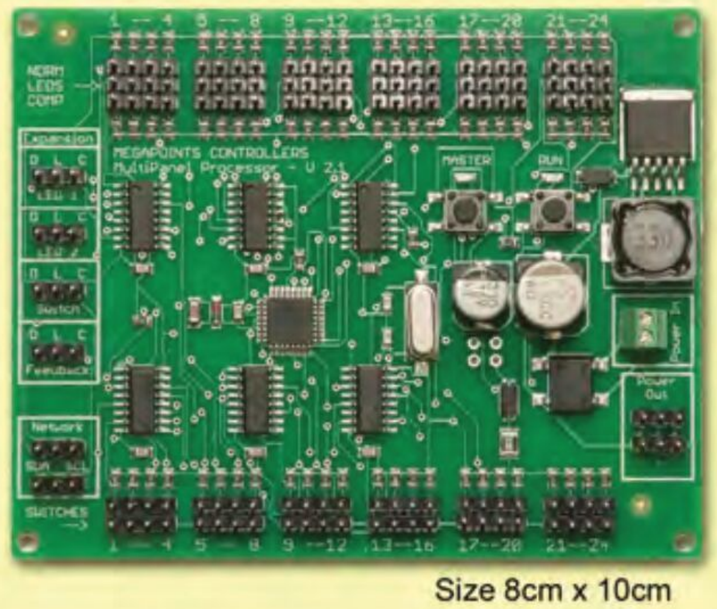
Awesome layout control system



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

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.

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

Web & details: megapointscontrollers.com

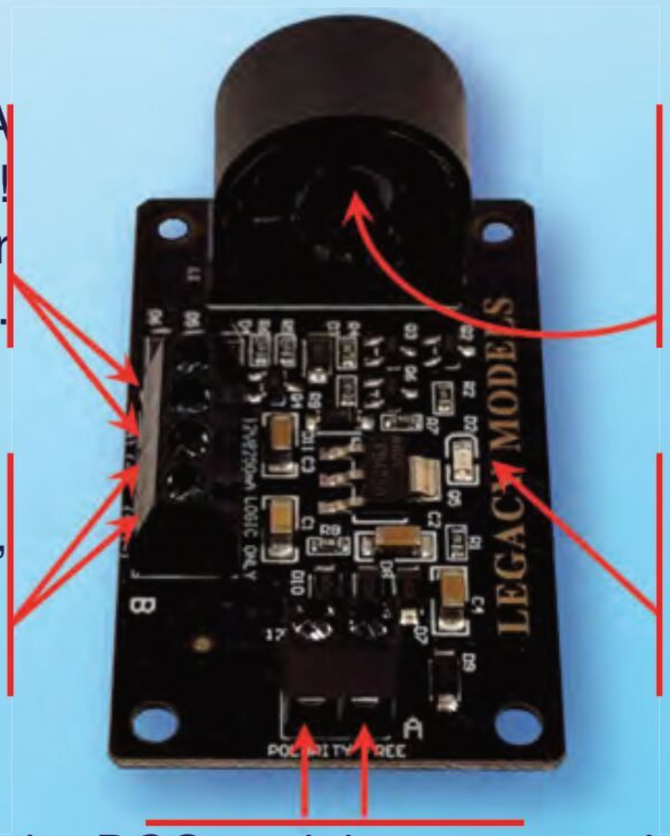
Rev 17-04

LEGACY MODELS
LM-iD
Intelligent Inductive Detector

DCC concepts — thinking outside the square

Easy to install, even easier to understand and ready to do almost anything.

Designed from the ground-up for the user, not to suit a technophile... Designed to be simple to install & easy to use.
Designed to take away problems & to do things that other detectors just cannot do, no matter how expensive they are.
Designed for modellers that just want to get on with operating trains without the need to learn a whole new language.



Only LM-iD has high power 12v DC 250mA ready to use high-power outputs like this! Use them to power Relays, DC motors or anything else that may need more power.

Logic ~ low level outputs. Use them to power LEDs, give system feedback OR change turnouts etc.

Loop one track-bus dropper wire through here, wrapping it round 1x turn. Then, just connect that dropper to the isolated track section that you want the LM-iD to detect.

Onboard LED to help you confirm LM-iD operation during the set-up stage so it always works first time.

ADD power here from the DCC track bus or a regulated DC power supply.

DCC concepts — thinking outside the square

Ph +44 (0) 1729 821 080 * sales@dccconcepts.com * www.dccconcepts.com

GAUGEMASTER
Digital Control

WHICH PRODIGY CONTROLLER?

Prodigy is compatible with most other DCC systems and manufacturers' DCC Decoders. It's strength is *'simplicity without compromise'* and Prodigy systems can grow with your layout, allowing you to use the system at a level appropriate to you, your layout, and style of operation. All Prodigy Walkaround Controllers have backlit displays as standard.

Prodigy Express consists of a Base Station, Walkaround Controller, and Power Supply and is an ideal entry level system for a newcomer. Extra features can be unlocked by using the **DCC14 Prodigy Advance Walkaround Controller**.

Prodigy Advance2 is our best selling DCC Controller. It consists of a Base Station, Walkaround Controller, and a Power Supply, and is suitable for operating most sizes of model railway.

Prodigy Wireless offers all the features of the **Prodigy Advance** unit but this system offers you wireless control, giving you maximum freedom to operate your layout. Its rechargeable handset and radio transmission ensures easy and reliable performance.

DCC CONTROLLER STARTER PACKAGES

DCC01 Prodigy Express Starter Package
Most Suited for HO/OO/N Scale Layouts



BEST FOR
Beginners

- **INPUT:** 15-16V regulated DC at 2 amps
- **OUTPUT:** DCC Signal with 14.5V amplitude
- **MAXIMUM CURRENT:** 1.6 amps
- **MAXIMUM NUMBER OF WALKAROUNDS:** 20
- **ADDRESS CAPABILITY:** 2 Digit or 4 Digit
- **SPEED STEPS:** 14/28/128
- **ACCESSORY FUNCTIONS:** 28 (F0 to F28)
- **DOUBLE HEADING**
- **PROGRAM & MAIN TRACK PROGRAMMING**
- **"READ LOCOMOTIVE" CAPABILITY**

DCC02 Prodigy Advance2 Starter Package
Most Suited to HO/OO/N Scale Layouts



BEST FOR
General Layouts

- **INPUT:** 15-14V DC 3.5 amps
- **OUTPUT:** DCC Signal with 14.5v amplitude
- **MAXIMUM CURRENT:** 3.5 amps
- **MAXIMUM NUMBER OF WALKAROUNDS:** 99
- **ADDRESS CAPABILITY:** 2 Digit (1-127) or 4 Digit (1-9999)
- **SPEED STEPS:** 14/28/128
- **ACCESSORY DECODER AND ROUTE SETTING**
- **DOUBLE HEADING**
- **PROGRAM & MAIN TRACK PROGRAMMING**
- **"READ LOCOMOTIVE" CAPABILITY**

DCC04 Prodigy Advance Wireless Starter Package
Most Suited to OO/HO/N Scale Layouts



BEST FOR
Large Layouts

- **ALL THE FEATURES OF DCC02 PRODIGY ADVANCE**
- **WIRELESS RADIO CONTROL** (UK Approved)
- **OUTSTANDING RANGE** (80ft Plus)
- **BUILT-IN RECHARGABLE BATTERY**
- **BATTERY CHARGE LEVEL INDICATOR**
- **OPERATES WIRED & WIRELESS WALKAROUNDS**
- **PROGRAM & OPERATE WHILE CHARGING**
- **FREEDOM & MOBILITY DURING OPERATION**



DCC80 DCC Autofrog

The DCC Autofrog is a simple switch that automatically changes the frog polarity of your electrofrog point.
With the frog powered by the DCC80 it will automatically detect the incoming polarity of the wheels and switch the frog to match.
The DCC Autofrog is available as a single item, and also as a handy pack of three.



DCC05 Prodigy WiFi

This unit allows you to run your Prodigy-powered layout from your phone or tablet, using one of the recommended apps on Android or IOS. The Prodigy WiFi is compatible with the JMRI Engine Driver and WiThrottle apps.
The Prodigy WiFi is also available as a starter pack, combined with a Prodigy Express under part number **DCC06**.
See our website for articles showing how to use the two apps which are compatible with the Prodigy WiFi on your specific operating system.
Android: JMRI Engine Driver
iOS: WiThrottle

DCC40 Auto Reverse Module



This useful module allows digital modellers to overcome a problem that faces most railway modellers at some point: how to operate a reverse loop or turntable on their layout without needing to change the polarity on the track.

Find us on Facebook:
@Gaugemaster
Follow us on Twitter:
@Gaugemaster
Follow us on Instagram:
@gaugemaster_controls

Controllers & Handsets		
DCC01	Prodigy Express Package	**£215.00**
DCC02	Prodigy Advance2 Starter Package	**£365.00**
DCC04	Prodigy Advance2 Wireless Starter Package	**£535.00**
DCC05	Prodigy WiFi	**£115.00**
DCC06	Prodigy Express WiFi Digital Control System	**£315.00**
DCC13	Prodigy Advance2 Wireless Walkaround	**£215.00**
DCC14	Prodigy Advance2 Backlit Walkaround	**£165.00**
DCC51	Prodigy Wireless Conversion Set	**£285.00**
Accessories		
DCC11	Prodigy Extension Plate	**£45.00**
DCC30	Prodigy DCC Accessory Decoder for 4 Accessories	**£39.95**
DCC32	Point Motor Decoder w/CDU 4 Way (Twin Pack)	**£85.00**
DCC49	Prodigy DCC Booster Unit (8 Amp)	**£225.00**
DCC55	Prodigy Advance Wired Computer Interface	**£60.00**
DCC60	Spare Plug for Gaugemaster Prodigy	**£4.50**
DCC62	Prodigy Universal Lead (2m)	**£6.50**
DCC63	Prodigy Advance Power Supply Unit	**£25.00**
DCC64	Prodigy Power Pack Lead	**£7.50**
DCC65	Prodigy Express Power Supply Unit	**£25.00**
DCC66	Controller Caddy Walkaround Holder	**£7.50**
DCC71	Prodigy DC Adaptor Plate/Decoder Tester	**£11.25**
DCC77	Prodigy Walkaround Adaptor	**£11.25**
DCC80	DCC Autofrog	**£7.50**
BPDCC80	DCC Autofrog (Pack of 3)	**£20.00**
DCC81	Standard Point Motor Decoder w/CDU	**£18.00**
BPDCC81	Standard Point Motor Decoder w/CDU (3)	**£50.00**

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
tel - 01903 884488 fax - 01903 884377 email - sales@gaugemaster.com

www.gaugemaster.com

Finescale O Gauge NEWS

ellisclarktrains.com

EllisClark TRAINS



Ellis Clark Trains

PRESFLO WAGONS

Pre-order with no deposits!

DUE Q1 2021

£69.99 each

Multi-buy discounts available
Multiple liveries & types

For full details visit **ellisclarktrains.com**

Darstaed

THOMPSON COACHES

Pre-order with no deposits!

Finely detailed brass sides ◆ Professionally painted
Super detailed interiors w/lights ◆ Fully detailed metal chassis



DUE Q4 2020

£229 each

Multi-buy discounts available
Multiple liveries & types

DARSTAED MK1 RERUN now in stock



DARSTAED MK1 SUBURBANS now in stock



Ellis Clark Trains
Unit 2 Toller Court
Shortbank Road
Skipton BD23 2HG

ellisclarktrains.com ◆ 01756 701451 ◆ ellis@ellisclarktrains.com

Ellis Clark
TRAINS

Ellis Clark Trains
Unit 2 Toller Court
Shortbank Road
Skipton BD23 2HG

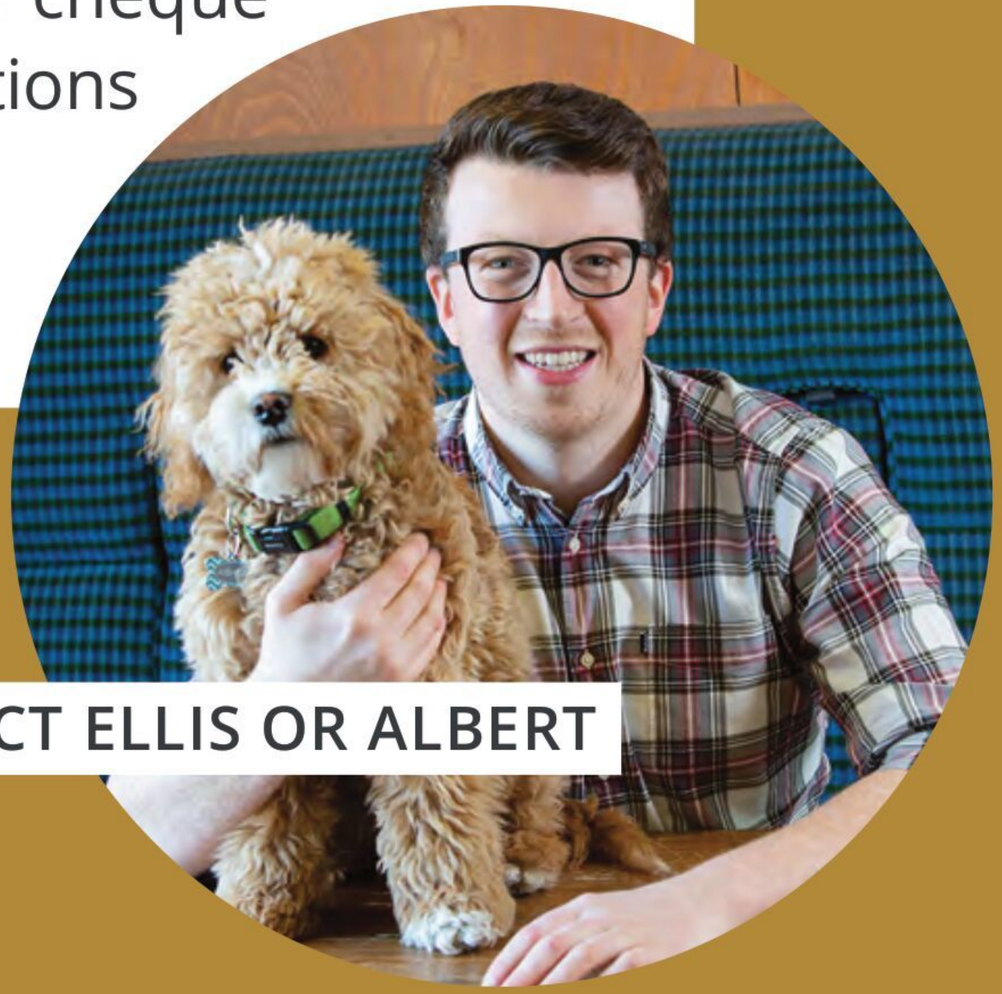
ellisclarktrains.com



LOOKING TO SELL YOUR COLLECTION?

We highly value your models

- Full/part collections purchased
- No need for a list - we travel and view/collect
- Everything purchased - railways, die-cast & Railwayana
- All gauges and ages, including continental & US
- Upfront payment by cash, bank transfer or cheque
- Vast experience in purchasing large collections
- Friendly and professional service
- Specialised interest in 7mm O gauge



GET IN TOUCH

ellisclarktrains.com
01756 701451
ellis@ellisclarktrains.com

THEMODELTRAINCENTRE.COM



Graham Farish 370-160
Castle Pullman Sound fitted train set **£337.46**

THE MODEL TRAIN CENTRE





Bachmann 31-004A Robinson O4.....**£134.95**
Bachmann 31-676A Class 85 BR Electric Blue **£179.95**
35-526 Class 121 DMMU BR Blue **£149.95**
32-575A Ivatt Class 4MT LMS Black **£139.95**

DCC concepts thinking outside the square **APPROVED DEALER**

Track cutter DCT-XTC.....**£12.00**
Wiper Pickups DCP-WP12 ..... **£15.95**
Cobalt IP Digital Point Motor (12 pack) **£266.95**
LM-iD.1 Legacy Models Intellegent Detector..... **£17.95**
DCD-ZNMini.4 4 function 8 pin harness decoder **£23.95**
DCP-CBSS-2 Cobalt SS Controller + Accessories **£59.95**
DCF-BR.OO OO Gauge Bearing Reamers **£12.95**
DCD-ZNM.HP.6 Zen Black 6 function midi-decoder **£27.95**



Hornby R3942 BR Class 9F 92219 .....**£99.95**



Hornby R301 Class 60021 Colas Rail **£164.95**



Hornby R4893C ScotRail Standard Open Mk2F 6183 .....**£32.95**



R3406 J50 Class 0-6-0.....**£67.95**

STOCKISTS OF...

HORNBY · METCALFE · DCC concepts · BACHMANN BRANCH-LINE · GRAHAM FARISH by BACHMANN · WOODLAND SCENICS · HELJAN · Humbrol · SCENECRAFT · accurascale OFFICIAL STOCKIST

The Model Train Centre @modeltraincntr

DMU Upgrade Service:
www.themodeltraincentre.com/servicing/

OPEN: Monday-Saturday 9am till 4pm

THE MODEL TRAIN CENTRE
Clarks Hardware, 96-104 Every Street,
Nelson, Lancashire BB9 7LS

CALL: 01282 601488

Shop on our website and earn loyalty points with every purchase.

see the full range of kits and building papers at...

www.superquick.co.uk



Fine OO/HO detail from...

SUPERQUICK MODEL KITS

Available from all good model shops & online NOW!

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 12 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 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



We regularly attend railway shows countrywide. Please check website for details

15 Clifton Street, Lincoln LN5 8LQ

01522 527731

www.digitrains.co.uk

enquiries@digitrains.co.uk

TMC
The MODEL CENTRE

WE'VE EXTENDED OUR JANUARY SALE - FULL RANGE ONLINE!

Bargain prices, don't delay buy now before it's too late!

Free postage available on our website



38-802 Bachmann Ransomes & Rapier 45T Steam Breakdown Crane

£187.46 Regular Price £249.95





32-532ASF Bachmann Class 55 'Deltic' 55003 'Meld' BR Blue - Sound Fitted

£202.46 Regular Price £269.95



31-520SF Bachmann OO Gauge Class 159 3-Car DMU 159013 BR Network SouthEast (Revised) - Sound Fitted

£322.46 Regular Price £429.95



32-176 Bachmann OO Gauge LMS 5MT 'Crab' with Welded Tender 42765 BR Lined Black (Early Emblem)

£79.74 Regular Price £144.95



32-650DS Bachmann OO Gauge Class 44 D3 'Skiddaw' BR Green (Small Yellow Panels) - Sound Fitted

£183.71 Regular Price £244.96



32-485SF Bachmann Class 40 Centre Headcode D365 BR Green

£209.21 Regular Price £278.95



34-328A Bachmann OO Gauge LMS Stanier 50ft Full Brake - Weathered

£17.08 Regular Price £37.96



32-529C Bachmann Class 55 'Deltic' D9010 'The King's Own Scottish Borderer'

£134.96 Regular Price £179.95



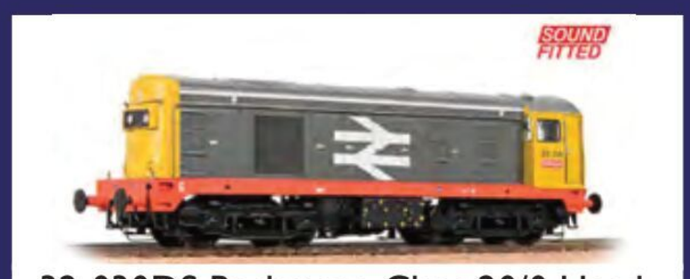
32-529C Bachmann Class 55 'Deltic' D9010 DCC Sound Fitted

£229.45 Regular Price £269.95



32-442 Bachmann OO Gauge Class 24/1 24137 BR Blue

£119.96 Regular Price £159.95



32-030DS Bachmann Class 20/0 Headcode Box 20156 - Sound Fitted

£176.21 Regular Price £234.95



E85010 EFE Rail LSWR Beattie Well Tank with Square Splashers 30586

£104.96 Regular Price £139.96



32-532A Bachmann OO Gauge Class 55 'Deltic' 55003 'Meld' BR Blue

£134.96 Regular Price £179.95



32-532ASF Bachmann Class 55 'Deltic' 55003 'Meld' BR Blue - Sound Fitted

£202.46 Regular Price £269.95



372-250 Graham Farish N Gauge Class 47/4 47436 BR Blue (Large Logo)

£108.71 Regular Price £144.95



370-430 Graham Farish N Gauge Capital Connection Train Pack

£157.46 Regular Price £209.95



372-248 Graham Farish N Gauge Class 47/4 47550 'University of Dundee' BR

£108.71 Regular Price £144.95

www.themodelcentre.com t. 01947 899125

Hill Farm, Beck Hole, Whitby, YO22 5LF



35-501 Bachmann OO Gauge Class 117 3-Car DMU BR Blue & Grey

£229.99 Regular Price £314.95





35-526 Bachmann OO Gauge Class 121 Single-Car DMU BR Blue & Grey

£116.20 Regular Price £154.96



38-118 Bachmann OO BR 102T TEA Bogie Tank Wagon 'Shell' Weathered

£44.96 Regular Price £59.95



32-027B Bachmann OO Gauge Class 20/0 Disc Headcode D8011

£104.96 Regular Price £139.96



E85012 EFE Rail OO Scale LSWR Beattie Well Tank 3298 SR (Preserved)

£104.96 Regular Price £139.96



32-392RJ Bachmann OO Gauge Class 37/5 37685 BR InterCity

£118.96 Regular Price £169.96

Also Available with Sound **£181.96**



32-778RJ Bachmann OO Gauge Class 37/0 37275 Stainless Pioneer

£125.95 Regular Price £179.95

Also Available with Sound **£188.95**



R3737 Hornby OO Gauge BR A4 Class 4-6-2 60022 'Mallard' - Era 4

£143.99 Regular Price £179.99



Accurascale HUO OO Scale 24.5T Coal Hopper Wagons Packs F-K

£47.95 Regular Price £59.95



38-740 Bachmann OO Gauge War Office 'Parrot' WD with Sheeted Tank Load

£42.71 Regular Price £56.95



38-776Z Bachmann OO Gauge 20 Ton Anchor-Mounted Tank Wagons Gulf (3)

£52.45 Regular Price £74.95



38-191X Bachmann OO Gauge Insulated Ale Van BR White Factory Weathered

£12.55 Regular Price £17.95



38-191Y Bachmann OO Gauge Insulated Ale Vans Factory Weathered (3)

£38.45 Regular Price £54.95



37-095A Bachmann OO Coal Trader' 7 Plank Private Owner Weathered (3)

£29.98 Regular Price £59.95



38-825Z Bachmann OO Double Bolster Wagon Freight Brown Livery B920055

£18.70 Regular Price £24.95



38-827Z Bachmann OO Plate Wagons Twin Pack Freight Grey

£39.95 Regular Price £49.96



38-855Z Bachmann OO Gauge Plate Wagon Freight Grey E239992

£19.96 Regular Price £24.95



371-289 Graham Farish N Gauge Class 55 'Deltic' D9001 'St. Paddy' Weathered

£116.21 Regular Price £154.96



371-651A Farish N Gauge Class 57/0 57008 'Freightliner Explorer' Weathered

£94.21 Regular Price £154.96



373-811 Farish N Gauge HKA Hopper 'National Power' Blue Weathered

£39.95 Regular Price £49.96

www.themodelcentre.com t. 01947 899125

Hill Farm, Beck Hole, Whitby, YO22 5LF

HAMPSHIRE MODELS

OPEN:
Monday - Friday
9am-4pm

T: **01256 406604** · E: **enquiries@hampshiremodels.co.uk**
Unit 29, Basepoint Business Centre, Stroudley Road, Basingstoke RG24 8UP

FOR ALL YOUR MODELLING NEEDS

from 'N' GAUGE through to 'O' GAUGE, both new and pre-owned

PECO · GRAHAM FARISH by BACHMANN · GAUGEMASTER · PIKO · METCALFE · FLEISCHMANN · Roco · dapol · HORNBY



www.hampshiremodels.co.uk



BACHMANN AUTHORISED N-GAUGE REPAIRS SPECIALIST

Recommended by B.R. Lines, I have modelled in N Gauge for the past twenty years and have always carried out my own repairs and fitted my own DCC Decoders.

