

BRITISH RAILWAY MODELLING

BRM

AUGUST 2021

FAULTLESS FENCING...

TOP TIPS REVEALED!



**ALSO
INSIDE...**



- 'MIDDLETON DALE' (00)
- 'LOCTERN QUAY' (009)



HINTS & TIPS

- CREATE YOUR OWN HAMLET
- WE BUILD A NU-CAST PARTNERS' K2
- WEATHER A TURNTABLE
- MAKE A CAMPING COACH

**LATEST
REVIEWS**



- Bachmann Class 24/0
- Locomotion Models 'D' Class
- TMC Exclusive 24.5T wagon
- Kato Class 800 IEP
- Hornby Coronation Scot coaches
- Revolution PCA wagons

WATERMAN'S WEST COAST

MUSIC MOGUL OPENS DOORS TO NEW AND
UNSEEN OO GAUGE LAYOUT!



17 EXCLUSIVE IMAGES

12 EXTRA VIDEOS

3 BONUS ARTICLES



CELEBRATING A TRUE BRITISH INSPIRATION



**IN STOCK
BUY NOW**

Bachmann Europe are proud to announce our new and exclusive 'Pride of Britain' Train Pack which not only celebrates Captain Sir Tom Moore's fundraising achievement, but also honours the outstanding efforts of the NHS and all key workers during the Covid-19 pandemic.

Thank you



1:72 Scale Supermarine Spitfire MK356



1:72 Scale Hawker Hurricane LF363



00 or N Scale Class 66 'Capt. Tom Moore' Thank you NHS livery, a 00 SOUND FITTED version is also available (see below for details)



These packs are available exclusively to members of the **Bachmann Collectors Club** and with a strictly limited number produced, sales of these packs will allow us to donate more than £60,000 to **NHS Charities Together!**

**NHS CHARITIES
TOGETHER**

32-980KSF - 00 Scale 'Pride of Britain' Train Pack SOUND FITTED

32-980K - 00 Scale 'Pride of Britain' Train Pack

371-396K - N Scale 'Pride of Britain' Train Pack

Join the Bachmann Collectors Club and secure your pack today by visiting:
www.bachmann-collectorsclub.co.uk or Call 01455 245565

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
LY/LMS/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
GL22 LMS/BR BRITISH LEGION.....	£400.00
GL24 LMS/BR ORIGINAL PATRIOT.....	£400.00
GL28 LMS/BR 2P 4-4-0.....	£320.00
GL36 LBS/BR SR/BR H2 ATLANTIC.....	£410.00
GL44 LNW/LMS/BR COAL TANK 0-6-2.....	£270.00
GL50 LNER/BR 2-8-2 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
F79 NER/LNER/BR GG/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

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
T07 LNER Black Five 4-6-0.....	£595.00
TC14 LMS/BR Stainer 8F 2-8-0.....	£595.00

D.J.H LOCO KITS

K300 B.R. Standard 84xx 2-6-2T.....	£438.90
K301 B.R. Standard 2MT 2-6-0.....	£502.70
K302 LMS/BR Ivatt 2-6-2T.....	£438.90
K303 LMS/BR Fairburn 2-6-4 T.....	£466.50
K310A LNER/BR A3 with Corridor tender.....	£721.60
K317B BR Britannia with BR1/1A tender.....	£721.60
K320 LMS/BR 2P/2F 2MT 2-6-0.....	£502.70
K324B B.R. 9F 2-10-0 BR1B/BR1C.....	£721.60
K336 LNER/BR L1 Peppercorn A2.....	£721.60
K338 LNER/BR L1 G5 0-4-0T.....	£502.70
K340 B.R. Class 14 complete kit.....	£502.70
K344 NEW LNER/BR Hunt Class 4-4-0.....	£577.50
K345 NEW LNER/BR Thompson A2/1.....	£721.60
K346 NER/ LNER D1 Class H1 4-4-4T.....	£495.00