I pride myself on giving a friendly and professional service, providing help and advice as needed for Bachmann Farish and Poole Farish N Gauge locomotives.

Email: **lprails20@gmail.com** | **www.lprails.co.uk**

HARBURN HOBBIES EDINBURGH SCOTLAND

www.harburns.uk

P&P £3.00 per order

Harburn Hobbies, 67 Elm Row, Edinburgh EH7 4AQ
Tel. 0131 556 3233 Email: sales@harburns.uk

Harburn '0' gauge Specials – L.G.W. grain wagons

New! BR era wagons which ran through into the 1970s

dapol

3 numbers produced
105 - 124 - 168
£59.99 each



No.105 No.124 No.168

Ceramic mug



"First Class Dad" £5.99

Metal Signs £5.99 each





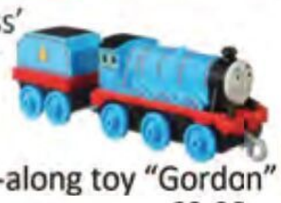
Jigsaw (500 pc) TFL London Underground Map £8.99

Jigsaw (1000 pieces) 'Highland Hike' £14.00



'Kate the Station Mistress' Teddy Bear £16.95





Push-along toy "Gordon" £9.99

Classic Cushions of the 'Big Four' £14.95 ea



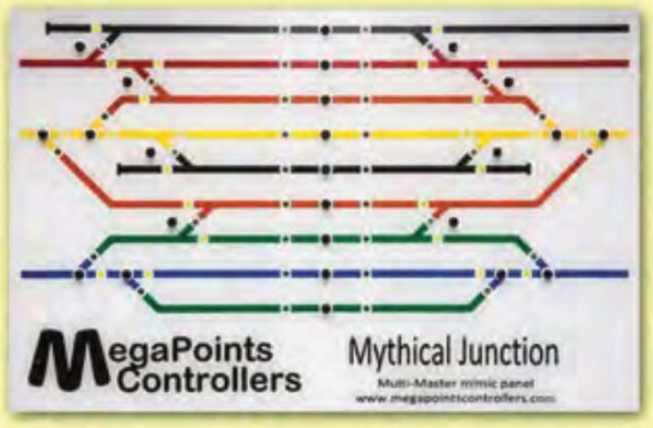
Other railway bears are available!

Our webshop has grown LARGER. Go on... take a look!

www.harburns.uk

MegaPoints Controllers

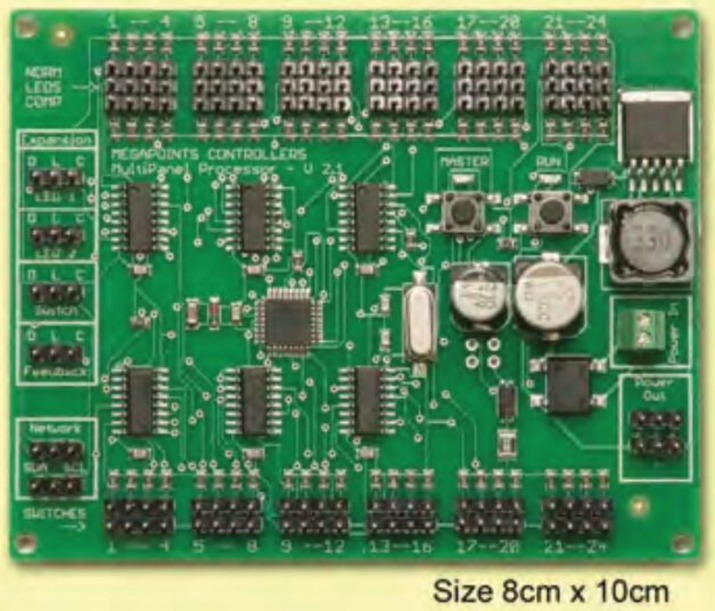
Awesome layout control system



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

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.

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

Web & details: megapointscontrollers.com

Rev 17-04

HORNBY®

iTRAVELER 6000

R1271M

App Circuit Control Train Set



HM 6000

APP CIRCUIT CONTROL

The 21st Century control system for today's 12vDC model railway.

Control literally at your fingertips.

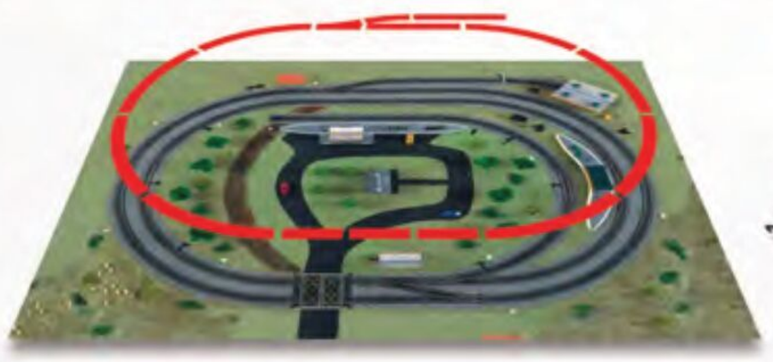




The iTraveller 6000 Train Set is the...

Model railway of the future!

This set features a train inspired by cutting edge technology. Everything needed to get started with model railways is in the box including a locomotive, rolling stock and track as well as Hornby's new controller system the HM 6000 which allows the locomotive to be controlled using mobile devices (not included) via a downloadable app.







8 PIN CONNECTION

Models may vary from those illustrated.

SET CONTENTS:

ROLLING STOCK

0-4-0 Diesel Shunter Locomotive, Satelite, Open Wagon, LWB Tanker, LWB Closed Van

TRACK & ACCESSORIES

3rd Radius Starter Oval, with Track Pack A (includes point and buffer)
HM 6000 Module (R7292), Transformer (P9100W), Power Connecting Track (R8206), Hornby MidiMat (1600 x 1180mm), Re-Railer

For more information please visit your local Hornby stockist or go to: www.hornby.com

www.facebook.com/officialhornby

www.twitter.com/hornby

www.instagram.com/officialhornby

www.youtube.com/HornbyModelRailways

LOCOMOTION MODELS

L&NWR LOCO SETS A PRECEDENT

EXCLUSIVE MODELS

PRE-ORDER NOW!
ONLY £30 DEPOSIT
DCC READY £220.00
(+£7.50 courier)

EXPECTED SUMMER 2021



London & North Western Railway Improved Precedent Class 2-4-0 No. 790 'Hardwicke' is part of The National Collection and is currently on display at Locomotion, Shildon.

IN PARTNERSHIP WITH RAILS LIMITED & BACHMANN BRANCH-LINE

Some accessory parts may require fitting by customer.

Visit **locomotionmodels.com** our online store for details and more
Locomotion, Shildon DL4 2RE **Tel: 01904 685785**

MODELS FEATURED
00 GAUGE

FIND US ON:

The National Collection in Miniature

Visit the Locomotion Museum Shop for: dapol Model Railway Company · GRAHAM FARISH · BACHMANN BRANCH-LINE · HORNBY · OXFORD · WOODLAND SCENICS

All prices and offers are subject to change without notice

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

MODEL RAILWAYS ONLINE

01775 630385 / 07723 336344

email: usedmodelrailway@gmail.com

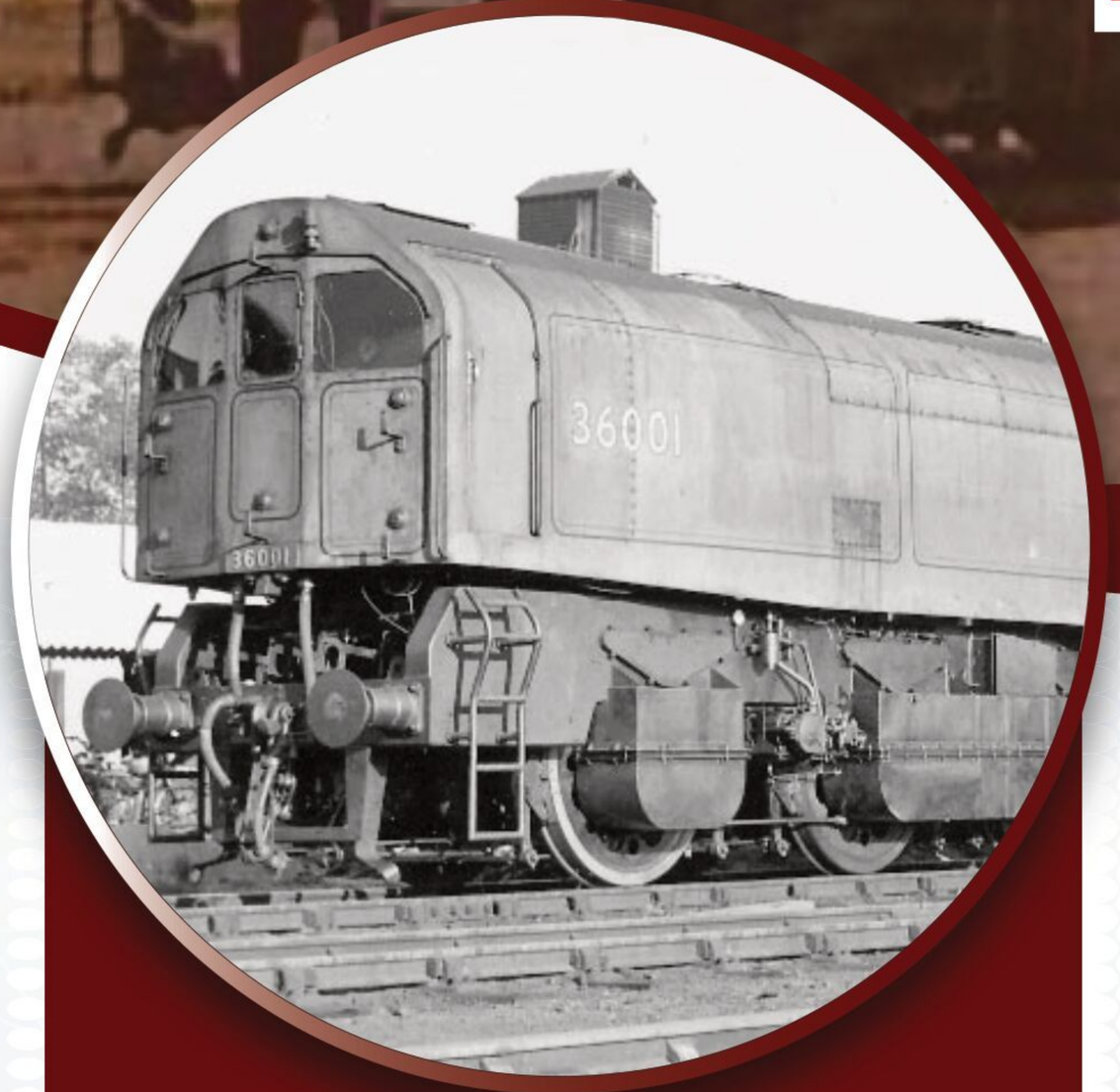
Woodgate Cottage, New Road, Deeping St Nicholas, Spalding, Lincolnshire PE11 3DU

KRModels

SR/BR Leader

You asked for it, and we're going to make it !!!

Available to order NOW



We proudly announce that we will be producing the SR/BR Leader Class model. Designed by Oliver Bulleid. The Leader was a class of experimental 0-6-0+0-6-0 articulated steam locomotive, 5 were planned but only one was completed, and was produced in the United Kingdom. It looked like a 'new' generation of diesel but was actually a steam powered loco. The Leader project was part of Bulleid's desire to modernise the steam locomotive based on experience gained with the Southern Railway's fleet of electric stock,

Model Specification

- 21-pin DCC socket with easy access.
- Directional LED Lighting.
- Heavy die-cast metal chassis with central motor and flywheels giving powerful performance.
- Etched grilles.
- Sprung buffers.
- Flush glazing.
- Available in OO Gauge.
- Available in prototype brushed Aluminium and BR Black Early Crest
- DCC Ready **£185.00**, DCC Fitted **£215.00** and DCC Sound **£285.00.**
- LokSound v5.0 sound decoder

Pre-orders now being taken, head to our website

ESU

www.krmodels.co.uk

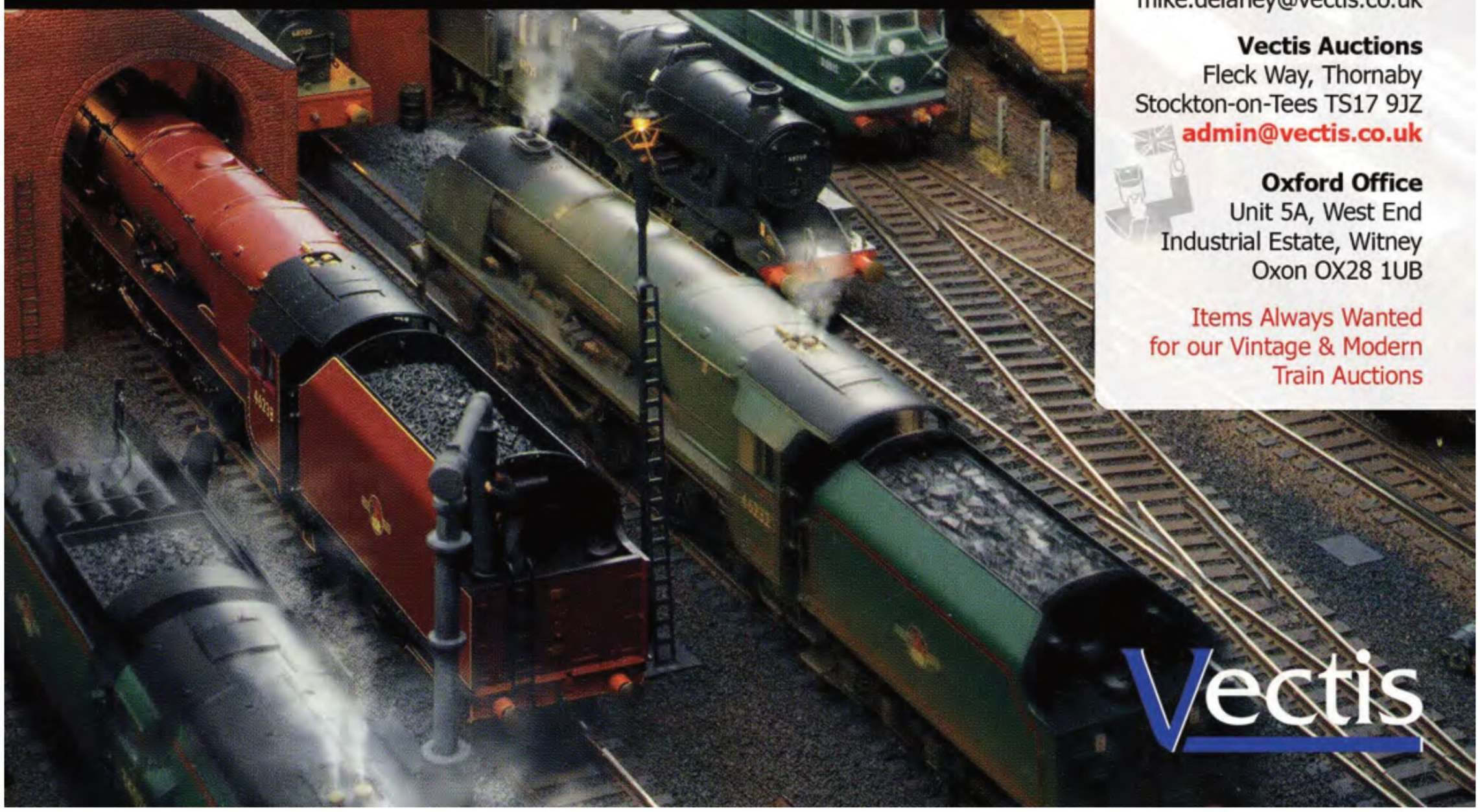
Model Train Sales

Friday 26th February & Friday 26th March 2021

10.00am start - Live internet bidding at www.vectis.co.uk & www.invaluable.com

PLEASE NOTE DUE TO THE COVID-19 RESTRICTIONS

There will be no viewing or attendance in person at auctions for the foreseeable future.



Contact Michael Bond
01642 750616
michael.bond@vectis.co.uk

Mike Delaney
01993 709424
mike.delaney@vectis.co.uk

Vectis Auctions
Fleck Way, Thornaby
Stockton-on-Tees TS17 9JZ
admin@vectis.co.uk

Oxford Office
Unit 5A, West End
Industrial Estate, Witney
Oxon OX28 1UB

Items Always Wanted
for our Vintage & Modern
Train Auctions



DCC TRAIN AUTOMATION



THE FIRST STOP ON YOUR JOURNEY TO MODEL RAILWAY DIGITAL CONTROL SOLUTIONS



NEW READING MATERIAL FOR 2021!

iTrain offers an easy to use solution to control your model railroad with your computer(s) especially if you want to automate just specific parts of your layout keeping manual control of the rest. For example, automatic block control avoids collisions and you control which train is driving manually or fully automatically according to a selected route.



DIGIKEIJS DR5000-ADJ DCC MULTI-BUS CENTRAL



£177.84 inc. VAT

Digital DCC System
- 3.5Amp - Program Track
- LocoNet-T - LocoNet-B
- R-Bus - S88N - WiFi - LAN

8 PACK MP1 POINT MOTORS WITH DIGIKEIJS DR4018 ACCESSORY DECODER



£139.95 inc. VAT

MP1 Point Switch Model railway motor switch Model railway motor switch MP1

DIGIKEIJS DR4024 BOX COMPLETE SET

£57.02 inc. VAT



Includes 1x servo decoder, 4x mini servo and 4x 50cm extension cable

DIGIKEIJS DR4088 RB-CS_BOX RBUS COMPLETE STARTER KIT WITH 32 REPORTING POINTS



£103.09 inc. VAT

Feedback module startkit with 32 Integrated occupancy detectors

digikeijs®
UK DISTRIBUTORS

01823 429309 **info@dcctrainautomation.co.uk**

www.dcctrainautomation.co.uk

SELL WITH ANORAKS ANONYMOUS - THE BIGGEST COMPANIES DON'T ALWAYS OFFER THE BEST PRICES!

WE WANT YOUR MODEL RAILWAYS



NORTH AMERICAN RAILWAY SPECIALISTS







BRITISH

EUROPEAN

AMERICAN

- Full & part collections purchased
- Willing to travel to collect or view
- Same day payment – cash or bank transfer
- Everything considered, in any condition - large collections sought after

CONTACT US

01302 371623 / 07526 768178

anoraksanonymous@googlemail.com

PREOWNED SHOWROOM NOW OPEN!