PECO LINESIDE KITS

LK704 Wooden lineside hut kit.....	£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. Lowrft 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
7020 SEC/RS/BR 4 wheel PLV/GUV.....	£79.00
70201P SR/BR Bogie Van.....	£126.00
70202 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 'O' GAUGE TRACKWORK

SLE786BH Curved R/H Point.....	£58.00
SLE787BH Curved L/H Point.....	£58.00
SL700BH 12 yards flextrack.....	£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

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 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 £512.33 OUR PRICE £435.48	
Sound fitted RRP £672.75 OUR PRICE £572.74	
Available Autumn 2021 Reserve yours now	

DAPOL CLASS 121

Choice of 5 liveries	
List Price £309.47 OUR PRICE £263.05	
DCC Sound List Price £516.47 OUR PRICE £439.00	
NOW AVAILABLE	

DAPOL CLASS 122

Choice of 5 liveries	
List Price £309.47 OUR PRICE £263.05	
DCC Sound List Price £516.47 OUR PRICE £439.00	
CURRENTLY STRANDED ON EVER GIVEN	

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 £232.88 OUR PRICE £197.95	
Sound fitted RRP £414.00 OUR PRICE £351.90	
LAST FEW	

LIONHEART SUBURBAN COACHES

Fully finished superb quality with interior details and lights.	
2 car 'B' set G.W.R. or B.R. 6 types	
RRP £470.50 OUR PRICE £399.99	
4 car D set G.W.R. or B.R. 4 types	
RRP £823.50 OUR PRICE £699.99	

NEW DAPOL SENTINEL Y1/Y3

LNER, LMS, GWR, B.R. or N.C.B.	
Basic RRP £181.13 OUR PRICE £153.96	
DCC fitted RRP £212.18 OUR PRICE £180.35	
Sound fitted RRP £362.25 OUR PRICE £307.97	
NOW AVAILABLE	

DAPOL (EX LIONHEART) PANNIERS

64XX and 74XX G.W.R. or B.R.	
List Price £399.00 OUR PRICE £340.00	
Sound Fitted RRP £550.00 OUR PRICE £467.50	

NEW DAPOL 57XX/8750 PANNIERS

57xx in BR Livery	
8750 in GWR & BR Liveries with riveted tank option	
Basic Version RRP £243.23 OUR PRICE £206.75	
DCC Fitted RRP £274.28 OUR PRICE £233.14	
NOW AVAILABLE	

NEW DAPOL 10 FOOT W.B. WAGONS

B.R. Open Wagons (various)	
RRP £46.95 OUR PRICE £39.95	
B.R. VEA, VBA, MEAT, INSULATED AND STANDARD VANS (12 TYPES)	
RRP £51.70 OUR PRICE £43.95	

DAPOL HBA & HEA COALWAGONS

8 LIVERIES AVAILABLE	
RRP £55.00 OUR PRICE £46.75	
TOWER MODELS SET OF SIX SILVER FREIGHT RED GRAY	
RRP £330.00 OUR PRICE £275.00	
AVAILABLE SPRING 2022	

NEW DAPOL CONFLATS

6 VERSIONS WITH LOAD £57.14	
4 VERSIONS WITHOUT LOAD £39.54	
4 DIFFERENT TOWER MODELS	
LTD EDITION SETS OF 3 BR £170.00	
NOW AVAILABLE	

TOWER MODELS LIMITED EDITION DAPOL WAGON SETS

Set of 6 Esso or Shell BP Tankers	
RRP £324.48 OUR PRICE £275.00	
Set Of Six Planked & Plywood Vans	
RRP £299.70 OUR PRICE £255.00	
NOW AVAILABLE	

DAPOL HAA COALWAGONS

VARIOUS LIVERIES AVAILABLE	
RRP £55.00 OUR PRICE £46.75	
TOWER MODELS EXCLUSIVE COAL SECTOR YELLOW FRAME	
RRP £55.00 OUR PRICE £46.75	
AVAILABLE SUMMER 2022	