See website for details

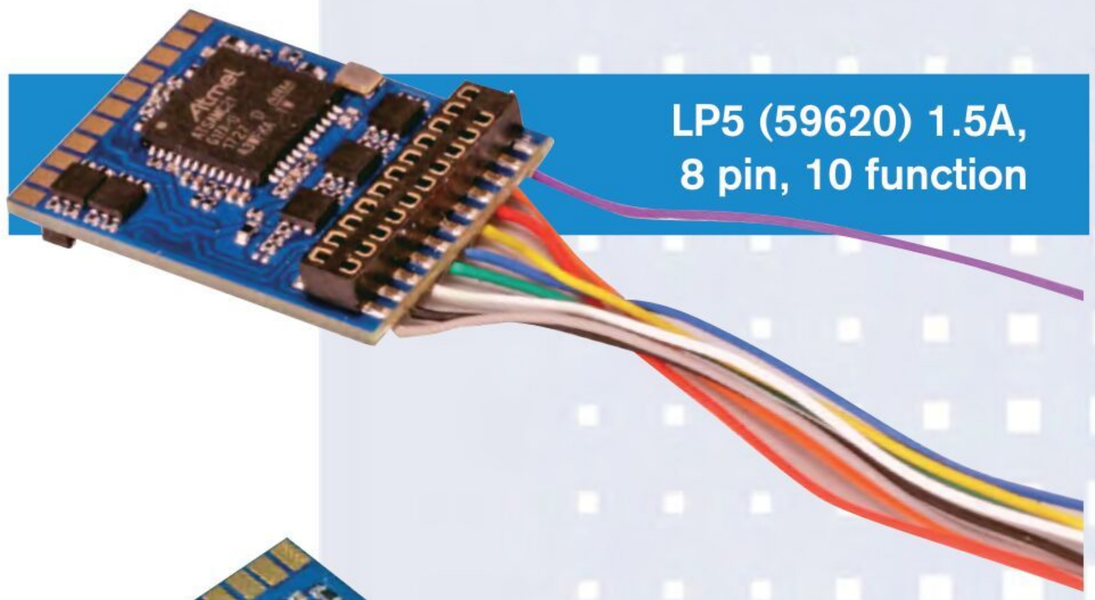
www.anoraksanonymous.net

For your complete DCC Experience

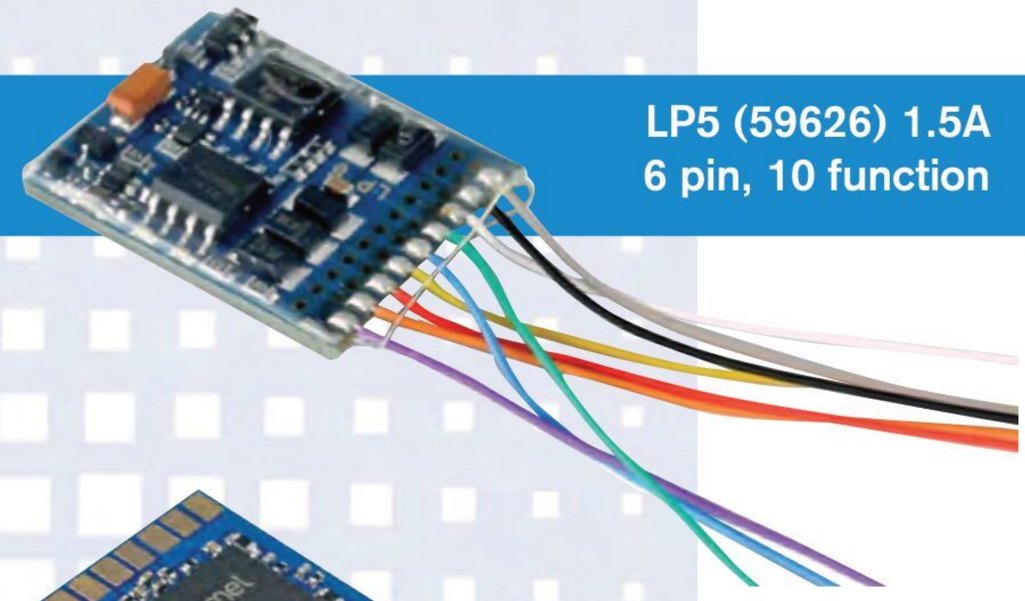
LOK PILOT

If sound is not your thing why not pick one of these great running decoders?

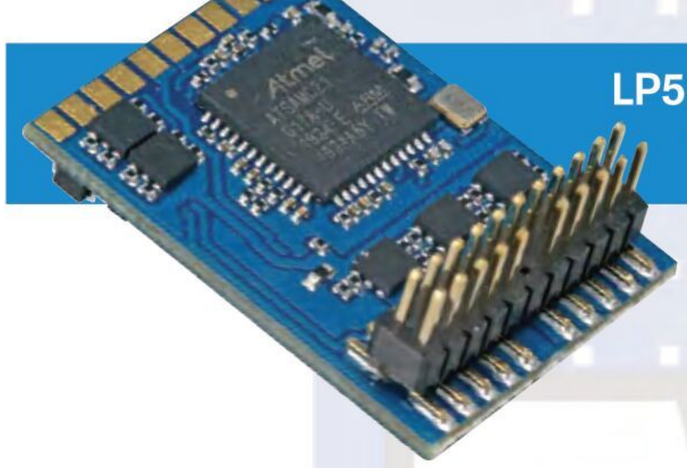
OUR NEW RANGE OF LOKPILOT V5 RUNNING DECODERS



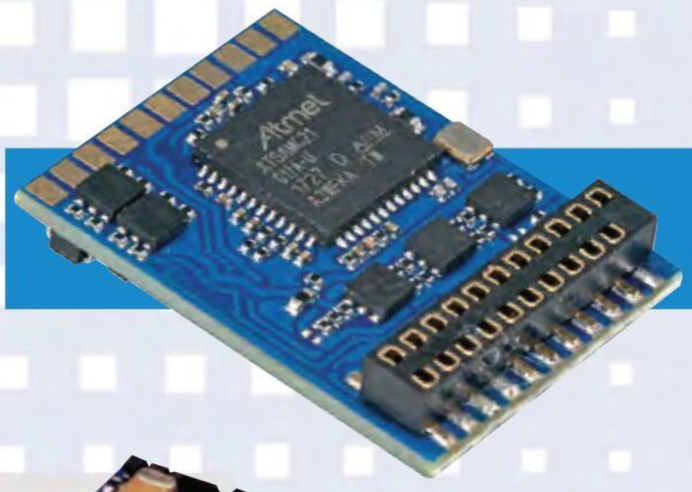
LP5 (59620) 1.5A,
8 pin, 10 function



LP5 (59626) 1.5A
6 pin, 10 function



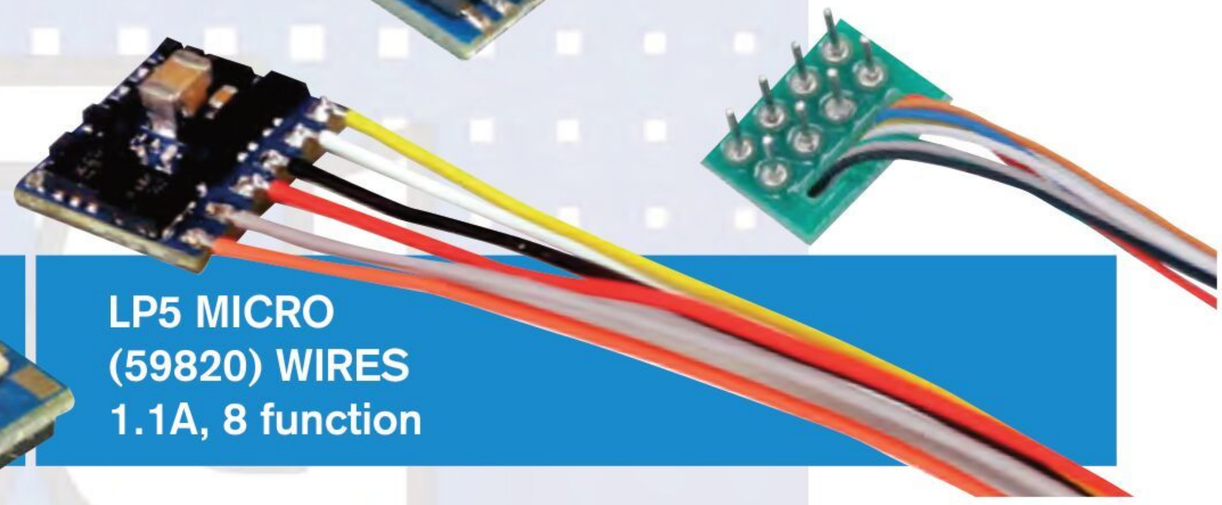
LP5 (59622) PLUX22
1.5A, 10 function



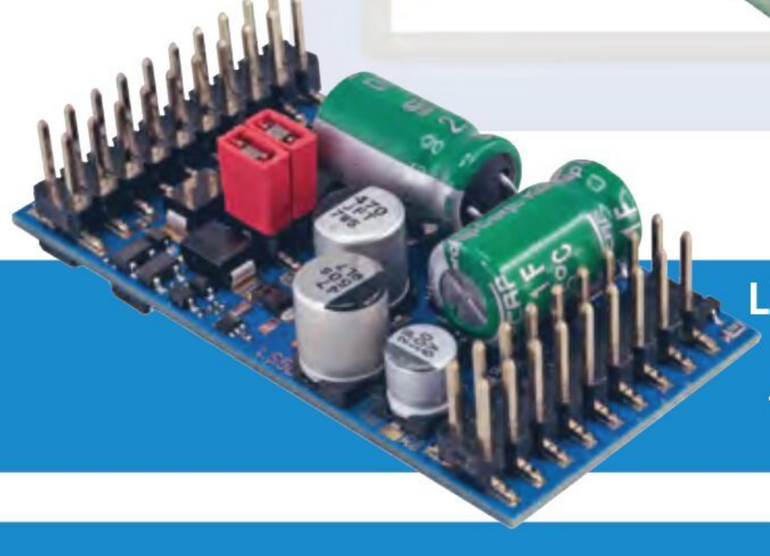
LP5 (59629) 1.5A
21 pin, 10 function



LP5 MICRO (59828)
NEXT18
0.75A, 10 function



LP5 MICRO
(59820) WIRES
1.1A, 8 function



LP5 (59315)
4A,
11 function



LP STANDARD
(53611) 8 pin, (53614)
21 pin, 0.9A four function

T: 01934 515382 • UK distributor since 2006 • See website for further details

www.southwestdigital.co.uk

BLOCKsignalling

www.blocksignalling.co.uk



TRAFFIC LIGHTS controllers and heads in a variety of finishes for OO/HO and N gauges



NEW EASY WIRE SHUTTLES FOR DC have added leds for forward and reverse indication



TRACK VOLTAGE TESTER with red, amber and green leds provides a quick indication of track faults



POINTS POSITION INDICATOR remembers the operation of points and drives control panel leds



NEW FAST CHARGING CDUS in a range of sizes, fitted with led READY indication.



EXPANDED RANGE OF LEVEL CROSSINGS now include wig-wag style American lights



NEW POINTS CONTROLLERS include frog switching and can drive panel led indications, for DC or DCC.



IMPROVED DCC REVERSER is now faster switching and joins our FROG juicer and SDCC1 DCC Shuttle



RANGE OF MINATURE DETECTORS for a multitude of tasks from routing trains to switching signals



RANGE OF WIRING ACCESSORIES



VISIT OUR WEBSITE FOR PLENTY OF GADGETS AND GIZMOS TO ADD INTEREST TO YOUR LAYOUT



Semaphore Signal Controllers ♦ Points Position Indicators Level Crossing Modules
Light Aspect Controllers ♦ Shuttles ♦ Station Stop ♦ Points Control ♦ CDU ♦ Traffic Lights

Easy-Fit Lighting and Accessories

Automatic Coach Lights for any Coach

Easy fit - motion activated - no wiring, no pickups, no flickering
Also available with tail light, electric spark & door light effects



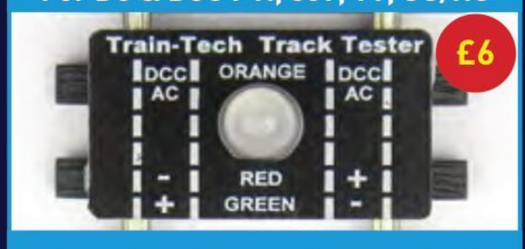
Traditional Warm White & Modern Cool White Available



Available in N, 009, OO/HO - from £20 complete

Track Testers

For DC & DCC : N, 009, TT, OO/HO



For DC & DCC : OO, O & G Gauge



Clip-in Buffer Lights

For DC & DCC



For N, OO/HO & O Gauge

Available direct from www.dcpexpress.com & model shops

Order by 3pm for same day First Class despatch

Train-Tech
Model Technology Made Easy

FREE BROCHURE FREE

DCP Express
Bryon Court
Bow Street
Great Ellingham
NR17 1JB, UK

01953 457800 / www.Train-Tech.com

£4 UK P&P - this month quote HBY0321 for £2 off postage!

hobby TRAX

Innovators not imitators!



www.hobbytrax.co.uk
Hobby Trax, Ford, Lochgilphead, PA31 8RJ
Tel: 0345 065 4472
SHOP NOW OPEN (Pandemic permitting!!)
Please call for directions and opening times

Hobby Trax Exclusive own-brand products

Tyson capacitor discharge unit (2 capacitors) £10.95
Tyson Xtra capacitor discharge unit (4 capacitors for a knock-out punch!) £14.95
18VDC power supply for either of above









12VDC Cool or warm white LED module (individually or pack of 10) £2.99 / £9.99
Just 7x12mm. Use like GoW bulbs but they run cool, last longer and use less power!
12VDC 9 channel switchable power distribution board (ideal for the above!) £16.95
12V 2A PSU for above £9.95
Switches for above (we stock all kinds of buttons and switches!) £1.60 ea
Peco pin extenders – to fit the solenoid under the board (10pk) £9.99
Many more unusual and innovative products in development for DC and DCC!!!

NEW PRODUCT – Meet the Cobra Cable!

Building an exhibition layout? Then you need a Cobra Cable! This ingenious cable carries all your wiring over a baseboard join. Simply unplug the cable when dismantling the layout. Unlike off-the-shelf cables we make ours from 3A 16/02 cable meaning **it can carry point motor wiring and DCC bus**. Supplied as a complete set with two terminal boards, a 1m cable and full instructions.

9 way £22.95
15 way £26.95
25 way £36.95

20% off for 3 or more!



NEW Roll end remnants Due to the volume of cable we sell, we have lots of roll ends left over so offer them as a bulk pack. 10 lengths each between 5m and 9m of different colours and sizes, great for starting out wiring your layout! Just £5.99

NEW PRODUCT – Magnetic corner brackets

Our own design! Perfect for our SuperQuick kits or Linka moulds. Strong rare earth magnets hold card or thin plaster at the perfect right-angle whilst the glue sets. Three sizes available: **30mm £6.99 40mm £7.99 50mm £8.99**



NEW PRODUCT – DCC Decoder tester Just £24.95

Another Hobby Trax exclusive! Our DCC decoder tester is quick and easy to use. Tests all 6, 8 and 21 pin decoders and hardwired decoders too. Test up to 6 function decoders. Simply plug in the decoder and connect the tester to your track, then control as normal. Works with all brands of DCC controllers.



Cables – we can supply many types of cables & electrical items.

Lowest price!

Black Brown Red Orange Yellow Green Blue Violet Grey White Pink
NEW 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 inside models	£3.95 / N/A
7/02 1.4A for lighting etc.	£1.40 / £7.99
16/02 3A for points and DCC	£2.10 / £14.99
24/02 5A for larger DCC bus	£2.70 / £19.99
32/02 6A for larger layouts	£3.45 / N/A



NEW 10m twin cable (red and black together) ideal for DCC bus or power connections. 3A 14/02 or 5A 24/02 £3.96 / £4.95

Did you know we supply the whole range from:
Ancorton, Seuthe, Linka, Gaugemaster, Hornby, Train-Tech, Mig Ammo, Sankey, P&D Marsh, Javis, SuperQuick, Dapol, Faller, ArtPrinters, Jordan, and many, many more!
We also offer free and impartial technical advice too!
Free post when you spend over £75!

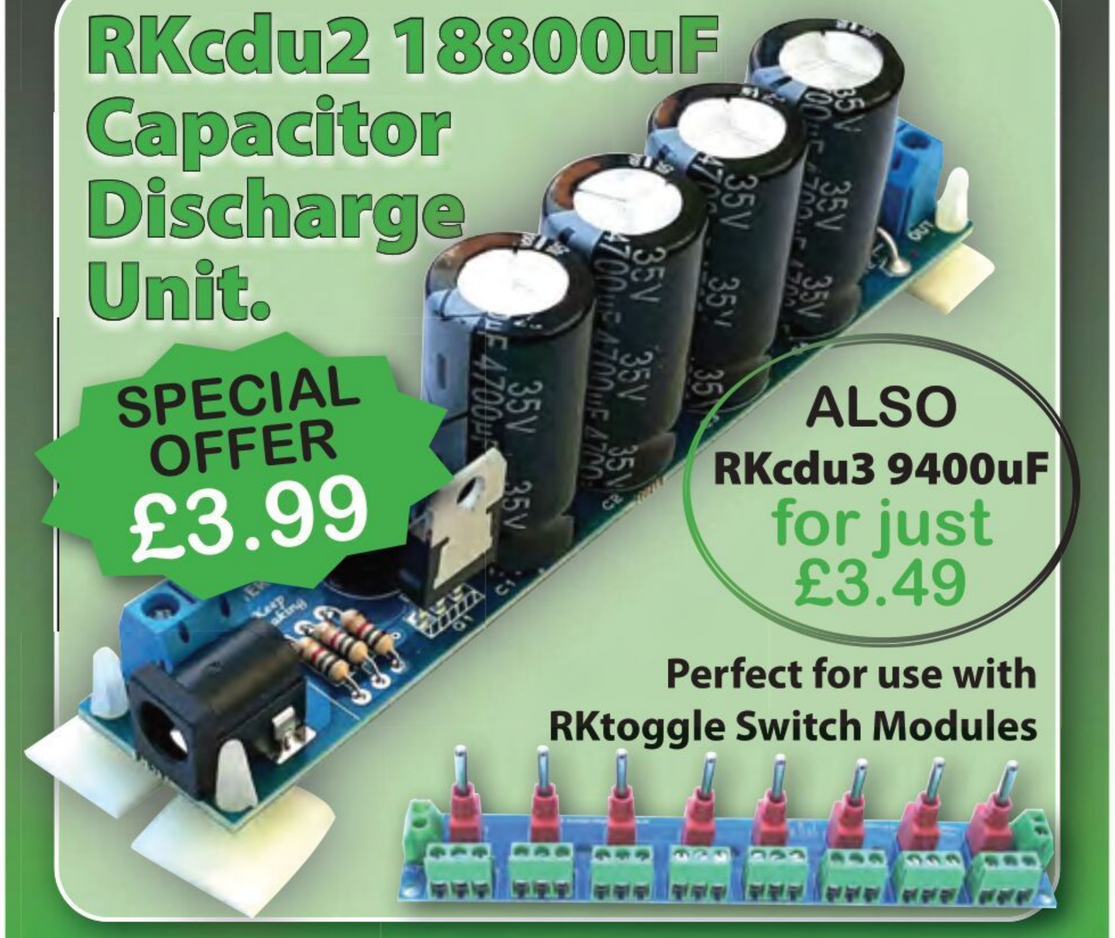
"Hobby Trax is a Faller's best friend"

RK EDUCATION

www.rkeducation.co.uk

SPECIALISTS IN A WIDE RANGE OF HIGH QUALITY PRODUCTS FOR MODEL RAILWAYS

RKcdu2 18800uF Capacitor Discharge Unit.



SPECIAL OFFER £3.99

ALSO RKcdu3 9400uF for just £3.49

Perfect for use with RKtoggle Switch Modules

C&L FINESCALE TRACK BUILDING SYSTEMS

OFFICE HOURS
10.00-14.00 Mon, Tues, Thurs & Fri
14.00-19.00 Wednesdays
CLOSED Saturdays & Sundays

125 Reaver House, 12 East St, Epsom, Surrey KT17 1HX • **Tel: 01372 748490**

C & L are the suppliers of well, proven range of 4 & 7 mm easy build point kits and a range of flexi tracks, New products are added to the website as they be come available.



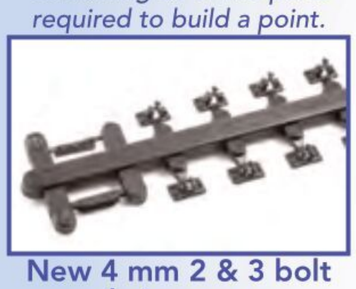
Point kits in 4&7mm
containing all of the parts required to build a point.



Common crossings 4 & 7mm



New OO flexi track



New 4 mm 2 & 3 bolt chair sprues



New 4 mm H section Fish plates



New 7mm test shot 3 bolt chairs



New 7 mm Etch fish plates



"Squirrel servo assist" liner movement machine.



Roller gauges check rail clearance for RTR



Dapol O Gauge Locos & stock



N gauge roller gauges for code 40 rail



Range of O Gauge point Rodding parts

www.clfinescale.co.uk

FOOTPLATE
101 COMBERTON HILL, KIDDERMINSTER, DY10 1QH

20% OFF ALL PECO STOCK
ORDER ONLINE TODAY!



PECO

WANTED : MODEL RAILWAY
We will buy your old models!



ALL SIZES CONSIDERED
TOP PRICES PAID!