DAPOL VANWIDE / VEA

VARIOUS LIVERIES AVAILABLE	
RRP £58.59 OUR PRICE £49.80	
AVAILABLE AUTUMN 2021	

DAPOL BOGIE BOLSTER E

6 LIVERIES AVAILABLE	
RRP £72.40 OUR PRICE £61.54	
NOW AVAILABLE	

NEW DAPOL MOTORISED SIGNALS

GWR & LMS Home 4 versions	
List Price £58.00	
OUR PRICE £49.30	

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 FIRST HALF 2022	

NEW HELJAN CLASS 37/4

Eight liveries available	
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	

WORLD OF RAILWAYS



LAYOUT

Making Tracks - WCML

Andy York and Phil Parker visit Pete Waterman to get an exclusive first look at one of the largest exhibits the hobby has ever seen.

WATCH THE VIDEO HERE

(You must have a wifi connection to stream video content)



PLAY

PRACTICAL

Scratch-building locos

Phil Parker talks us through a selection of kit-built locomotives in his collection, plus the challenges modellers face when buying scratch-build models second-hand.



PLAY

FEATURE

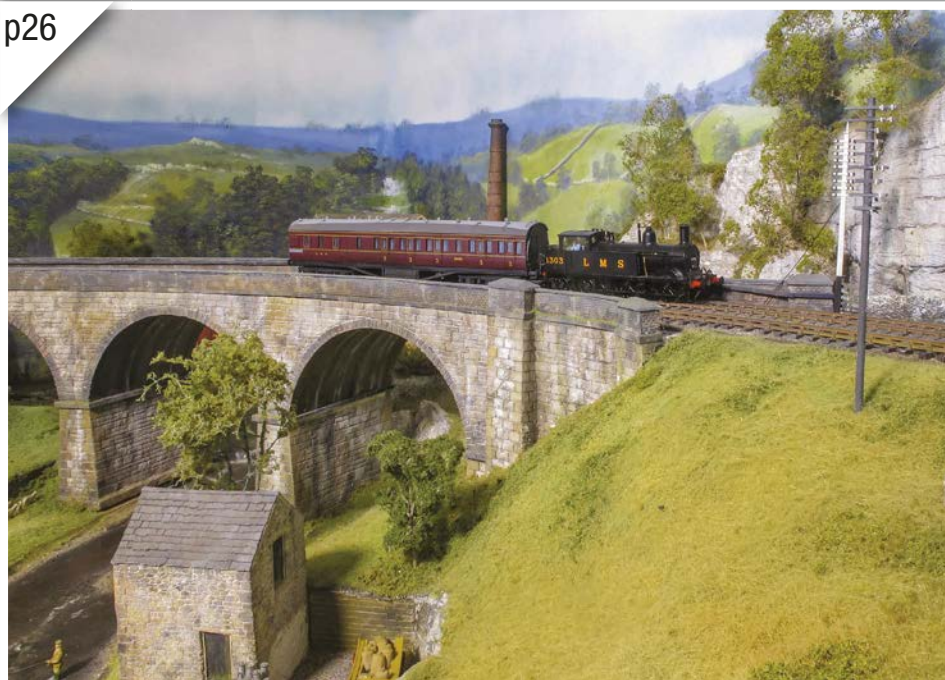
Hitachi AT-300 trains explained

Howard Smith provides an overview of the Hitachi-built Class 800, 801 and 802 trains to assist modellers and railway enthusiasts in their understanding.