SALMON WAGONS Flangeway
NOW IN STOCK!
3 Liveries - £49.95 each



SNOWPLOUGH'S



MERMAID WAGONS



LOW STOCK ALERT!
Only £19.95 each

IN STOCK NOW
6 Variants - £37.95 each

FOOTPLATE OF KIDDERMINSTER - 01562 750076

ORDER ONLINE AT : FOOTPLATE.CO.UK

SAS Est.1991

specialauctionservices.com

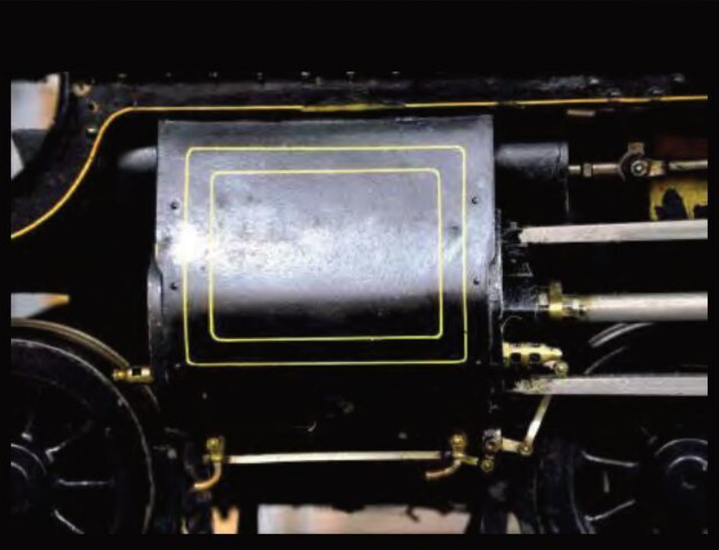
Trains including the Turnbull Collection
23 February
Glorious Trains
13 April

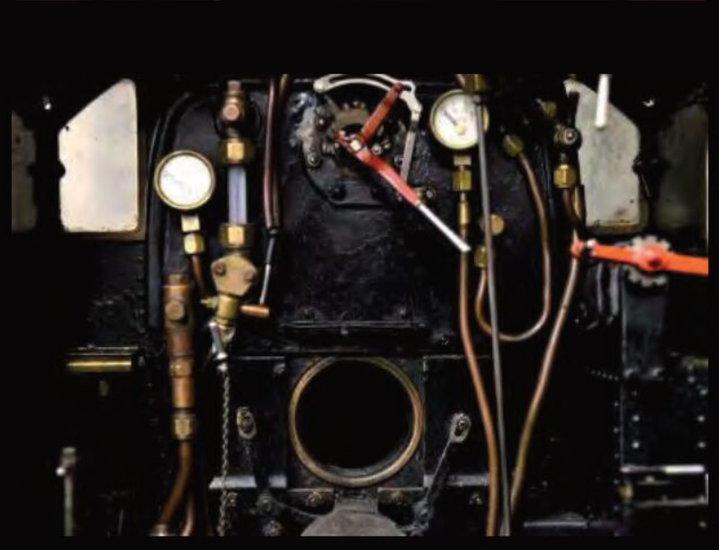


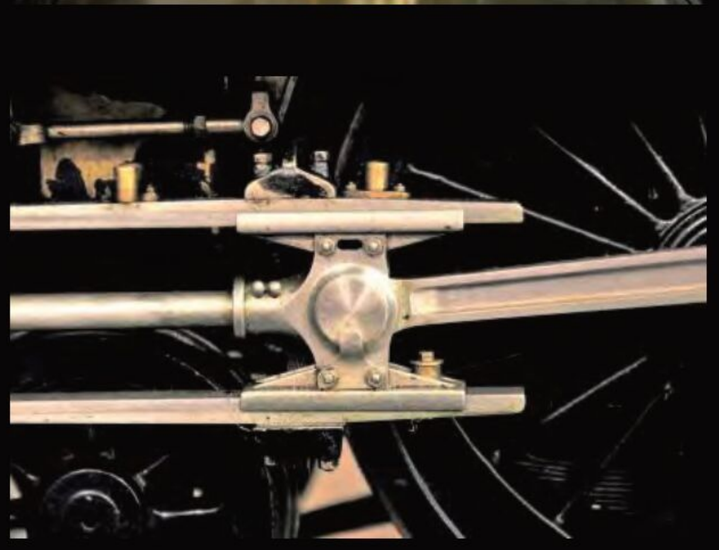












Details of a handsome 5 inch Gauge GWR 'Saint'- sold for £12,000

We hold ten train sales every year offering everything from N Gauge to 5 inch Gauge and Railwayana: Trains Galore in December realised £227,000 alone.
We are now taking in lots for upcoming auctions and also are pleased to visit, following government health guidelines of course. Our auctions continue very successfully online only, with a rota for collection and our own reasonably-priced in-house packing service.

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

Plenty Close, Off Hambridge Road, Newbury RG14 5RL
and now at Baylies Hall, Tower St, Dudley DY1 1NB

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 .....£340.00
GL14 LNER / BR Q4 TINY 0-8-0 .....£350.00
GL16 LNER / BR Q1/1 0-8-0 TANK £320.00
GL20 LMS/BR PRINCESS £460.00
GL21 LMS/BR ROYAL SCOT £400.00
GL23 LMS/BR BRITISH LEGION £400.00
GL24 LMS/BR ORIGINAL PATRIOT £400.00
GL28 LMS/BR 2P 4-4-0 .....£320.00
GL36 LBSC/SR/BR H2 ATLANTIC £410.00
GL44 LNWR/LMS /BR COAL TANK 0-6-2 .£270.00
GL50 LNER/BR 2-8-8-2 GARRATT £650.00
GL57 LNER / BR L1 2-6-4 .....£320.00
GL58 LNER / BR B1 4-6-0 .....£380.00
GL59 LNER / BR K1 2-6-0 .....£370.00
GTR62 SR/BR Urie King Arthur..... .....£460.00
GL70 SR / BR SCHOOLS 4-4-0 .....£410.00
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..... £399.00
K301 B.R Standard 2MT 2-6-0..... £457.00
K302 LMS/B.R Ivatt 2-6-2T..... £399.00
K303 LMS/BR Fairburn 2-6-4 T £415.00
K310A LNER/BR A3 with Corridor tender.£656.00
K317B BR Britannia with BR1/1A tender.£656.00
K324B B.R 9F 2-10-0 BR1B/BR1C.....£656.00
K326 B.R Class 03 complete kit..... £457.00
K336 LNER/B.R Peppercorn A2..... £656.00
K338 LNER/B.R G5 0-4-0T..... £457.00
K340 B.R Class 14 complete kit..... £457.00
K344 NEW LNER/BR Hunt Class 4-4-0..£525.00
K345 NEW LNER/BR Thompson A2/1 ..£656.00

PECO LINESIDE KITS
LK704 Wooden lineside hut kit.....£21.15
LK705 Brick lineside hut.....£21.15
LK709 Ground Level Signal Box £30.45
LK710 Signal Box Interior Kit.....£22.50
LK715 Brick Base Signal Box.....£42.00
LK735 GWR Yard Crane.....£22.80
LK741 GWR spear fencing £11.65
LK742 GWR spear fencing ramps.....£11.65
LK743 Field fencing and gates.....£10.55
LK747 Telegraph Poles (6).....£9.85
LK748 Ladders (4) £7.95
LK749 Loading Gauges (2).....£13.20
LK750 Single track level crossing gates...£21.45
LK758 Platelayers tools £6.85
LK759 Platform lamps (4).....£9.25
LK760 Telephone boxes (2).....£9.25
LK761 GWR Station seats (4) £8.80
LK762 MR/NER station seats (4).....£8.80
LK763 SR/BR Station seats £8.80
LK764 Bicycles (8) £8.80
LK765 Police Call Box.....£10.55
LK790 GWR home or distant signal.....£19.75

SLATERS BR WAGONS AND VANS KITS
7062 B.R 12ton Vanwide.....£38.00
7063 B.R Standard Van.....£38.00
7064 B.R 12ton Standard/Flat Van £38.00
7065 B.R Meat Van.....£38.00
7066 B.R. Insulated Van.....£38.00
7067 B.R 13 ton conflat 'A' £34.00
7069 B.R Lowfit Wagon £34.00
7070 B.R 12 ton Palvan £38.00
7071 B.R 13 ton High Goods Wagon.....£34.00
7033 LNER/BR 20T Brake Van £49.00
7053 LNER/BR 20T Brake Van £53.00
7CO20 SECR/SR/BR 4 wheel PLV/GUV..£79.00
7CO21P SR/BR Bogie Van £126.00
7CO22 SR/BR 4 wheel BY £80.00

PECO WAGON KITS
W601 GWR Toad brake can.....£42.75
W602 GWR Permanent Way brake £42.75
W603 GWR 6 wheel brake £44.50
W604 GWR 4 plank open £36.00
W605 GWR Steel Open £36.00
W606 GWR 10 ton Van.....£44.00
W607 BR 16 ton Mineral wagon.....£44.50
W608 BR 27 ton Iron Ore wagon.....£44.00
W609 BR 20 ton Pig Iron wagon £44.00

PECO '0' GAUGE TRACKWORK
SLE786BH Curved R/H Point £58.00
SLE787BH Curved L/H Point.....£58.00
SL700BH 12 yards flexitrack.....£85.75
SLE791BH Right Hand Point.....£46.25
SLE792BH Left Hand Point.....£46.25
SLE797BH Y Point.....£46.25
SLE790BH Double Slip.....£97.50
SLE794BH Long Crossing £52.50
SL10 24 metal railjoiners.....£3.00
SL11 12 insulated railjoiners.....£2.85
SL740BH Buffer stop £3.00
TP1 Long Track pins (15mm) £3.25
ST700 Box (6) 393mm straight £48.00
ST725 Half circle 1028mm radius curves..£51.25
STU750BH R/H Setrack Point £44.25
STU751BH L/H Setrack Point £44.25
PL33 Microswitch £5.95
PL19 Microswitch Housing (2).....£4.85
PL80 Power Feed.....£7.50

H.M.R.S. TRANSFERS
H1 L.M.S. gold loco and coach.....£22.00
H2 L.M.S. yellow loco and coach.....£22.00
H2A L.M.S. black style/Crewe loco.....£22.00
H3 L.M.S. loco lining.....£22.00
H3A L.M.S. coach lining.....£22.00
H4 L.N.E.R. green loco and coach £22.00
H4A L.N.E.R. black loco and Gill Sands.£22.00
H5 L.N.E.R. loco lining.....£22.00
H6 L.M.S. goods wagon lettering £20.00
H7 G.W.R. loco and coach lettering.....£22.00
H8 G.W.R. loco and coach lining.....£22.00
H9 S.R. Maunsell loco and coach lettering .£22.00
H10 S.R. Bulleid loco and coach lettering.£22.00
H11 G.W.R. goods wagon lettering £20.00
H12 L.N.E.R. goods wagon lettering £20.00
H13 S.R. goods wagon lettering £20.00
H14 BR steam loco and coach lettering....£22.00
H15 BR blue diesel and coach lettering....£20.00
H16 LNWR/WCJS loco coach & wgn £23.10
H17 LTSR/MR/SD/LY/MCR gds lettering ...£22.00
H18 N.E.R. loco and coach lettering £23.10
H20 CB/NB/GSWR/HR/GNSR wgn lettering £22.00
H22 B.R. mixed traffic/L.N.W.R. loco lining £22.00
H24 MR/SDJR/LTSR/MGN loco & coach ...£23.10
H25 B.R. pre-TOPS wagon numbers etc...£20.00
H26 B.R. pre-TOPS wgn instructions etc.£20.00
H31 Pullman crests, names and numbers. £23.10
H32 Pullman lining.....£20.00
H40 G.N.R. coach lettering £23.10

PARKSIDE WAGON KITS
PS14 BR Grampus Ballast wagon.....£34.50
PS15 BR 21 Ton Mineral wagon £34.50
PS16 LNER Loco Coal wagon..... £34.50
PS17 BR 12 ton Pipe wagon £34.50
PS23 GWR/BR 13 ton open wagon..... £34.50
PS24 GWR/BR 12 ton unfitted van..... £34.50
PS25 BR 24.5 ton mineral wagon £34.50
PS26 GWR/BR 12 ton fitted van £34.50
PS27 GWR/BR 12 ton open with tarp bar £34.50
PS28 GWR/BR 12 ton plywood van £34.50
PS29 GWR/BR Fruit van £34.50
PS30 BR 16 ton mineral wagon £34.50
PS31 BR 16 ton slope sided mineral £34.50
PS32 BR 16 ton mineral (ex SNCF)..... £34.50
PS33 BR 8 Plank wooden mineral..... £34.50
PS42 LMS/BR 12 ton open wagon £34.50
PS45 LNER/BR 12 ton goods van £34.50
PS46 LNER/BR 12 ton fruit van £34.50
PS49 GWR/BR Mica van..... £34.50
PS100 SR/BR Banana van..... £34.50
PS101 SR/BR Meat van..... £34.50
PS104 BR 21 ton coal hopper £34.50
PS106 SR/BR Cattle truck..... £34.50
PS112 GWR/BR Gunpowder van £34.50
PS114 LMS/BR Banana van £34.50
PS115 LNER/BR Brake Van £41.00

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 14/48/58xx
0-4-2T G.W.R or B.R
Available in various G.W.R & B.R liveries, autofitted or not, numbered or un-numbered, basic, DCC or DCC sound fitted.
BASIC RRP £225.00 OUR PRICE £191.25
Sound fitted RRP £400.00 OUR PRICE £345.00
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 £175.00 OUR PRICE £148.75
DCC fitted RRP £205.00 OUR PRICE £174.25
Sound fitted RRP 350.00 OUR PRICE £297.50
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 £235.00 OUR PRICE £199.75**
DCC Fitted **RRP£265.00 OUR PRICE £225.25**
AVAILABLE 2020

NEW DAPOL 10 FOOT W.B WAGONS
B.R Open Wagons (various)
RRP £46.35 OUR PRICE £39.50
B.R VEA, VBA, MEAT, INSULATED AND STANDARD VANS (12 TYPES)
RRP £49.95 OUR PRICE £42.50

NEW DAPOL
B.R Standard 20T Brakevan
3 grey liveries available
RRP £79.95 OUR PRICE £67.95
CUSTOM WEATHERED £92.25

DAPOL HEA & HAA COALWAGONS
4 Types of each
RRP £54.95 OUR PRICE £46.95
HAA'S LAST FEW - HEA'S 2020 RELEASE

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

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 £199.00 OUR PRICE £169.15
DCC fitted RRP £234.00 OUR PRICE £198.90
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 £495.00 OUR PRICE £420.75
Sound fitted RRP £650.00 OUR PRICE £552.50
Available Spring 2021 Reserve yours now

DAPOL CLASS 121 & 122
Choice of 5 liveries
List Price £299.00 OUR PRICE £254.15
DCC Sound List Price £499.00 OUR PRICE £424.15
Available Soon. Reserve yours now

NEW DAPOL MOTORISED SIGNALS
GWR & LMS Home 4 versions
List Price £55.95
OUR PRICE £47.55

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 2022
ADVANCE ORDERS WELCOME

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 2021
Reserve yours now

NEW HELJAN CLASS 26 & 27
VARIOUS LIVERIES
RRP £599.00 OUR PRICE £509.15
AVAILABLE LATE 2021

NEW HELJAN CLASS 37/4
EWS or Regional Railways
RRP £599.00 OUR PRICE £509.15
NOW AVAILABLE

NEW HELJAN 61XX PRAIRIE TANK
HJ6100 6110 Great Western
HJ6101 6106 G.W.R
HJ6102 6114 B.R. unlined black
HJ6103 6111 B.R. unlined green
HJ6104 6132 B.R. lined 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
HJ6124 5184 Great Western
HJ6125 4144 B.R. unlined black
HJ6126 5158 B.R. lined green
RRP £699.00 OUR PRICE £594.15
NOW AVAILABLE
See our website for full details

NEW HELJAN 43XX MOGUL
6 standard versions in G.W.R and B.R all un-numbered and
2 limited editions numbered
List Price £779.00 OUR PRICE £662.15
NOW AVAILABLE

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

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
AVAILABLE SUMMER 2021

NEW HELJAN WAGONS
Heljan Catfish RRP £99.95
OUR PRICE £79.95 or
£75.00 for 6 or more

NEW HELJAN CLASS 33
Early and Late Versions
RRP £549.00 OUR PRICE £466.65
11 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
Available Summer 2021

HELJAN CLASS 35 HYMEK
Limited Re-run Four liveries planned
RRP £495.00 OUR PRICE £420.75
NOW AVAILABLE

HELJAN CLASS 55
3 Liveries Available
RRP £599.00 OUR PRICE £509.15
NOW AVAILABLE

NEW HELJAN CLASS 47
2 Versions, 1960/70s & 1980/90s
Eleven liveries planned
RRP £699.00 OUR PRICE £594.15
AVAILABLE WINTER 2021

HELJAN CLASS 56
Total of 8 liveries
RRP £699.00 OUR PRICE £594.15
AVAILABLE WINTER 2021

HELJAN CLASS 40
CENTRE HEADCODE 5 liveries
RRP £549.00 OUR PRICE £466.65
AVAILABLE EARLY 2021

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 BR PARCELS STOCK
G.U.V available B.R, Parcels red, Express Parcels blue or S.R green BG available BR maroon, crimson & cream, chocolate & cream, Newspapers blue or Royal Mail red
RRP £325.00 OUR PRICE £169.15
STOCKS NOW RUNNING LOW

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.

FRIZINGHALL
MODELS & RAILWAYS

WE STOCK AN EXTENSIVE RANGE OF LOCOMOTIVES AND ROLLING STOCK IN MOST GAUGES
SCENICS - KITS - TOOLS
PAINTS - DIECAST MODELS ETC

PLUS A LARGE SELECTION OF GOOD QUALITY PRE-OWNED MODELS

MODELLIT | MODEL TECH

OUR SERVICES
- DCC Sound Fitting
- DCC Decoder Fitting
- Weathering
- Rename/Renumber
- Servicing/Repairs

We buy second-hand model railway items. Speak to our friendly & experienced staff for more information.
'Cash or Exchange'

FREE POSTAGE over £175 (UK mainland only)

OFFICIAL STOCKIST SOUND FILES SUPPLIED BY YOUCHOOS & DIGITRAINS

WWW.MODELRAILSHOP.CO.UK
01274 747447
shop@fmrdirect.co.uk

8A Sapper Jordan Rossi Park
Baildon, Otley Road
West Yorkshire, BD17 7AX

OPEN: MONDAY to SATURDAY 10:00 - 4:30

CARRIAGE & WAGON MODELS

www.carriageandwagonmodels.co.uk

A NEW LIMITED EDITION KENT HOPS RE-RUN COMING SOON

More re-runs of previous favourites later in the year plus another Lost Kent Coalfield



(Go to our website for more details)

Custom Made
Bulleid Pacific's, Schools and S15s 9Fs, Coronations, BR class 5s
(Renamed, Renumbered, weathered).

NEW HORNBY PRODUCTS
QUALITY PRE OWNED MAKES INCLUDING BACHMANN

Call Greg on **01233 633295 / 07757 342525**
Or email us at: **Carriagew@yahoo.co.uk**

Chester Model Centre

RAILWAYS
BOOKS
DIECAST
WARHAMMER
TOOLS
PAINTS
AND MUCH MORE!

HORNBY®
2021

A **small** selection of products available for pre-order

R30006-BR, 'Terrier', 0-6-0T, 32646 - Era 4	10% OFF	£89.99
R30006X-BR, 'Terrier', 0-6-0T, 32646 - Era 4		£108.89
R30087-LNER, A3 Class, No. 45 'Lemberg'		£188.99
R30009-London Carriers International, Sentinel, 0-4-0, 'Jean' - Era 8		£71.09
R30010-Hitachi, Sentinel, 0-4-0, 'Chiaki Ueda' - Era 11		£75.59
R30011-ScotRail, Class 153, 153377 - Era 11		£113.39
R30071-ScotRail, Class 153, 153380 - Era 11		£113.39
R30019-Colas, Class 66, Co-Co, 66850 'David Maidment OBE' - Era 11		£67.49

METCALFE • BACHMANN EUROPE Plc • CORGI • AIRFIX • eduard

shop@chestermodelcentre.com 01244 400930

71-73 Bridge Street Row East, Chester, CH1 1NW

ChesterModelCentre.com

Selling your model railways?

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 DAYS - We are holding a series of advisory days in all regions of the UK, 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

In The Greenwood
LASER

Our latest products -



£17.50

N-ST005
Our popular station building
Now available in N gauge



NL009 onwards
Full depth versions added to our best selling Northlight factory range

£20.00



WH001 - 009
Our latest item, warehouse units available in Ultra Low, semi low and full depth options

From £6.00

Top Selling Items

PC001 **Canopies**



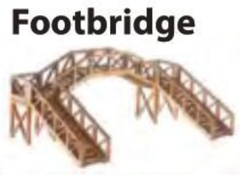
£6.00

ST005 **Hesketh Station**



£20.00

FB006 **Footbridge**



£8.00

For the full range visit
www.inthegreenwoodlaser.co.uk

GOLDEN VALLEY HOBBIES



Vollmer 45525 HO/OO
Oil Refinery Kit
£55.95



Auhagen 11408 HO/OO
Storage shed with garage
£12.90



Auhagen 11460 HO/OO
Small Vehicle Workshop
£49.90



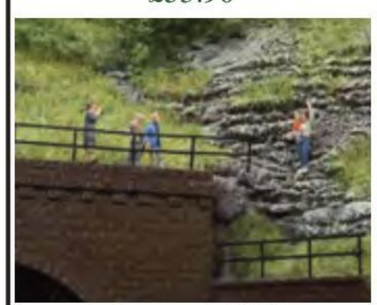
Auhagen 13341 TT
Factory Building
£53.90



Busch 8803 TT
2 Conveyor Belts
£13.49



Auhagen 13319 TT
Construction Depot
£25.90



Auhagen 44643 N
Railings 40cm
£10.20



Kibri 37225 N
Fence With Gates
£12.50



Busch 8103 N
Sunflower Field 96 Flowers
£8.79

www.GoldenValleyHobbies.com
Unit 1 Pontrilas Business Park, Pontrilas, Herefordshire, HR2 0AZ
See our website, write or call to order. Trade enquiries welcome. 01981 241 237
Prices are correct at time of print and are subject to change.