PLAY

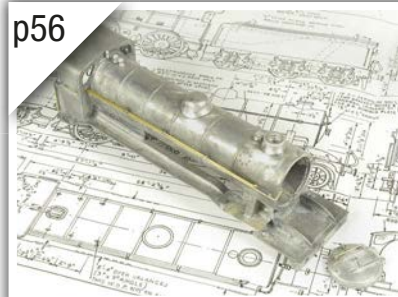
p26



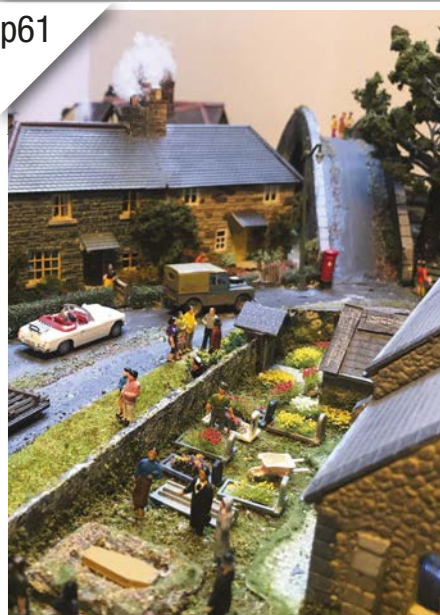
p40



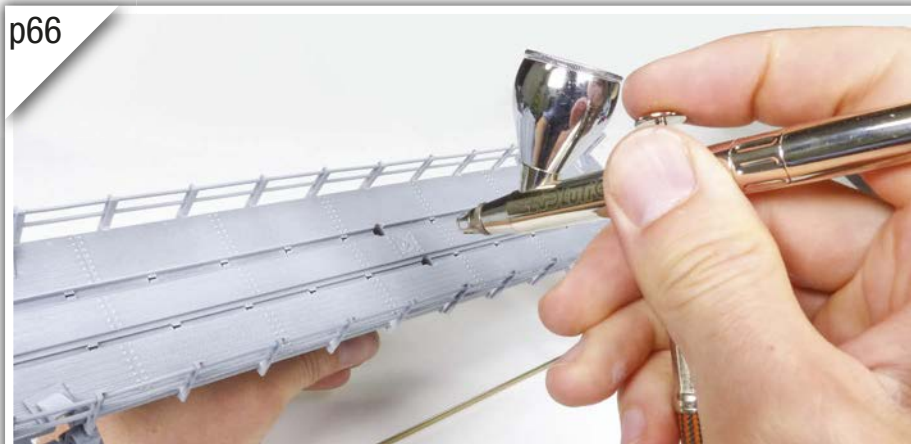
p56



p61



p66



AUGUST 2021 CONTENTS

Your Cover



LAYOUTS

26 MIDDLETON DALE (00)

David Wright employed his professional model-making techniques to his latest model railway, inspired by the landscape of his home county.

48 MAKING TRACKS - WCML (00)

Enjoying the sight of trains passing-by, Pete Waterman and his team created this layout in record time, for display at Chester Cathedral.

72 LOCTERN QUAY (009)

Michael Campbell sought time-saving kits and fast construction methods to create his space-defying layout, with impressive results.

PRACTICAL BRM

40 CREATING FENCES

Michael Russell offers a guide to representing man-made boundaries on our models, with options for kit builders and the more adventurous, too.

56 HOW TO BUILD A 'K2' 2-6-0

Experienced model maker, Tony Wright test builds the first K2 kit to come off the production line from the revitalised Nu-Cast range.

61 CREATE A BUSY HAMLET SCENE

Carol Flavin's OO gauge lockdown layout, 'The Edge Hey and Strines Railway', is brimming with features, but this scene lining a small road is her favourite.

66 HOW TO AIRBRUSH A TURNTABLE

Is it possible to convincingly paint and weather an eye-catching layout feature, solely using an airbrush? Howard Smith finds out.

80 HOW TO BUILD A CAMPING COACH

Hornby's pre-grouping coaches are now on the rails of many layouts, though as Phil Parker proves with this adaptation, they look equally attractive off-rails, too.

PRODUCTS & FEATURES

24 LATEST NEWS

A round-up of the latest headlines from the model railway world this month.