MAC'S MODEL



RAILROADING

4-8 REFORM STREET, KIRRIEMUIR, SCOTLAND DD8 4BS
TEL: 01575 572397
WWW.MACSMODELS.CO.UK WWW.ECSCENICS.CO.UK
EMAIL: SALES@ECSCENICS.CO.UK

VISIT MY FACEBOOK PAGE -
WWW.FACEBOOK.COM/MACSMODELRAILROADING

OPEN: 10.30AM - 4.00PM

BRITISH, AMERICAN AND CONTINENTAL OUTLINE STOCKED
COMPREHENSIVE WOODLANDS SCENIC SELECTION

HEATHCOTE ELECTRONICS

Our range of controls includes: IRDOT infra red detectors, CDUs, 2,3, and 4 aspect automatic signal controls, shuttles, station stops, passing and storage loop automatic controls, block sections, fire, welder flashing light and arcing effects, servo controllers, bouncing semaphore controllers. For OO gauge we have motorised uncoupler, single track and double track gated crossing kits

The pictures show an IRDOT-1 infra red detector. This is used for locating trains in hidden sidings and fiddleyards. The IRDOT board fits beneath the baseboard with the infra red detector and emitter (black "tubes"shown in the right hand picture) fitting in a hole between the sleepers. The infra red beam is reflected from the underside of (unmodified) rolling stock.



When a train is detected the LED lights. It is easy to locate the LED on the control panel with 2 wires from the screw terminals on the left of the board. IRDOT boards are powered from 12 to 16 volts AC or DC. A range of IRDOTs with relays and switch off delays are also available. These may be used for train location, track isolation, operation of points, signals, lineside accessories, replacements for reed switches eliminating the necessity for magnets, interfacing to computers Infra red detection works in light or dark and requires no modifications to track or rolling stock.

IRDOT-1 £11.95 postage £3.80

For more information and videos see our website:

www.heathcote-electronics.co.uk
email: cah@heathcote-electronics.co.uk phone/fax: 01538 756800
Heathcote Electronics, 1 Haydock Close, Cheadle Staffs, ST10 1UE

RADLEY MODELS

www.radleymodels.com



THE HOME OF LT

We do:

- 2mm-3mm
- 4mm-7mm

Call us:

01425 479377

TEN COMMANDMENTS

BUILDING A MODEL RAILWAY DVD- £12.50 EACH

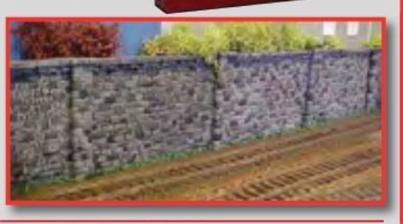
Professionally filmed 60 minute productions, they take the viewer from planning through to completed construction with interviews from Bachmann, PECO, Metcalfe,and more.

- Volume 1 – **Building A Model Railway – From Start to Finish**
- Volume 2 – **Building A Model Railway - Detail & Technology**
- Volume 3 – **Inspirational Layouts - Due for Release Late 2020**



OO GAUGE – WALLING AND FENCING

L19	Stone Retaining Wall (illustrated)	£12.95
L62	Dry Stone Walling	£6.50
L64	Sleeper Fencing	£6.50
L92	Chainlink Security Fencing	£12.00
L143	Wire & Post Lineside Fencing	£3.50



SEE OUR WEBSITE OR FOLLOW US ON FACEBOOK FOR EXHIBITION INFORMATION YouTube

20 Struan Drive, Inverkeithing, Fife KY11 1AR • Tel: 01383 410032

Email: **enquiries@tencommandmentsmodels.co.uk** • Telephone orders Mon-Fri 10-7pm

Visit our NEW LOOK website www.tencommandmentsmodels.co.uk

Roxey MOULDINGS

58 Dudley Road, Walton-on-Thames,
Surrey KT12 2JU Tel: 01932 245439

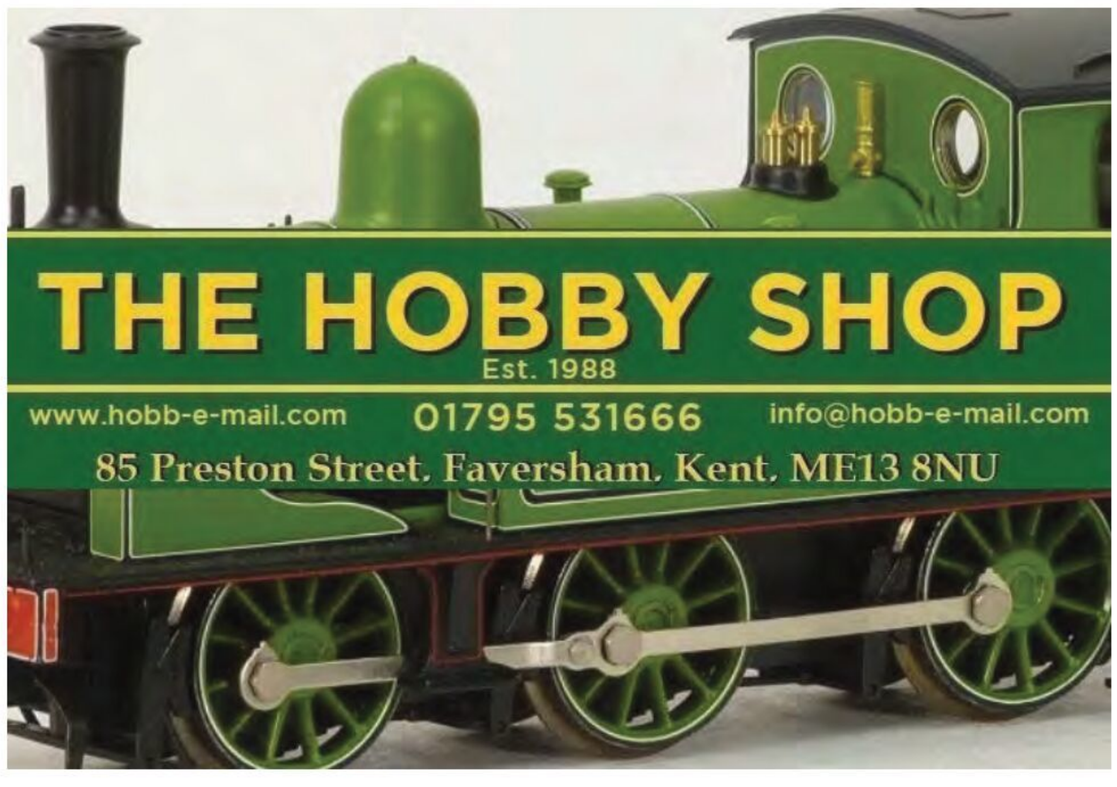
Online Shop: roxeymouldings.co.uk

VISA/Mastercard/Maestro/Switch accepted


Frecclesham by Newport MRS

Loco Kits in 4mm & 7mm Scales
Coach Kits in 4mm & 7mm Scales
Wagon Kits in 4mm & 7mm Scales
Wheels & Accessories in 4mm & 7mm
Motors & Gearboxes for 4mm & 7mm
Tenshodo Motor Bogies & Motors
Markits/Romford Driving Wheels & Accessories
Alan Gibson Accessories
List A5 SAE

Coach Kits in 0 & 00 Gauges



THE HOBBY SHOP

Est. 1988

www.hobb-e-mail.com 01795 531666 info@hobb-e-mail.com

85 Preston Street, Faversham, Kent, ME13 8NU

KX060-OO Low-Relief Industrial Unit

With photo-realistic paper textures & solid MDF cores

LASER CUT OO SCALE KIT



Choice of signage and doors included!

Only £7.49 + P&P

scalemodelscenery.co.uk

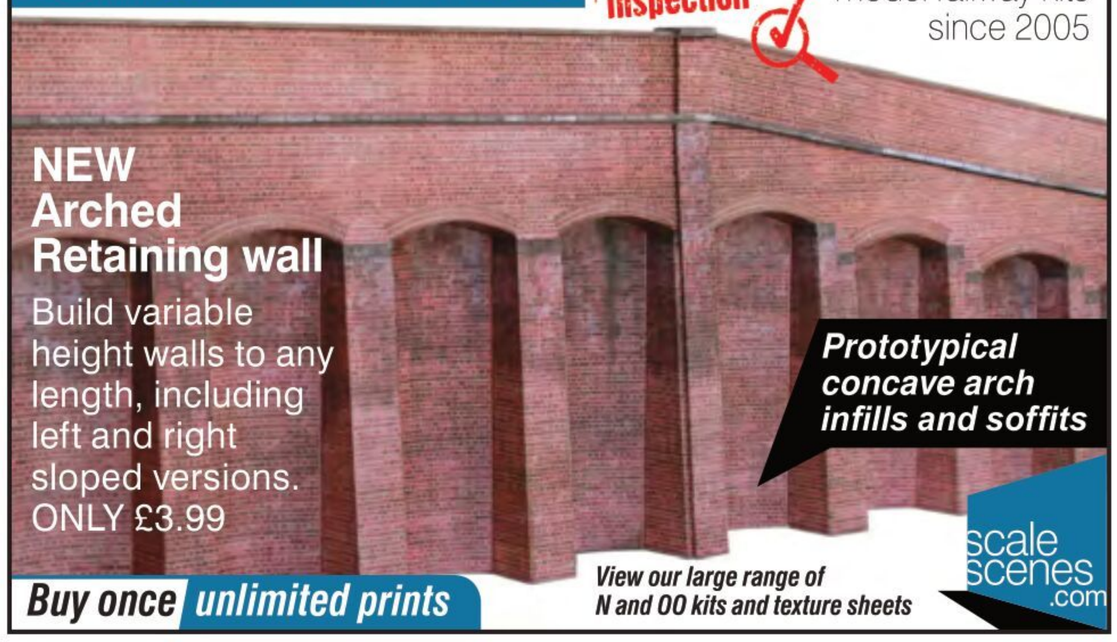
Order online or call 01530 456952

Visit ➔ Scalescenes.com

Download ➔ Print ➔ Build

Card kits that pass closer inspection

The home of quality downloadable card model railway kits since 2005



NEW Arched Retaining wall

Build variable height walls to any length, including left and right sloped versions. ONLY £3.99

Prototypical concave arch infills and soffits

Buy once *unlimited prints*

View our large range of N and OO kits and texture sheets

scale scenes .com

www.YorkModelrail.com

Precision Laser Cutting

Online shop, selling our unique range of laser-cut scenery detailing and architectural components; helping you enjoy building 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

Unit 13, Bull Centre, Stockton-on-the-Forest, York, YO32 9LE

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 • Closed Sundays & Bank Holidays

All major cards accepted. Part exchange welcome

Model Rail Baseboards

Custom made modular baseboard systems



Manufacturers of bespoke modular baseboard systems.

Our baseboards are supplied fully assembled, the legs just simply bolt on.

Made from professional furniture grade MDF the construction is open frame with a 9mm top making them light and incredibly strong and robust.

They are very stable and will not twist, warp or sag.

We custom make baseboards to order to meet your exact requirements.

We offer a complete layout service.
We can design and build your layout from start to finish.
Track laying, electrical work, point control panels.
Scenery.

Model Rail Baseboards
Unit 2 Eden Trading Estate, Monasteroris, Edenderry, Co. Offaly. R45 E791 Ireland
Tel: 00353 87 6555052 Email: sales@modelrailbaseboards.com
www.modelrailbaseboards.com

PETER'S SPARES

MODEL RAILWAYS LIMITED
MAIL ORDER & REPAIR SPECIALISTS



- 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

NEED HORNBY SPARES?

Talk to Peter's Spares - over 2500 different Hornby Spares in stock.

East Kent Models parts are being listed on our website.

OVER 11,500 DIFFERENT ITEMS IN STOCK

DON'T FORGET WE SELL:

Locomotives, Rolling Stock, Scenics and much more!

BACHMANN BRANCH-LINE
HORNBY

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

Tel: 01642 909794
Open Mon-Sat 10am - 5pm
Web: www.petersspares.com
Email: sales@petersspares.com

PECO · GRAHAM FARISH by BACHMANN · dapol · HELJAN · GAUGEMASTER

Supplying scenic models For use by Railway Modellers

Vintage Miniature Models

Aveling & Porter Steam Roller



Fowler Ploughing Engine



Burrell Traction Engine



AVAILABLE NOW NEW N GAUGE TRACTION ENGINE RANGE

Model Designers and Diorama makers
Vintage Miniature Models

17 Wycombe St
Darlington
Co Durham
07946 499237

www.vintageminiaturemodels.co.uk
emailgraham.a.eason@gmail.com

All our model ranges are British made and designed on Teesside by a Yorkshireman or Created on Orkney in association with

Peedie Models

UK TOY & MODEL AUCTIONS LIMITED

Our next Auction is Monday 22nd February 2021

This Sale will be online only with no public attendance and no viewing.
Auction Starts at 12.00pm



300+ Lots including Hornby, Bachmann, ViTrains, Lima, and 'O' Gauge Fine Scale





ESTIMATE : £110-£160 HAMMER PRICE : £260

Prices achieved at our September 2020 auction

Catalogue & More Information on our Website : ***uktoyauctions.com***

Phone & Commission Bids Accepted

BUYERS PREMIUM ONLY 14%

Internet Bidding Subject to an additional charge of 3%

THINKING OF SELLING?
SELLERS COMMISSION IS ONLY 18% INCLUSIVE (no hidden fee's)
Contact us for more information
Tony Oakes 01270 652773 Martyn McFetridge 07892 870729
enquiries@uktoyauctions.com

Mike Pett's Supercast 00 Model Railway Figures

Painted OO Gauge £5.50 - Unpainted £2.50 each - P&P £3.50
Painted O Gauge £10.50 - Primed £9.99 - P&P £3.99
NEW Michael Portillo O Gauge, Brunel O and OO button badges for rail clubs and societies available


NEW
• Solid metal OO platform totem stand £9.99 • Station totems to fit with station name £4.99 or layout name £6.99 Mark


Moriarty joins Holmes & Watson


NEW
OO & O Gauge Fireman & Drivers


NEW
Fred Dibnah


Robert Stephenson designer of the Rocket Steam Engine, in Bronze for our new Plinth or normal dress
NEW


NEW
RAC Man & AA Man


Cameraman for Michael Portilo
NEW


NEW
Plinth for Stephenson, Brunel & Dibnah
Priest

Supercast figures ***(Mike Pett)*** voted winner
Model Rail 2017 National Awards – Scenic Accessory Of The Year

Please make cheques payable to: Mike Pett. 12 Chatham Street, Ramsgate, Kent, CT11 7PP
PayPal Tel: **01843 593417** • Mob: **07976 724225** • Email: **mikepettsupercast@gmail.com**

MonkBar Model Shop
Est. 1963

2 Goodramgate
York - YO1 7LQ
01904 659423
info@monkbarmodelshop.co.uk

OO, N & O Gauge Model Railways
Diecast Planes & Vehicles - Plastic Kits & Figures - Scalextric - Jigsaws



Visit us in York
Only 2 minutes walk from York Minster
Open Monday - Saturday 10am - 4.30pm

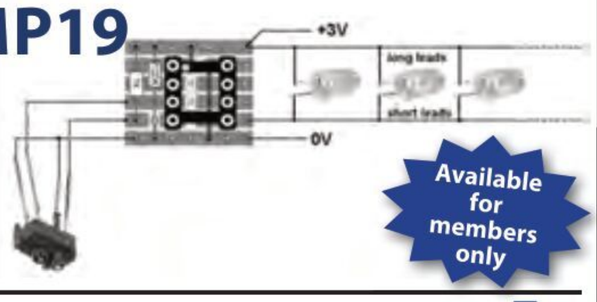
Stockists of Hornby, Bachmann, Graham Farish, Peco, Dapol, Gaugemaster, Ratio, Wills, Woodland Scenics, Metcalfe, Oxford Diecast, Base Toys and many more

monkbarmodelshop.co.uk

MERG
MODEL ELECTRONIC RAILWAY GROUP
Leading Model Railway Electronics - since 1967 -

LEARN TO BUILD ONE OF OUR MORE TECHNICAL KITS

SIMPLE KIT PMP19
AUTOMATIC COACH LIGHTING
£3.96 *incl. p&p*



Available for members only

www.merg.org.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 MATERIALS, BUILDINGS, VEHICLES etc



BICYC-LED


OO/HO & N Cycles & M/cycles with working lights!! See our webshop for details

Easy free parking!!
Open Mon Wed Fri Sat 9.30 to 2.00

CONTINENTAL RAILWAYS
FLEISCHMANN · Roco · BRAWA · TRIX · herpa · FALLER · Preiser · BUSCH · NOCH · MINITRAINS



MODEL RAILWAY SOLUTIONS
Established 2010

NEW MODEL SHOP NOW OPEN!

- All well known brands stocked.
- Free on-site parking.
- Gift cards available.
- See website for info on our Modular Baseboard & Helix systems.
- We also purchase any unwanted railway items or collections.
- Online shop to follow shortly.

Unit 1, 10-12 Alder Hills,
Poole, Dorset. BH12 4AL.
01202 798068.



www.modelrailwaysolutions.co.uk
Email: info@modelrailwaysolutions.co.uk



BE WISE
WHEN YOU ADVERTISE



Everyone wants to get what they paid for. Hornby Magazine is independently verified by ABC, because we want our advertisers to know they're getting the exposure they've been promised.

ABC. See it. Believe it. Trust it.

HORNBY magazine

abc
www.abc.org.uk

Model Scenery Supplies

Internet Shopping for all your Scenic Items

Browse from your own home our massive range of scenic products, with easy to use ordering and fast delivery

Stocking products from 58 brands around the world.



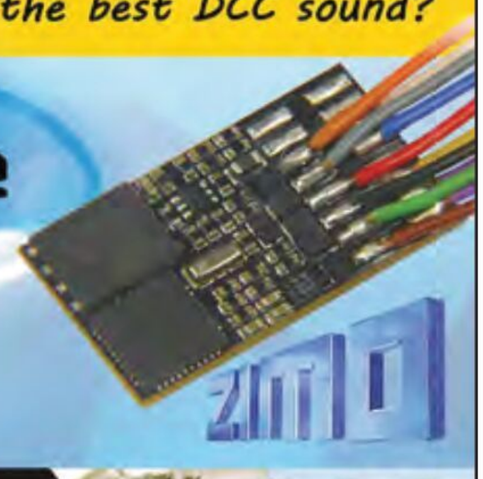
DELUXE Materials · RATIO · Preiser · PECO · Search…. WILLS·KITS · SCENECRAFT by Bachmann · BUSCH · WOODLAND SCENICS · METCALFE

modelscenerysupplies.co.uk

YouChoos DCC Sound

Isn't it time you dived into the best DCC sound?

BE THERE WITH
immersive Drive





Install guides, inspiration gallery, lighting, smoke, connectors, electronics, DCC systems, SPROG, figures, Ready-To-Run models and much more!

Go online for more information & complete sound database



01380 530530
www.YouChoos.co.uk info@youchoos.co.uk



New Premium Display frame for your model engines.
Prices start from £138.00 inc postage

Watch Video Here

ARTSY Laser & Framing

Order online
www.artsylaser.co.uk
Tel: 01733 685143 • paul@artsylaser.co.uk

WILLIAMROWLAND

William Rowland offers a wide range of high quality popular low melting point and casting alloys as well as bespoke melts to your specific requirements.



Casting Alloys



Solder Wires



Blow Pipe Solders

WR ALLOYS AND SOLDERS
www.williamrowlandshop.com

ROXLEY MODELS

Est. 1986

SURREY'S SPECIALIST MODEL SHOP

DCC Doctor
Professional friendly advice.
Full DCC + DCC Sound Installations.
Expert repair services in the heart of Surrey.

DCC Sounds from
Legoman Biffo
South West Digital

WOODLAND SCENICS · METCALFE · HORNBY · BACHMANN BRANCH-LINE · PECO STREAMLINE · GAUGEMASTER · MURPHY MODELS · HELJAN · FLEISCHMANN · GRAHAM FARISH by BACHMANN · dapol · NOCH … wie im Original

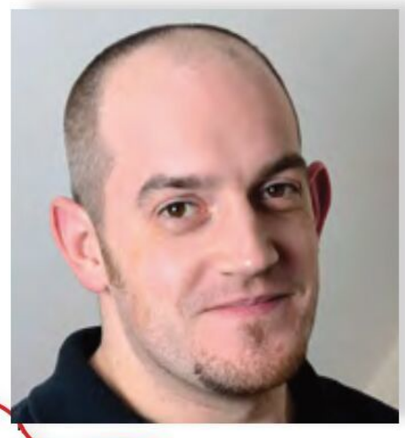
Telephone: *01372 452976*
Website: *www.roxleymodels.co.uk*
Email: *enquiries@roxleymodels.co.uk*
Address: *4 Beckley Parade, Leatherhead Road, Great Bookham, Surrey, KT23 4RQ*
Opening Hours: *Wednesday - Saturday 9.30 – 17.30*
Monday & Tuesday – Click & Collect • Weekday time slots available

YOUR ONLINE HOME FOR RAILWAY MODELLING

575/20

KEY MODEL WORLD

Key Model World is **THE** online home of railway modelling, brought to you by Key Publishing, publishers of *Hornby Magazine*



You'll find an array of railway modelling content on Key Model World - including feature layouts, the latest reviews, step-by-step guides, premium videos and Key Model World exclusives.

UNLIMITED access to this exciting online content from our dedicated team starts from just £41.99/year for UK customers. And registering couldn't be simpler. For instant access to the latest *Hornby Magazine* features and hours of modelling inspiration and other premium content, visit:

www.keymodelworld.com

FREE ACCESS FOR ALL HORNBY magazine SUBSCRIBERS*

Visit www.keymodelworld.com/subscribe

***Free access available for a limited time only – sign up today!**



Mike Wild *Editor - Hornby Magazine & Key Model World*

We value your feedback!

Let us know your thoughts on *Key Model World* – drop us a line at subs@keypublishing.com today

Visit www.keymodelworld.com today!



TREE BUNDLE A (LT60100)

A mixed group of 12 model trees suitable for HO / N

£37.69

Web only offer. Saves 10% on the cost of individual trees

www.modelshop.co.uk

Photo etching
Dry transfers
Laser cutting
Resin & metal casting

MODEL MAKING PRODUCTS & SERVICES



Trains4U.com 27 St. David's Square, Fengate, Peterborough, PE1 5QA

Please see our website for opening times

Trains4U Exclusive

MOD KFA / PFB WARFLAT – OO Gauge



£35.00 each

Available to pre-order online now at Trains4U.com, by phone, email, or in our Peterborough store

Delivery due imminently

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

Features:
- Close coupling mechanism
- NEM coupling pockets
- Sprung buffers
- Detailed underframe
- Zinc alloy frame
- Convertible to P4/EM

Produced by

CAVALEX Models

Tel: 01733 895989 e-mail: Trains4U@BTConnect.com

Bespoke and trade enquiries please call Nigel Julian on
07971 741478
or
01332 781795
email: nigel@airframed.co.uk

AirFramed
Bespoke Glass Display Cases
www.airframed.co.uk



OO gauge loco & tender cases with mirrored or clear back wall (14" x 3" x 3") £35.00 plus p&p
Bespoke sizes made to order. Prices on application.

A2B MODEL RAILWAYS
Unit 3, The George Centre, 30 North Parade, Matlock Bath, Derbyshire, DE4 3NS

www.a2bmodelrailways.co.uk

APPROVED STOCKISTS
07711 318489

As Seen on the Channel 5 programme
"THE GREAT MODEL RAILWAY CHALLENGE"

We stock a full range of **HORNBY, BACHMANN** and **GRAHAM FARISH** products. Items can be pre-ordered online at competitive prices.

All customers who order up to April 2nd will be entered into a FREE PRIZE DRAW for a £100 VOUCHER



FREE POSTAGE on all items

OPEN: Tues, Thurs, Fri, Sat 10.30am–5pm
Sunday 10am–4pm

We offer a SKYPE shopping service kingston129@hotmail.co.uk

Possibly Hampshire's Largest Stockist of Model Railways, Diecast, Books, Magazines, Scalextric and much more...

Full range of model railway products from the leading manufacturers including:

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

Also stockists of Die cast models including: Corgi, EFE, Oxford Die-Cast, Base Toys & Classix.

Modelling materials & tools including: MIG, Vallejo & AK

accurascale OFFICIAL STOCKIST

Wide selection of books, DVDs & Magazines.



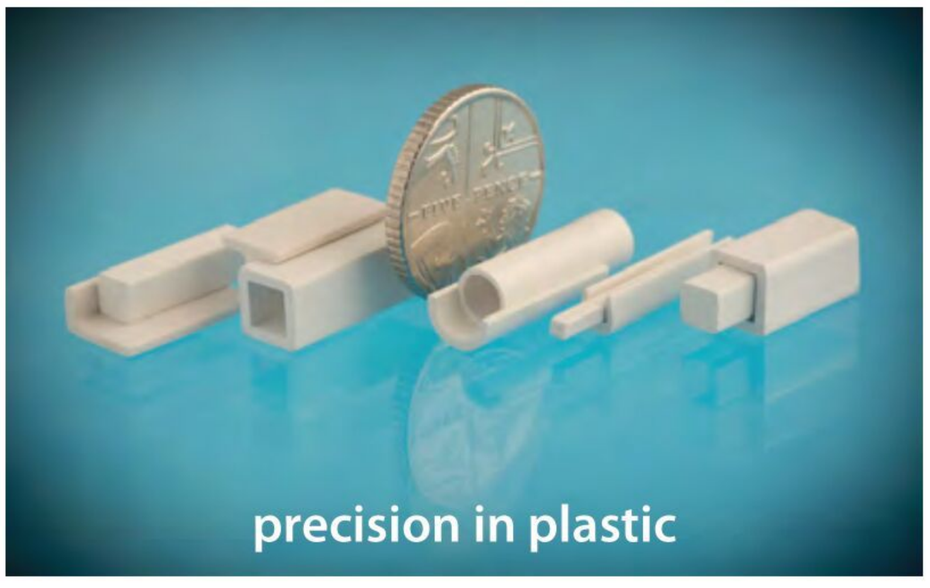
Monday: Closed
Tuesday to Saturday: 9.30am to 5.00pm
Sunday: See website / call
Tel: 01420 542244
altonmodelcentre.co.uk
7a Normandy Street, Alton
Hants, GU34 1DD

ALBION ALLOYS
Precision metals for craft, hobby & industry

MAQUETT

Maquett Plastic Profiles

Excellent quality • Super Styrene • Easy to cut, glue and use
Manufactured on high end extrusion presses
Precision profiles and intersections make for a precision build
Best price starts at - 48 pence per piece retail
Amazing value for money



33 cm lengths or 1 metre • White, clear and colour sheet • pvc foam board • x large white styrene Lexan clear • metal sheet • grid • grating mesh

For details of your nearest dealer/stockist/distributor please contact:
email: **sales@albionalloys.co.uk** website: **www.albionhobbies.com**
tel: **01202 511232**
Dealer enquiries welcome

BACHMANN * HORNBY * FARISH * PECO * RATIO *WILLS *METCALFE * MODELSCENE * GAUGEMASTER * FALLER * BUSCH * NOCH * DAPOL * OXFORD *JAVIS

Aspire Gifts & Models

OPENING TIMES: Mon 2pm-5pm Tues, Wed, Thurs 10am-5pm

The Model Shop for Modellers, Run by a Modeller

Suppliers of all Major Railway Brands, We Chip, Service and Repair Engines.

Layouts built from Track to finnished Item.

THOSAND'S OF ITEMS AVAILABLE ON OUR WEBSITE CREDIT CARDS WELCOME

Come and see the progress on our new 30' x 30' OO Gauge layout
Unit 4. Court Farm Business Park, Buckland Newton.Dorset. DT2 7BT
Telephone: 01300 345355 email:edward.aspire@btinternet.com
Website: www.aspiregiftsandmodels.co.uk

* WOODLAND SCENICS * KNIGHTWING * SUPERQUICK * WILLS * BASE

MAIL ORDER

031/21

THE MODERN RAILWAY 2021

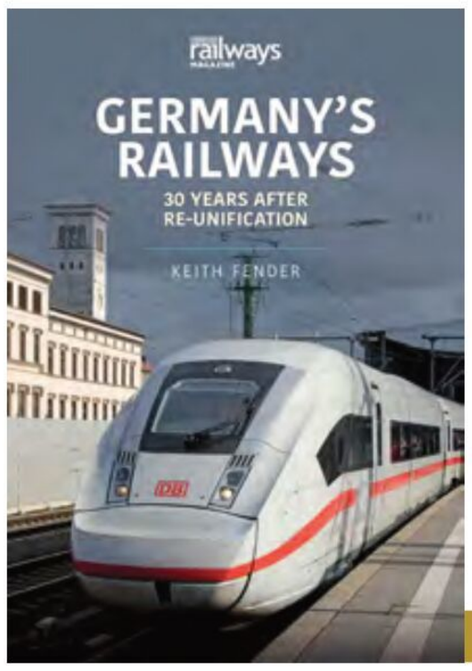


The Modern Railway 2021 offers a comprehensive review of the UK rail industry, together with an overview of events in Europe.
Hardback, 206 pages.

Subscribers call for your £5 discount

ONLY £25.00 Code: KB0037

GERMANY'S RAILWAYS

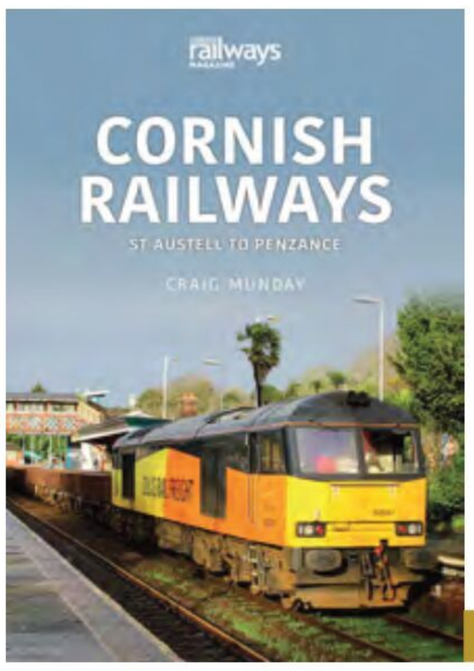


The World's Railways Series, Volume 3
This book traces the development of the unified German rail network and new national operator Deutsche Bahn.
Softback, 96 pages.

Subscribers call for your £2 discount

ONLY £14.99 Code: KB0026

CORNISH RAILWAYS: ST AUSTELL TO PENZANCE

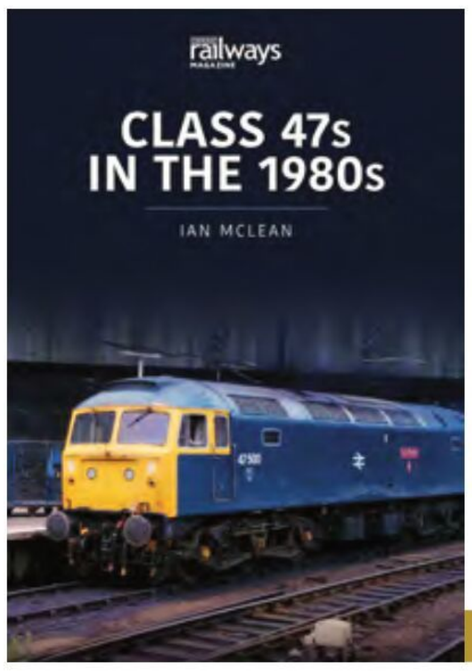


Britain's Railways Series: Volume 6
The railways of Cornwall. Follows the railway through the eye-catching landscape of the west of the county.
Softback, 96 pages.

Subscribers call for your £2 discount

ONLY £14.99 Code: KB0025

CLASS 47S IN THE 1980S

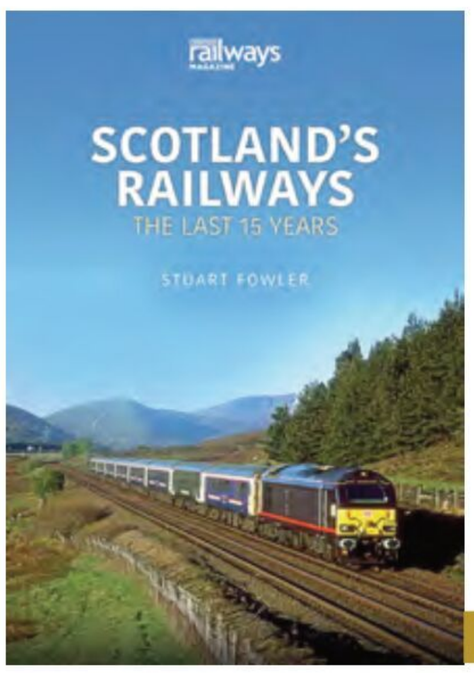


Britain's Railways Series: Volume 5
The Class 47 diesel locomotives were a mainstay of British Rail with 512 built in the 1960s. Softback, 96 pages

Subscribers call for your £2 discount

ONLY £14.99 Code: KB0018

SCOTLAND'S RAILWAYS: THE LAST 15 YEARS

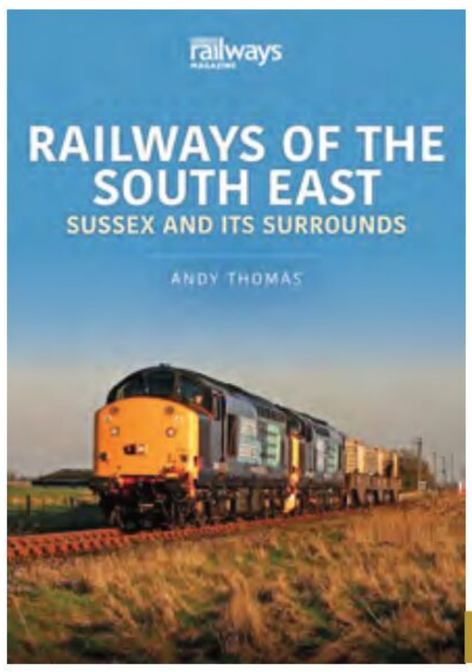


Britain's Railways Series: Volume 9
Details the huge variety of trains that have been seen on Scotland's rails in the last 15 years.
Softback, 96 pages.

Subscribers call for your £2 discount

ONLY £14.99 Code: KB0041

RAILWAYS OF THE SOUTH EAST



Britain's Railways Series, Volume 10
This first of two volumes covering the railways of the South East concentrates on locomotive-hauled traffic.
Softback, 96 pages.

Subscribers call for your £2 discount

ONLY £14.99 Code: KB0053

TO VIEW OUR FULL RANGE OF BOOKS, VISIT OUR SHOP

shop.keypublishing.com/books

Or call UK: 01780 480404 - overseas: +44 1780 480404

Monday to Friday 9am-5:30pm GMT. Free 2nd class P&P on all UK & BFPO orders. Overseas charges apply.
All publication dates subject to change

CM3MODELS

Call: 0333 050 2763



LAYOUT BUILDING SUPPLIES

LaisDcc Chips

Foliage / Lichen and Scatters
25 & 50mm Rubberised Horsehair
Teddy Bear Fur for grass and embankments
Plaster Bandage, LaisDcc Decoders
Wire, Connectors, Switches for both DCC & Conventional wiring
Modelling Card compatible with Scalescenes Kits
Styrene / Brass tubes & sections
Alan Gibson Coach & Wagon wheels and parts
Model Scene grass mats & flock

International postage

www.cm3models.co.uk

Email: **sales@cm3models.co.uk**

OSBORN'S MODELS



7 HONESTONE ST, BIDEFORD, N.DEVON, EX39 2DL 01237 423453

www.osbornsmodels.com

ESR Electronic Components Ltd

Mon to Fri 08:30 - 17.00, Sat 08:30 - 15:30 Tel: 0191 251 4363



- Diodes • Capacitors
- Electronic Modules •LED's
- Relays • Resistors • PCB's
- Switches • Transformers
- Multipole Connectors
- Cable • Lamps • Tools
- Tag Strip • Wire

Station Road, Cullercoats, North Shields, Tyne & Wear. NE30 4PQ

sales@esr.co.uk www.esr.co.uk

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

PROTOTYPE MODELS

Scale Models of Real Buildings

Production News

Although our range is rather depleted, some of our most popular products are still in stock. Other items will re-appear in due course.

46W8 GWR Loco Shed



46E8 LNER Loco Shed



46S8 SR Loco Shed



4mm scale kits

46E8	LNER Loco shed	£9.00
46E9	LNER Station	£7.00
46M6	LMS Goods shed	£7.50
46M8	LMS Loco shed	£8.50
46S8	SR Loco shed	£5.00
46T2	Victorian Bridges	£6.00
46T4	Corner Pub	£6.00
46W5	GWR Goods office	£3.00
46W8	GWR Loco shed	£5.00
46W9	GWR Station	£8.50

2mm scale kits

26E8	LNER Loco shed	£2.50
26M6	LMS Goods shed	£3.00
26M8	LMS Loco shed	£4.50
26S8	SR Loco shed	£3.00
26W5	GWR asst. b'dings	£2.50

7mm scale kit

76E7	LNER Signal Box	£16.00

4mm brick papers

46BR	Red brick	£1.50
46RT	Red tile	£1.50
46GT	Grey tile	£1.50

2mm brick papers

26BR	Red brick	£1.00
26BS	Black sooty brick	£1.00
26RT	Red tile (5)	£1.50
26GT	Grey tile (5)	£1.50

46M8 LMS Loco Shed



FREESTONE MODEL ACCESSORIES 28 Newland Mill Witney OX28 3HH Tel: 01993 775979 e: sales@freestonemodel.co.uk UK P&P £3.00

The Train Doctor



"Age should be no barrier to having DCC fitted!"

Have you been told your treasured loco can't be converted to DCC because it's too old? Come see the Train Doctor for a second opinion! We fit where others fail!
We carry out DCC fitting and repairs to anything 00 gauge.
DCC fitting from £39.95 (inc. decoder) Stay alive capacitors £16.95
Book a repair for £5.
No fix, no additional fees!

hobby TRAX

Call us or search our website for "Train Doctor" for more details.

0345 065 4472 www.hobbytrax.co.uk

MAD ABOUT TRAINS

- www.madabouttrains.co.uk -

106 Trinity Street, Gainsborough, DN21 1HS

- T: **01427 811040**
- E: **sales@madabouttrains.co.uk**

Mad About Trains is a well- stocked shop selling Bachmann, Graham, Farrish, Hornby, Dapol, Gaugemaster, Peco, Metcalfe, Ratio, Modelscene, Wills etc. An extensive range of scenic materials and accessories are always available including lights, infra-red signals, Belisha Beacons, grounds signals etc. We stock a range of paints, weathering powders, glues, track cleaner, liquid flux, model oil and smoke oil together with smoke generators etc.



As DCC Specialists we offer an advisory and information service, onsite repairs, weathering. DCC Decoder and sound fitting service, plus our unique extra function sound decoders. See us at the shop, at exhibitions or give us a call to discuss your requirements.

We offer a bespoke layout design and construction service and have a large layout in the shop where customers can hear the sound locos and get an idea regarding scenery etc.

ISINGLASS

Isinglass-Models.co.uk



Isinglass GNR D310 Milk Brake
Model and Photo by Ken Lavey

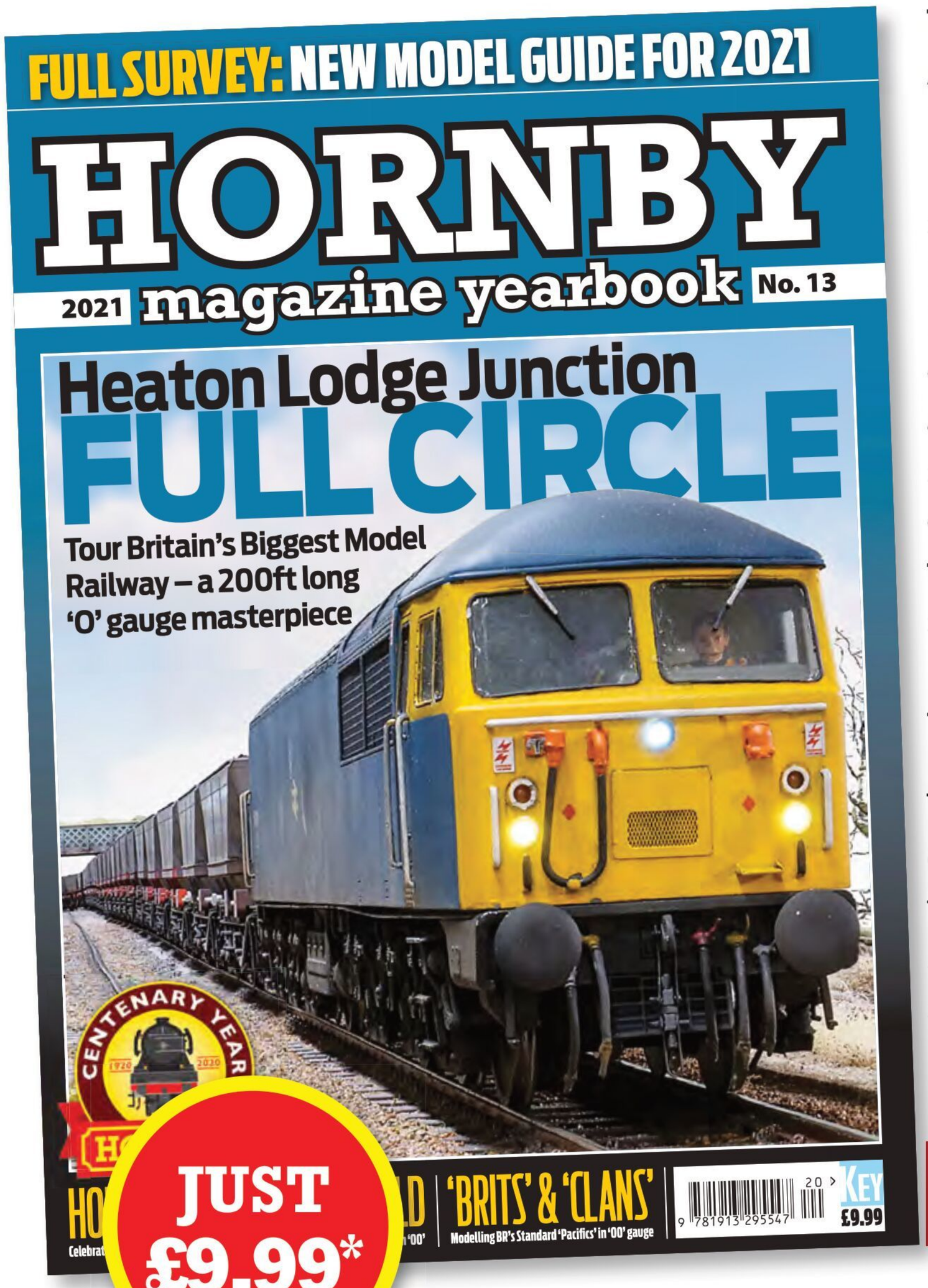
"The quality and fit of the Isinglass 3D printed parts is superb"

Mike Wild, Hornby Magazine.