100 NEW PRODUCTS

New finescale model figures, foam and cork underlays, a new locomotive servicing controller from Marks Trains, plus a new lineside store from Scale Model Scenery are the latest products to arrive at BRM's headquarters.

102 REVIEW: BACHMANN CLASS 24/0

Bachmann only sprung the announcement of this project on modellers in May, and a welcome surprise it was too, as Andy York discovers.

p48



p72



p80



p102



p104



p107



p108



p110



104 REVIEW: LOCOMOTION MODELS D CLASS

A three-way partnership of Rails of Sheffield, Dapol and Locomotion Models brings us the exquisite South Eastern & Chatham Railway Wainwright D Class.

106 REVIEW: HAMMANT AND MORGAN HM6000

Howard Smith takes a closer look at the new wireless control system from recently-revived manufacturer, Hammant and Morgan.

107 REVIEW: BACHMANN STEEL-BODIED COACH

Andy York takes a close look at the firm's first narrow-gauge passenger vehicle.

108 REVIEW: TMC EXCLUSIVE MINERAL WAGON

Andy York thoroughly recommends this new 24.5T mineral wagon for OO gauge from Bachmann, commissioned exclusively by TMC.

110 REVIEW: KATO CLASS 800

All-new manufacturer to the British railway scene, Kato, has released its first British model, the Class 800. Howard Smith takes a closer look...

BRITISH RAILWAY MODELLING

BRM

**BRM SEPTEMBER ISSUE
ON SALE AUGUST 12**

BRITISH RAILWAY MODELLING

is published by Warners Group Publications plc
E BRM@warnersgroup.co.uk

SUBSCRIPTION ENQUIRIES

T 01778 392002

DIGITAL EDITION ENQUIRIES

E help@pocketmags.com

EDITORIAL

■ BRAND CONTENT MANAGER

Debbie Wood

E debbie.wood@warnersgroup.co.uk

■ MULTI-MEDIA EDITOR

Howard Smith

T 01778 392059

E howards@warnersgroup.co.uk

■ FEATURES WRITER

Phil Parker

E phil.parker@warnersgroup.co.uk

■ RMWEB EDITOR & BRM PHOTOGRAPHER

Andy York

E info@rmweb.co.uk

■ PROOF READER

Tony Wright

■ PUBLISHER

Steve Cole

E stevec@warnersgroup.co.uk

■ MARKETING MANAGER

Carly Dadge

E carlyd@warnersgroup.co.uk

ADVERTISING

■ GROUP ADVERTISING MANAGER

Bev Machin

T 01778 392055

E bevm@warnersgroup.co.uk

DESIGN AND PRODUCTION

■ DESIGNER

Ruth Jamieson

E ruth.jamieson@warnersgroup.co.uk

■ ADVERTISING DESIGNER/PRODUCTION

Amie Carter

E amiec@warnersgroup.co.uk

DISTRIBUTION

TRADE ACCOUNT SALES

E tradeaccountorders@warnersgroup.co.uk

■ UK/OVERSEAS NEWSTRADE SALES

Keiron Jefferies T 01778 395043

E keironj@warnersgroup.co.uk

■ PRINTING

Warners (Midlands) plc, The Maltings,
West Street, Bourne, Lincolnshire PE10 9PH

Ideas for contributions should be sent in outline form to the Editor for consideration. Please clearly mark all material with your name and address, and include sufficient postage if you require material to be returned. Views expressed by contributors are not necessarily those of the Editor or Publisher. From time to time Warners lend reputable companies the names and addresses of readers who have responded to offers, services and competitions organised by BRM. If you do not wish to receive such mailings, please write to Warners Group Distribution, Dept WD, Manor Lane, Bourne, Lincolnshire PE10 9PH or call 01778 391153.