Isinglass carriage kits, 3D printed in high detail resin. Easy to assemble, easy to paint

23 Oak Tree Road, Thatcham. Berks. RG19 4QP
Andy@Isinglass-models.co.uk 01635 925627

2021 Hornby Magazine Yearbook No.13 Bookazine



The thirteenth annual *Hornby Magazine Yearbook* is here in softback 132-page bookazine format and offers a spectrum of modelling features including a full tour of Britain's Biggest Model Railway, our latest exhibition layout build to create a typical Great Central Railway station in 'OO' gauge, our review of new models from 2020, a look forward to 2021 and a host of step by step guides using the latest products and arrivals for the model railway scene.

The *Hornby Magazine Yearbook* covers all major scales and gauges from the British model railway scene as well as encompassing steam, diesel and electric traction.

Don't miss it!

132 PAGES, SPECIAL MAGAZINE

JUST £9.99*

***Please note:* The hardback version of this yearbook has now SOLD OUT.**

ORDER DIRECT

Free P&P* when you order online at

shop.keypublishing.com/hm13bookazine

CALL - UK: **01780 480404** • Overseas: **+44 1780 480404**

(Monday to Friday 9am-5:30pm)

SUBSCRIBERS CALL FOR YOUR £2.00 DISCOUNT!

*Free 2nd class P&P on all UK & BFPO orders. Overseas charges apply.

029/21

HORNBY®

Retail Partners

CUMBRIA

- **JACKSONS MODELS & RAILWAYS**
  33 New Street, Wigton, Cumbria CA7 9AL
  Telephone: **01697 342557**
  Email: **info@jacksonsmodels.co.uk**
  Website: **www.jacksonsmodels.co.uk**

DERBYSHIRE

- **A2B MODEL RAILWAYS**
  30 North Parade, Matlock Bath,
  Derbyshire DE4 3NS
  Telephone: **07711 318489**
  Email: **kingston129@hotmail.co.uk**
  Website: **www.a2bmodelrailways.co.uk**
- **WD MODELS CHESTERFIELD**
  25 Chatsworth Road, Chesterfield,
  Derbyshire S40 2AH
  Telephone: **01246208244**
  Email: **info@wdmodels.co.uk**
  Website: **www.wdmodels.co.uk**

DEVON

- **SHADYLANE MODELS**
  11 Grenville Street, Bideford,
  North Devon EX39 2EA
  Telephone: **01237 238872**
  Email: **shadylane@live.co.uk**
  Website: **www.shadylanemodels.co.uk**

HAMPSHIRE

- **A C MODELS**
  7/9 High Street, Eastleigh,
  Hampshire SO50 5LB
  Telephone: **02380 610100**
  eBay: **acmodels2** or **tracksidecars**
  Website: **www.acmodelseastleigh.co.uk**
- **ALTON MODEL CENTRE**
  7A Normandy Street, Alton,
  Hampshire GU34 1DD
  Telephone: **01420 542244**
  Email: **Sales@AltonModelCentre.co.uk**
  Website: **www.altonmodelcentre.co.uk**
- **RON LINES**
  342 Shirley Road, Southampton,
  Hampshire SO15 3HJ
  Telephone: **0238 0772681**
  Email: **r.lines@hotmail.co.uk**
  Website: **www.ronlines.com**
- **WICOR MODELS**
  7 West Street, Portchester,
  Hampshire P016 9XB
  Telephone: **02392 351 160**
  Email: **mail@wicor-models.co.uk**
  Website: **www.wicormodels.com**

KENT

- **THE HOBBY SHOP**
  85 Preston Street, Faversham,
  Kent ME13 8NU.
  Telephone: **01795 531666**
  Email: **info@hobb-e-mail.com**
  Website: **www.hobb-e-mail.com**

LONDON

- **JANES TRAINS**
  35 London Road, Tooting,
  London SW17 9JR
  Telephone: **020 8640 1569**
  Email: **janestrainsemail@aol.com**
  Website: **www.janestrains.co.uk**

NORFOLK

- **SMITHS MODEL RAILWAYS**
  10 Station Road, Sheringham,
  Norfolk NR26 8RE
  Telephone: **01263 478420**
  Email: **info@smithsmodelrailways.co.uk**
  Website: **www.smithsmodelrailways.co.uk**

NORTHAMPTONSHIRE

- **THE RAILWAY CONDUCTOR**
  Unit 2,The Old Dairy Farm,
  Shopping and Craft Centre Upper Stow,
  Northamptonshire, NN7 4SH
  Tel: **01604 830722**
  Mob: **07961 757094**

NORTHUMBERLAND

- **J & J MODELS**
  Unit 8 Packhorse Buildings,
  17 Newgate Street, Morpeth,
  Northumberland, NE16 1AW
  Telephone: **01670 503885**
  Email: **enquries@jandjmodels.co.uk**
  Website: **www.jandjmodels.co.uk**

NORTH YORKSHIRE

- **PETERS SPARES MODEL RAILWAYS LTD**
  2J Brighouse Business Village, Riverside Park,
  Middlesbrough, Teesside TS2 1RT
  Telephone: **01642 909794**
  Email: **sales@petersspares.com**
  Website: **www.petersspares.com**

SCOTLAND

- **HARBURN HOBBIES**
  67 Elm Row, Leith Walk, Edinburgh EH7 4AQ
  Telephone: **0131 556 3233**
  Email: **sales@harburnhobbies.co.uk**
  Website: **www.harburnhobbies.co.uk**
- **TIME TUNNEL MODELS**
  Unit 3, Fenton Barns Retail Village,
  North Berwick EH39 5BW
  Website: **www.timetunnelmodels.com**
- **THE SPORTS & MODEL SHOP**
  66 High Street, Dingwall, Ross-shire IV15 9RY
  Telephone: **01349 862346**
  Email: **sales@sportsandmodelshop.co.uk**
  website: **www.sportsandmodelshop.co.uk**
- **UDDINGSTON MODEL CENTRE**
  161 Main St, Uddingston,
  Glasgow G71 7BP
  Telephone: **01698 813194**
  Email: **john@uddingstonmodelcentre.co.uk**
  Website: **www.uddingstonmodelcentre.com**

STAFFORDSHIRE

- **TOPP TRAINS LLP**
  28 Marston Road, Stafford, Staffs ST16 3BS
  Telephone: **01785 247883**
  Email: **toppstrains@gmail.com**
  Website: **www.topptrains.co.uk**

SUFFOLK

- **MODEL JUNCTION**
  10 Whiting St, Bury St. Edmunds,
  Suffolk IP33 1NX
  Telephone: **01284 753456**
  Email: **modeljunction@hotmail.co.uk**
  Website: **www.modeljunction.com**

TYNE & WEAR

- **POOLEYS PUFFERS**
  382a Jedburgh Court, Eleventh Avenue,
  Team Valley Trading Estate, Gateshead,
  Tyne & Wear NE11 0BQ
  Telephone: **0191 491 0202**
  Email: **pooleyspuffers@btopenworld.com**
  Website: **www.pooleyspuffers.com**

WALES

- **KDC HOBBIES**
  50 Saron Road, Capel Hendre, Saron,
  Ammanford, Carmarthenshire, SA18 3LG
  Telephone: **01269 831332/07746691416**
  Email: **kdchobbies@aol.com**
  Website: **www.kdchobbies.co.uk**
- **TRAINSTOP**
  10 High Street, Knighton, Powys LD7 1AT
  Telephone: **01547 520673**
  Email: **sales@trainstop.co.uk**
  Website: **www.trainstop.co.uk**

WARWICKSHIRE

- **TONY'S TRAINS OF RUGBY**
  Studio 4, The Locks, Hillmorton,
  Rugby CV21 4PP
  Telephone: **01788 543442**
  Email: **tonystrains@outlook.com**
  Website: **www.tonystrainsofrugby.com**

WEST SUSSEX

- **MORRIS MODELS**
  80 Manor Road, North Lancing,
  West Sussex, BN15 0HD
  Telephone: **01903 754850**
  Email: **info@morrismodels.co.uk**
  Website: **www.morris-models.co.uk**

WEST YORKSHIRE

- **FRIZINGHALL MODELS & RAILWAYS**
  Unit 8A, Sapper Jordan Rossi Park, Otley Road,
  Baildon, West Yorkshire BD17 7AX
  Telephone: **01274 747447**
  Email: **shop@fmrdirect.co.uk**
  Website: **www.modelrailshop.co.uk**

To advertise your details here please contact:

- **ALISON CHATER - Sales Executive**
  Tel: **01780 663011** Ext: **146** - Email: **alison.chater@keypublishing.com**
- **LEANNE MAWER - Sales Executive**
  Tel: **01780 663011** Ext: **145 -** Email: **leanne.mawer@keypublishing.com**

To see the full list of all Hornby stockists visit **www.Hornby.com/stockists**

ACCESSORIES

GM Model Supplies
10% OFF
YOUR WEBSITE ORDER WITH NO MINIMUM SPEND!
with code 'HORNBY10'

LIFE-LIKE QUALITY... MINIATURE PRICES
A range perfect for scale modellers, collectors & enthusiasts
- Popular Oxford Diecast Models
- Airfix Quickbuild Range
- Humbrol & Revell Kit Glue
- Model Figures
- Model Scenery Accessories

Beat the Boredom with a New Hobby!

All major credit /debit cards, PayPal, over the phone, postal cheque

T: 01235 868794 - E: customerservice@gmmodelsupplies.co.uk
www.gmmodelsupplies.co.uk @gmmodel supplies

P & D Marsh
Whitemetal kits, hand painted models and laser cut wooden structures in N & 00.
Painted signals available in N and 00.
Free price list available.
48 Elm High Road, Wisbech PE14 0DQ
Tel: 07730 202270
www.pdmarshmodels.com

Skytrex Model Railways
Unit 1 Charnwood Business Park, North Rd, Loughborough, Leics LE11 1LE
tel: 01509 213789
For OO Gauge
www.skytrexmodelrailways.com
For O Gauge
www.ogauge.co.uk
Free subscription to newsletters!
Details on websites

Model Railway DEVELOPMENTS
Visit our NEW website for further details
www.emardee.co.uk
Or call 01372 817 504

BOOK SHOP

Relocated to new premises in Matlock where we will be continuing our online business
BILL HUDSON TRANSPORT BOOKS
FAMILY RUN BUSINESS SELLING NEW & SECONDHAND RAILWAY TITLES
To view our stock please call or email in advance
www.billhudsontransportbooks.co.uk
Call: 07921 833469

GRAPHICS

ElectraRail Graphics
electrarail.co.uk


Visit: www.electrarail.co.uk
Phone: 07906 148070 (Evenings)
Professionally printed vinyl overlays in N and OO Gauge.

BOOKS

RAILWAY BOOKS
Rare and out of print 5,000+ to view at:
www.nigelbirdbooks.co.uk
Tel: 01974 821281

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 + Thur 14:00-20-00
www.railwaybook.com nick@railwaybook.com
Tel: 01484 518159

Railways Buses Aviation Canals Shipping Commercial Motoring Vehicles
DEREK'S TRANSPORT BOOKS
All Transport Subjects Covered
www.derekstransportbooks.com
Over 8000 Books in Stock on-line
Based in the New Forest
Est. 1995

CONTROLS/UNITS

TRAINS SLOWING DOWN ON GRADIENTS & CURVES?
Try a TRAX analogue N/OO controller with feedback...

No more jackrabbit starts! Our FC-1 walkabout controller is ideal for running older, heavier locos (Dublo, Tri-ang) and new models alike. 14-18V ac in, 0-12V dc out at 1.5A. £33.95 + £4 p/p.
www.traxcontrols.com/shop or S.A.E. details. TRAX CONTROLS, 112 Sprowston Road, Norwich, Norfolk, NR3 4QH.

DISPLAY/LAYOUTS

Platform 3 Models
Layouts designed and built From N to Garden railways based in the south west
All loco Servicing & Repairs and DCC decoder installation for N & OO
Contact Tom Hussey
Tel: 07811 903231
Email: platform3models@hotmail.co.uk
Web: platform3models.co.uk

HARDWARE & FIXTURES

ALWAYS IN STOCK:
Huge range of miniature fasteners, including self tappers from No 0 Gauge.
ModelFixings.co.uk
also the home of ModelBearings.co.uk
- Taps, Dies & Drills
- Miniature Bearings
- Adhesives & Tools
- Circlips
- E-Clips
- Starlocks

EST. 2003 Fast mail order service
Tel: +44 (0)115 854 8791 • Email: info@modelfixings.com

INSURANCE SERVICES

Underwritten by ansvar
magnet
SPECIALIST MODEL RAILWAY COLLECTION INSURANCE
from £67.20* per annum
Our Model Railway Collection Policy is designed for individuals who own and/or exhibit their own Model Railway, including Garden Railways and Model Railway Engineers (up to a track width of 7.25inches/185mm).
The policy provides cover anywhere in the UK at any location, including in transit and whilst at an exhibition. Optional cover can be added to include Public Liability for ride-on passenger carrying locomotives and rolling stock
Full policy terms and conditions available at www.modelrailwayinsurance.co.uk
*Based on sums insured of £12,500
We also offer: Exhibition Insurance & Club or Society Insurance
Call us on 01636 858249
www.modelrailwayinsurance.co.uk
Newark Beacon, Cafferata Way, Newark, NG24 2TN
Authorised and regulated by the Financial Conduct Authority

DISPLAY/LAYOUTS



Layout Building - Custom Buildings
Bespoke Baseboards - Scenery
www.modellayoutservices.co.uk
Tel: 01337 830007

KITS/COMPONENTS

3dk
Downloadable Model Railway Card Kits
Instant Downloads Straight to your Computer from www.3dk-shop.co.uk
Check out our YouTube and Instagram channels
From one download you get unlimited prints.
ONLY £3.90
ONLY £5.99
OO Gauge Walled Brick Arch Bridge
OO Gauge Brick Arch Bridge
Try our free building kit
www.3dk-shop.co.uk

KITS/COMPONENTS

Severn Models
Fine Kits of Buildings & Miniature Detailing

Kits for N, OO & O layouts
Severn Models, PO Box 785,Broseley, TF7 9FT.
www.SevernModels.com

BRANCH LINES
Mashima, Hanazono, Canon motors.
Gears, gearboxes, bearings, drive shafts, wheels, crankpins, etc.
Black Beetle wheels, Tenshodo motor bogies
4mm loco and chassis kits and detailing parts and accessories.
4 and 7mm narrow gauge loco, coach and wagon kits, chopper couplings
4mm etched coach and PBV kits (MR/LMS, LBSCR,SECR,SR,TVR)
7mm Ford T Railbus, coach kits.
P.O. BOX 4293, WESTBURY, BA13 9AA
Tel/Fax: 01373 822231
E-mail: sales@branchlines.com
Catalogues: e-mail or SSAE + £1 in stamps or £2.50 C/card and PLEASE STATE INTERESTS

DCC CONVERSIONS

Mark's Trains
Est. 2016
A RENOWNED SPECIALIST DCC CONVERSION SERVICE
• All scales and budgets • Friendly, reliable service
• Quick turn-around • Servicing and repairs • Weathering
• Resprays • Kit building service • ESU, Digikeijs & Lenz dealer
www.marks-trains.co.uk
01733 609 414 - info@marks-trains.co.uk
#MarksTrainsUK
marks.trains.uk marks_trains_uk

To advertise please call:
ALISON - 01780 663011 Ext: 146
Email: alison.chater@keypublishing.com
LEANNE - 01780 663011 Ext: 145
Email: leanne.mawer@keypublishing.com
APRIL 2021
Copy Deadline: 11th February
On-Sale: 4th March

KITS/COMPONENTS

- 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

EXTREME ETCHINGS

SHAWPLAN

2 Upper Dunstead Road
Langley Mill Nottingham
NG16 4GR
email: brian@shawplan.com

Specialist suppliers of the finest quality nameplaces and detailing components for the Diesel and Electric era in 2, 4 and 7mm scales.

01773 718648
www.shawplan.com

MODEL SHOPS

Visiting the Isle of Wight?

Two floors of
locomotives, wagons, coaches, buildings, scenery, electrics, figures, cars and more!

N/OO9/HO/OO/On30/G

UPSTAIRS DOWNSTAIRS
Pier Street - Sandown - PO36 8JR
01983 406 616 - www.udiow.com

MODEL JUNCTION

The Best Model Shop In Suffolk

Peco
Hornby
Bachmann
Gaugemaster
Metcalfe Models
And So Much More



Whiting St. Bury St. Edmunds IP33 1NX
www.modeljunction.com
Open Mon - Sat 9.00 - 5.00 **01284 753456**

MODEL SHOPS

JOHN DUTFIELD LLP
CALL: 01245 494455
E: heatherwilkinson@btconnect.com

WISHING YOU ALL A BETTER 2021

Wards Yard | 133 Springfield Park Rd | Chelmsford | Essex | CM2 6EE
www.johndutfieldmodelrailways.co.uk

• PECO • HORNBY • BACHMANN • FARISH • DAPOL • HELJAN • CAVALEX • ACCURASCALE • EXPO
plus many other Brands. Secondhand bought and sold.

OPEN: 9am-5.30pm
CLOSED: Weds, Sun & Bank holidays

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

EDWINSTOWE TRAINS N THINGS
HORNBY **@BENHAMS**

Model Railway Retailer of:-
Train Sets, Engines, Rolling Stock of Hornby, Bachmann, Graham Farish, Gaugemaster, Dapol & Accessories.
New & Second Hand

Tel: 01623 822302 Mob: 07435 967999
Email: shop@benhamsonline.com
45 High Street, Edwinstowe NG21 9QR
www.benhamsonline.com

Millennium Models

Hornby, Bachmann, Peco & Gaugemaster
New and Secondhand Stock
Javis, Dapol, Metcalfe, Corgi & Oxford

67 Queen Street, Morley, Leeds
LS27 8EB • Tel: **0113 2189 286**
www.millenniummodels.co.uk



PAIGNTON MODEL SHOP

Stockist of:
Hornby, Bachmann, Peco, Woodland Scenics, Metcalfe, Superquick, Airfix, Scalextric, Ratio, Wills & Scenerama
N Gauge stockist for Farish
Loco Weathering Service Available

60 Hyde Road, Paignton, Devon TQ4 5BY
Tel: 01803 555882
Email:
paigntonmodels@hotmail.co.uk
Website:
www.paigntonmodelshop.com

Topp Trains www.co.uk

NEW
Shop for model railway enthusiasts
OPEN NOW
Free Parking

Wide range of stock from all your favourite suppliers, PLUS weathering, repairs and servicing..

Call us for details

28 Marston Road, Stafford, ST16 3BS
Tel: 01785 247883

A C Models

Tel: 02380 610100 www.acmodelseastleigh.co.uk

We have now expanded to number 9 High Street and our Spares Department & Games Workshop at number 7 is now open
Visit us at www.acmodelsspares.co.uk.

New R/C Dept now open

Your one stop shop for the model enthusiast, selling brand new and near new model trains, slotcars, sets, and diecast toys at very special prices direct from our website or our shop in Eastleigh.

Stockists of

SCALEXTRIC HORNBY Spectrum PECO AIRFIX BACHMANN

and much more

VISA PayPal MasterCard

7/9 High Street, Eastleigh, Hants SO50 5LF
email: info@acmodelseastleigh.co.uk Closed Weds, Sun.

MODEL SHOPS

HIGH LANE MODEL RAILWAYS

Stockport Indoor Market, Marketplace, Stockport, SK1 1ES
Email: **info@highlanemodelrailways.co.uk** Tel: **07955 362105**

Stockist of • JAVIS • GAUGEMASTER • DAPOL • BACHMANN • GRAHAM FARISH • HELJAN
New and Pre-owned Model Railways in gauges • OO/HO • N • O
Also stock • Diecast cars • Buses • Track • Scenic accessories, paints and adhesives

Open: 9.00am till 4.30pm Tuesday, Thursday, Friday & Saturday

---

CAMBRIAN *4mm Wagon Kits*

Over 100 kits spanning pre grouping to the 1990's. Worldwide Postage (No VAT outside UK).