THE HEREFORD MODEL CENTRE

Email: sales@herefordmodelcentre.co.uk
www.herefordmodels.com

4 COMMERCIAL ROAD, HEREFORD,
 HEREFORDSHIRE, HR1 2BB



SALES LINE
01432 352809

SHOP OPEN 9.00am - 5.30pm
 Monday to Saturday

HORNBY

R3004	BR Serby Hall weathered.....	£116.45
R3004X	BR Serby Hall weathered.....	£133.45
R3233	D16/3 LNER.....	£100.95
R3235	D16/3 British Railways.....	£100.95
R2744	Schools Blundells BR.....	£84.95
R2917	2800 Class BR.....	£103.99
R3017	BR Patriot.....	£108.50
R3194	Schools 'Epsom' BR/E.....	£111.95
R3380	J15 LNER.....	£96.90
R3381	J15 BR Early.....	£96.90
R3329	BR Late S15.....	£123.99
R3242A	K1 BR Early.....	£116.95
R3243B	K1 BR Late.....	£116.95
R3413	S15 Late.....	£119.45
R3411	S.R. S15.....	£125.95
R3421	BR/E 700 Class.....	£99.45
R3333	BR Early Adams Radial.....	£107.95
R3334	BR Late Adams Radial.....	£107.95
R3418	K1 BR Early.....	£114.45
R3422	Adams SR.....	£109.45
R3423	Adams BR.....	£109.45
R3414	LNER J15.....	£99.45
R3407	J50 BR Early.....	£78.50
R3445	BR W.C. Camelford.....	£147.45
R3432	B12 BR Late.....	£127.95
R3630	LNER A4 Woodcock.....	£135.99
R3612	80th Anniversary Mallard.....	£183.99
R3615	Peckett W4.....	£89.99
R3681	LMS Coronation.....	£184.00
R3682	BR Blue Coronation.....	£184.00
R3634	Sir Frances Drake.....	£152.95
R3677	LMS Duchess of Hamilton.....	£171.00
R3639	LMS King George VI.....	£171.00
R3603TTS	BR Lord Nelson TTS Sound.....	£175.00
R3621	LNER J36.....	£125.75
R3622	BR J36.....	£125.75
R3638	BR Bideford.....	£166.50
R3804	Hogwarts Castle (Hall class).....	£99.00
R3804TTS	Hogwarts Castle w. sound.....	£122.50
R3727	LMS Pug.....	£63.00
R3728	BR Pug.....	£63.00
R3729	LNER O1.....	£98.99
R3544	LNER B12.....	£145.00
R3848	BR Terrier Carisbrooke.....	£80.75
R3823	Anniversary Terrier.....	£104.99
R3857	LMS Coronation.....	£170.99
R3822	Centenary Smokey Joe.....	£39.99
R3864	GWR Lode Star.....	£161.99
R3832	LNER A2/3 Edward Thompson.....	£171.00
R3833	LNER A2/3 Chamossaire.....	£171.00
R3866	BR BoB Sir Winston Churchill.....	£197.99
R3865	BR Britannia class Oliver Cromwell.....	£179.99

HORNBY DIESEL/ELECTRIC LOCOMOTIVES

R3573	Class 66 GBRF.....	£79.45
R3577	Sentinel graham.....	£58.00
R3685	GWR HST.....	£261.00
R3580	Class 87 BR Blue.....	£139.40
R3659	Class 67 Colas.....	£144.00
R3778	Class 66 DB Schenker.....	£66.95
R3785	Class 66 GBRF Interhub.....	£66.95
R3705	R&H 48DS Dewars.....	£71.99
R3706	R&H 48DS Army.....	£71.99
R3707	R&H 48DS Longmorn.....	£71.99
R3760	Class 59 GBRF.....	£67.99
R3884	CI 60 DB Cargo 60100.....	£161.99
R3885	CI 60 DB Cargo 60062.....	£161.99
R3901	CI 60 Colas.....	£161.99
R3906	CI 47 GBRF.....	£67.45
R3920	CI 66 Malcolm.....	£66.95
R3921	CI 66 Freightliner.....	£66.95
R3770	First & Last HST.....	£260.50
R3905	CI 47 GBRF/ Caledonian Sleeper.....	£67.45