16mm (1:19) Narrow Gauge Components are also available. Send C5 SAE for either list.

cambrianmodelrail.co.uk
01322 515672 2pm-4pm
cmr@cambrianmodelrail.co.uk
PO Box 85, Greenhithe, Kent. DA10 9DN

TRIDENT TRAINS

No10, The Craft Arcade, Dagfields Craft Centre
Crewe Road, Walgherton, Nantwich,
Cheshire. CW5 7LG

www.tridenttrains.co.uk
01270 842 400

We stock
HORNBY-BACHMANN-GRAHAM FARISH-DAPOL OO & N
PECO-RATIO-WILLS-RAILMATCH PAINTS-HUMBROL
PLASTRUCT-JAVIS-WOODLAND SCENIC-OXFORD DIECAST
METCALFE OO & N-SUPERQUICK-TCS DECODERS-LENZ DCC
GAUGEMASTER-TRACKSETTA 00 & N + MUCH MORE.
WEDNESDAY – SUNDAY 10.00 TIL 5.00

Maestro PayPal

Tel: 01933 355531
Mobile: 07969 535 699

H & A MODELS

19 Keats Way, Higham Ferrers, Northants. NN10 8DQ
Email:sales@hamodels.net

VISA MasterCard

Coach & Wagon Kits, Wheels, Decals, Wag•on Loads, Paint & Sundries

Parkside Models • Dundas Models • Cambrian • Slaters • Ian Kirk • Red Panda • Dapol • Kadee • Ratio • Peco
Bullfrog Snot • Modelmaster • Old Time Workshop • Labelle Oils • Alan Gibson • Romford • Seuthe • Smiths

SLATERS 4MM WAGON KITS NOW IN STOCK – RED PANDA EXCLUSIVELY AVAILABLE FROM US

Order on line at: www.hamodels.net or ring us (same day or next day despatch)
Precision Paint & Carrs now available to purchase on Line and Mail Order
Complimentary EM & P4 wheel swops for 4mm Parkside Kits purchased from us

---

Kent Garden Railways

16mm and G Scale Specialists

LGB ◆ Bachmann ◆ Aristocraft ◆ Accucraft ◆ Peco ◆ Piko ◆ Pola ◆ Roundhouse etc
00 and N from leading suppliers ◆ Hornby ◆ Bachmann ◆ Farish ◆ Heljan

68 High Street, St Mary Cray, Orpington, Kent, BR5 3NH **Tel: 01689 891668**
Internet, Telephone & Exhibition Sales www.kgrmodels.com

CHURCH STREET MODELS



OPEN 5 DAYS A WEEK
Mon & Wed to Sat
09.30-17.00
CLOSED Tues & Sun
NEW WEBSITE

Stockists of 00 & N Gauge from
• Bachmann • BT Models • Dapol
• Deluxe Materials • Dornaplas • EFE
• Farish • Gaugemaster • Heljan
• Hornby • Humbrol • Kestrel • Metcalfe
• Modelscene • Oxford Diecast/Rail
• Peco • Plastruct • Ratio • Superquick
• Wills • Woodland Scenic

10A Church Street, Basingstoke, Hants RG21 7QE
01256 358060
www.churchstreetmodels.co.uk

VISA MasterCard

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
(Next to the New Ceasers Restaurant)
E: **gravesendmodelcentre@gmail.com**
Tel: **01474 536531**
Find us on facebook
www.gravesendmodelcentre.co.uk

MODEL SHOPS

Redcar Models & Hobbies,
130 High Street,
Redcar, Cleveland
Stocking a wide range of 'OO' railways by Bachmann, Hornby, Peco and Gaugemaster
Tel: 01642 494 912
sales@redcarmodels.co.uk

THE HOBBY GOBLIN
STOKE-ON-TRENT
54 Hamil Road, Burslem ST6 1AU
Bachmann, Farish, Scenecraft, Woodland Scenics, Hornby, PECO, Dapol, Gaugemaster, Lenz, Metcalfe and much more!
T: 01782 818433
e: thehobbygoblin-uk@hotmail.com
www.thehobbygoblin.co.uk

ORWELL MODEL RAILWAYS
Ipswich Model Railway Centre
48-52 Tomline Road, Ipswich IP3 8DB
CALL: 01473 724578
OPEN
• Monday-Friday - 10:00 - 16:00
• Wednesday - 10:00 - 18:00
• Saturday - 10:00 - 17:00
Visit our website at...
www.orwellmodelrailways.co.uk

EEZYLOADS
Quality mineral based model railway track ballast, model coal, wagon loads & scenic materials.
Email: sales@eezyloads.co.uk
www.eezyloads.co.uk

THE RAILWAY SHOP
33 Broad Street, Blaenavon, Torfaen NP4 9NF
01495 792263
Bachmann - Hornby - Peco - Dapol - Wills
Ratio - Gaugemaster - Kadee - Metcalfe - Heljan
all at discount prices Mail order welcome
NEW • NEW • NEW
Basil Jayne - 7 Plank Wagon
£10.25 + £2.85 p&p
NEW • NEW • NEW
Open Weekdays: 10.30 - 5.00 • Sat. 10.30 - 4.00
Profits support the Pontypool & Blaenavon Railway

RECREATION21
3D PRINTED MODELS
ORDER ONLINE
Various Scales
Gauge 1,0,S
00,H0,TT,N
009,016.5
SM32,G
and more
www.rue-d-etropal.com

LORD AND BUTLER CARDIFF
2000 sq ft model railway showroom CAFE & FREE PARKING
LORD AND BUTLER
CARDIFF MODEL RAIL CENTRE
The Old Warehouse The Pumping Station
Penarth Rd Cardiff CF11 8TT
OPEN Mon - Sat 10-5.30 Sunday CLOSED
029 2066 7225 info@lordandbutler.com lordandbutler.com

mike's models
- THE MODELLERS MODEL SHOP -
Contact us on:
3-5 Brockwell Rd, Birmingham B44 9PF
01213 604 521
Email: info@mikes-models.co.uk
www.mikes-models.co.uk
Over 11,000 products in stock covering all aspects of model making.
Great after sales support.
From ready to go train sets to materials for your layout or anything in between.

THE SPORTS MODEL SHOP
We are a traditional model shop based in the Highlands.
Brands available include **Hornby, Bachmann, Graham Farish, Peco and Dapol**
We also stock a wide range of plastics, metals and scenics
www.sportsandmodelshop.co.uk
You can also order by telephone 01349 862 346 Mon-Sat 9:15-17:00

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 to Fri 10am-5pm & Sat 9am-4pm

AGR MODEL RAILWAY STORE
NOW buying your unwanted model railway collections
NOW STOCKING A WIDE SELECTION OF PRE-OWNED MODEL & NEW RAILWAY COLLECTIONS ONLINE & INSTORE
www.agrmodelrailwaystore.co.uk
Monday – Friday 9am-5pm Saturday 9am-4pm
AGR Model Railway Store
9 High Street Mews,
28 High Street,
Leighton Buzzard
Bedfordshire, LU7 1EA
01525 854788
sales@agrmodelrailwaystore.co.uk



NAMEPLATES/ETCHINGS

247 DEVELOPMENTS
For your 2mm & 4mm Loco plates &
4mm Loco detailing parts & Coach Bogies
247 Developments, 1 Pen Y Banc,
Seven Sisters, Neath, SA10 9AB
01639 701583
Email; info@247developments.co.uk
Web Site 247developments.co.uk

ONLINE MODEL SHOP

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

ONLINE MODEL SHOP

RAILWAYSCENICS www.railwayscenics.com
We stock a variety of electrical components including LEDs, connectors, wire and switches as well as modelling/craft tools, plastic sheet and mouldings, scenic scatters, ballasts and much more.
Call us on 01747 826269 or email to sales@railwayscenics.com
14 Woodsage Drive, Gillingham, Dorset SP8 4UF

THE ORIGINAL DCC FITTING SERVICE

THE ORIGINAL DCC FITTING SERVICE
Wickness Models
• DCC Fitting Service
• All Gauges
• DCC Products
• Layout Accessories
• DCC Sound Decoders
www.wicknessmodels.co.uk • Call Douglas on: 07506 689978

WANTED

Tri-angman
Specialist in Model Railway
Tri-ang, Hornby, Bachmann, Wrenn, Minic, etc
BUY & SELL HARD TO FIND ITEMS & COLLECTABLES
Find me on www.tri-angman.co.uk
Tel: 07966 333605 Email: laurence@tri-angman.co.uk

GRIMY TIMES MODEL RAILWAYS

www.grimytimes.co.uk

187 Orford Lane, Warrington, Cheshire WA2 7BA

Open daily 10am-5.00pm Closed Thursdays & Sundays

01925 632209
07921 830484



The Home of Grimy Times Weathering

- Excellent range of products and very competitive prices.
- Weathering, Renumbering & Renaming Service.
- Displays of pre-weathered locomotives for sale.
- Advice from professional railway modellers.
- DCC fitting service / Repairs & Servicing.





HORNBY PECO METCALFE GRAHAM FARISH by BACHMANN

Sankey Scenics

Over 1000 different packs of Quality Signage & Titled Trains

NEW WEBSITES

COACH DESTINATION BOARDS



The Miniature Signage Specialist for British Railway Modellers

www.sankeyscenics.com

BCL bclstore.co.uk

Bclstore.co.uk

Sales 01429 297277

We are introducing our new Sound Controller the SS600.
It is available on our web site bclstore.co.uk
Or you can give us a call on 01429 297277

NEW

SS600 Sound Controller



The NEW Sound Controller SS600 has a few more features. It comes in a slimline enclosure just 220mm left to right, 140 front to back, 20mm at the front & 45mm at the back. A built in speaker and a 5w Stereo amp for external speakers. It has a write on panel to note your sounds.

Scalable from the largest of layouts to smaller single track book shelf type lay-outs irrespective of gauge. With up to 15 sound effects available to play on demand, they can be played either individually or together to give a richer mix to the scene. All sound tracks can be initiated by moving the toggle switch down momentarily, or with the toggle switch in the UP position by using magnetically activated switches in the track bed , from a small magnet fitted under the loco-motive or rolling stock.
It comes with a SD card with 15 basic sounds or you can choose the 15 sound you want from our list of over 170 sounds at the time of ordering, a plug in power supply, 6 Reed sensors, and 6 magnets to get you started.

Remember your imagination is the limitation in creating your railway sounds.

We have over 100 specialist circuits for every application

Have a look on **thehobbyshed.club** for Inspiration & Solutions

We accept all forms of Payment on the web site bclstore.co.uk If you have any problems ordering please contact us

BURE VALLEY MODELS

www.burevalleymodels.com

Check out our Hornby prices...

R3171	Class P2 2001 Cock O The North LNER Green	£79.00
R3276	LMS Black Compound with Fowler Tender	£50.00
R3406	BR J50 Departmental No. 14	£55.00
R3447	B17 2842 Kilverstone Hall LNER Green	£95.00
R3521	D16/3 8802 LNER Black	£83.00
R3523	B17 61665 Leicester City BR Green Early	£94.00
R3568	BR Class 71 E5018 BR Green	£99.00
R3588	B17 2864 Liverpool LNER Green	£72.00
R3617	Rebuilt Merchant Navy Elder Dempster Lines	£127.00
R3619	BR Castle 5013 Abergavenny Castle	£115.00
R3640	Peckett Willans and Robinson NICLAUSSE	£80.00
R3697	DRS Northern Belle Train Pack	£115.00
R3721	Class 61xx Large Prairie 6110 GWR Green	£105.00
R3723	Class 61xx Large Prairie 6145 BR Black Early	£105.00
R3737	BR A4 60022 Mallard BR Blue Early	£135.00
R3750	Belmond British Pullman Train Pack	£225.00
R3760	GBRf Class 59 59003	£65.00
R3811	LB&SCR, Terrier 48 Leadenhall	£67.50
R3812	SR Terrier W10 Cowes	£67.50
R3855	BR Princess Royal 46211 Queen Maud	£142.50
R3856	BR Princess Coronation 46257 City of Salford	£152.00
R3884	Class 60 DB Cargo UK Midland Railway-Butterley	£135.00
R3885	Class 60 DB Cargo UK 60062 Stainless Pioneer	£135.00
R3901	Class 60 Colas Rail 60021	£135.00

HORNBY

Shop open 7 days a week 9am to 5pm
Aylsham Station, Norwich Road, Aylsham, Norfolk, NR11 6BW
01263 733858 shop@bvrw.co.uk
Postage £5.00 per order to UK destinations. All major credit cards accepted
NB. Cheques made payable to Bure Valley Railway

Sig-naTrak®

Model railway electronics by *GFB Designs*

Our popular DCC controller!



- Up to 9999 train and 2044 accessory adresses
- Trains and accessories can be named
- Easy to use - elegant, clearly-labelled touch keys - clear, colour graphical display
- Drive from the touch panel, or optional handsets
- Integrated USB interface!
- Generous 5A output!

£262.00

The ACE-2 (DCS2044-2H)
NMRA-compliant DCC controller with full decoder programming and reading.
Computer control, XpressNet and LocoNet planned - user upgradable!
Compact: only 220x150x45mm!

January 2021 - UPDATE

Further product development has been delayed, owing to our recent move, but we expect to roll out our new DAC22 accessory decoder this month. Version 4 of the ACE software will follow.

Order deliveries are taking between 5-10 working days.

£30.00

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 - *call for availability update.* POA
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, Dunswell, Hull, HU6 9FG
Tel: 07968 057919
(Sorry - no callers.)
Email: info@signatrak.co.uk; Web: www.signatrak.co.uk

NEXT ISSUE

S&D SPECIAL

March 2021 marks 55 years since closure of the much-lamented Somerset and Dorset Railway between Bath Green Park and Bournemouth via places including Midsomer Norton, Chilcompton, Masbury Summit and Evercreech Junction. To mark the occasion next issue will include a special collection of features including layout plans, train formations and the best S&D layouts. Don't miss it!



PLUS

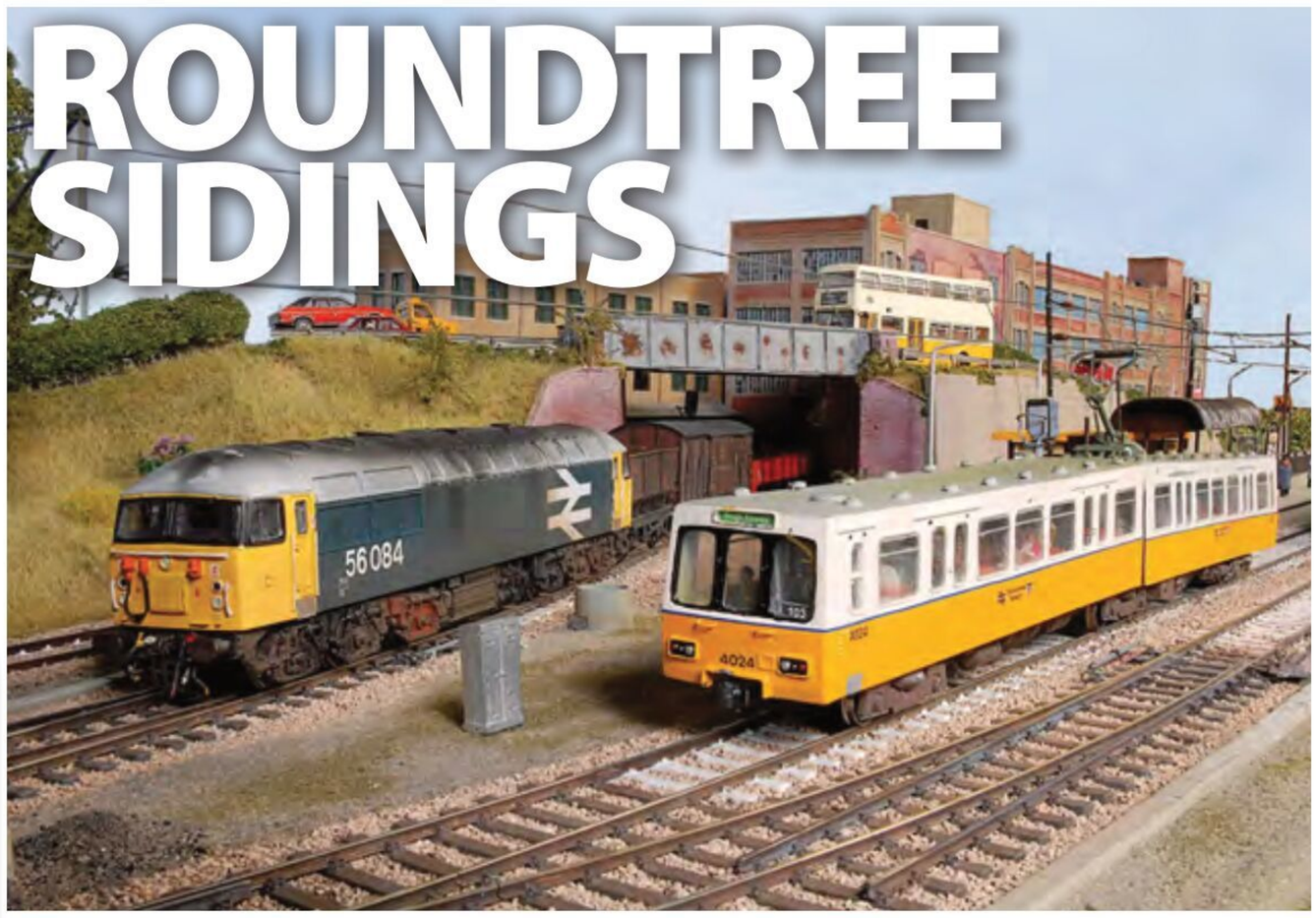
- The latest reviews
- Exclusive competition
- Railway history
- Staff Projects
- The latest news
- Step by step guides
- Inspirational layouts
- Competitions
- All scales and gauges

HEAVY METAL 'N'



Tim Shackleton downsizes to 'N' gauge for the first of a two-part modelling feature highlighting heavy freight locomotives for the scale and how to weather and detail them.

ROUNDTREE SIDINGS



Tuesday June 25 1985 in the North East is the setting for the DEMU North East Area Group's fabulous 'EM' gauge exhibition layout. Discover the full story behind this busy Tyneside model next month.

THE NEXT ISSUE OF HORNBY magazine is on sale March 4 2021

DON'T MISS IT!

dapol

model railway company

For the most up to date Dapol news & information visit

www.dapol.co.uk

Dapol Limited, Gledrid Industrial Park, Chirk, Wrexham, LL14 5DG

Coming soon...

A1/A1X Terrier



2S-012-013 - Terrier A1X 32650 B R Lined Black E/Crest Ex IOW Fishbourne
2S-012-014 - Terrier A1 Gipsyhill 643 Marsh Umber Brown
2S-012-015 - Terrier A1X 32635 Brighton Works Imp Engine Green
2S-012-016 - Terrier A1X No.72 Newhaven Harbour Company Lined Black







Wainwright D Class



Provisional Artwork Sown For Illustration Only

In Partnership with RAILS LOCOMOTION MODELS

Visit www.dapol.co.uk to pre-order now

Bogie Bolster E



Expected in stores Feb 2021

7F-061-001 - Bogie Bolster Wagon E BR 923358 Bauxite (TOPS BEV)
7F-061-002 - Bogie Bolster Wagon E BR 923444 Bauxite (TOPS YNV)
7F-061-003 - Bogie Bolster Wagon E BR 923528 Bauxite (TOPS YRV (S&T))
7F-061-004 - Bogie Bolster Wagon E BR 923791 Bauxite (TOPS YNV)
7F-061-005 - Bogie Bolster Wagon E BR 923962 Bauxite (TOPS YRV (S&T))
7F-061-006 - Bogie Bolster Wagon E BR 924327 Bauxite (TOPS BEV)

Class 142



Artwork Under Review—Awaiting Decorated Samples

Product Scale Key—All Release Dates Correct at time of going to press

O Gauge | OO Gauge | N Gauge

dapol Exclusive

N, OO & O Gauge Models Available



SPECIAL COMMISSION WAGONS

- YOUR CHOICE OF DAPOL BODY
- YOUR CHOICE OF LIVERY
- TURN AROUND IN JUST 3 MONTHS
- FROM JUST 100 IDENTICAL MODELS IN '00' OR 'N' 25 IN '0'
- FOR MORE DETAILS CONTACT CLAIRE ON 01691 774455 OPTION 1 OR EMAIL studio@dapol.co.uk



THE MODEL SHOP
FOR BIG IMAGINATIONS

MODEL RAILWAYS - SLOT CARS - PLASTIC KITS/WARGAMING - DIECAST/COLLECTABLES

FREE POSTAGE on orders over £15.00

NEXT BUSINESS DAY DELIVERY available £4.95

FREE NEXT DAY on orders over £150.00

Up to 10% off RRP on popular brands

BACHMANN BRANCH-LINE



B31-392
Class 414 2HAP 4308 Network SouthEast
~~RRP £259.95~~
OUR PRICE £230.00

HORNBY®



R3373
Class 71 E5001 BR Green
~~RRP £170.99~~
OUR PRICE £120.00

GRAHAM FARISH by BACHMANN



GF372-163DS
Class 8F 2-8-0 4873 BR Late Black (DCC-Sound)
~~RRP £259.95~~
OUR PRICE £230.00

Probably the Best Stocked Shop in the UK:

120 Ranges

20,000 Products in Stock

Over 50,000 Products Listed from around the world

dapol Model Railway Company

HELJAN

OXFORD

PECO

Got Amazon Vouchers? All of our products are listed on Amazon.co.uk

amazon.co.uk®

bit.ly/gaugemasteramazon

Prefer to pay by PayPal? We have an eBay shop as well!

ebay

bit.ly/gaugemasterebay

GAUGEMASTER

GAUGEMASTER Controls Ltd, Ford Road, Arundel, West Sussex, BN18 0BN, United Kingdom
tel - 01903 884488 fax - 01903 884377 email - sales@gaugemaster.com

www.gaugemaster.com