HORNBY TRACK

R083	Buffer Stop.....	£1.65
R207	Track Fixing Pins.....	£2.50
R600	Straight.....	£1.15
R601	Double Straight.....	£1.85
R605	Double Curve 1st Rad.....	£2.05
R606	Curve 2nd Rad.....	£1.40
R607	Double Curve 2nd Rad.....	£1.95
R608	Curve 3rd Rad.....	£1.65
R609	Double Curve 3rd Rad.....	£2.25
R610	Short Straight.....	£1.10
R614	LH Diamond Crossing.....	£9.25
R615	RH Diamond Crossing.....	£9.25
R617	Uncoupling Ramp.....	£2.60
R618	Double Isolating Rail.....	£6.85
R620	Railer Uncoupler.....	£4.35
R628	Half Curve 3rd Rad.....	£1.80
R643	Half Curve 2nd Rad.....	£1.20
R8072	LH Point.....	£7.95
R8073	RH Point.....	£7.95
R8074	LH Curved Point.....	£12.60
R8075	RH Curved Point.....	£12.60
R8076	Y Point.....	£8.95
R8077	LH Express Point.....	£12.60
R8078	RH Express Point.....	£12.60
R8261	4th radius curve.....	£1.85
R8206	Power Track.....	£5.95

BACHMANN STEAM LOCOMOTIVES

31-088	BR Black Earl.....	£118.95
35-075	E4 LBSC.....	£93.45
35-076	E4 Southern.....	£93.45
35-077	E4 BR Early.....	£93.45
35-078	E4 BR Late.....	£93.45
31-001	Robinson BR Late Crest.....	£94.99
31-002	Robinson BR Early Crest.....	£94.99
31-003	Robinson LNER.....	£94.99
31-127	CL3000 BR ROD.....	£118.45
31-128	BR ROD Weathered.....	£105.45
31-136DC	D11/2.....	£115.90
31-628DC	Class 3F BR weathered.....	£93.20
31-931	LMS Compound.....	£112.90
31-933	BR Compound Late Crest.....	£112.88
31-932DC	BR Compound.....	£127.75
31-465	C Class BR.....	£93.46
31-461A	C Class SR Black.....	£106.20
31-462A	C Class BR Early.....	£106.20
31-434	Midland Class 1F BR.....	£81.55
31-003A	Robinson LNER.....	£110.45
31-004A	Robinson BR Early.....	£118.95
31-435	1F BR Early.....	£81.55
31-481	G2A BR Early.....	£114.70
31-119	BR Class 4MT Black.....	£135.95
32-279A	LNER Class K3 Black.....	£118.95
31-614	BR Late V3.....	£110.45
32-575A	LMS 4MT.....	£114.70
32-359A	4MT BR Early.....	£110.45
32-176	BR Crab.....	£123.20
35-051	LMS Coal Tank.....	£101.95
35-052	BR Early Coal Tank.....	£101.95
31-691	Stanier Mogul.....	£135.95
32-236	Class 3F BRITISH RAILWAYS.....	£93.40
32-199	GWR black Pannier.....	£101.95
32-205A	BR Pannier.....	£101.35
32-216A	BR Pannier.....	£101.35
31-741	LMS Class 1P 0-4-4t.....	£127.45
35-025A	GWR 94xx weathered.....	£123.20

BACHMANN DIESEL/ELECTRIC LOCOMOTIVES

32-928	Class 150 Sprinter.....	£135.95
32-067	Class 43 Royal Oak.....	£118.95
32-992	Wickhams Trolley Yellow.....	£67.95
32-993	Wickhams Trolley Yellow.....	£67.95
31-040	SWT Class 450.....	£271.95
31-041	SWT Class 450 withd.....	£297.45
31-664	Cl. 47 Railfreight.....	£152.95
35-526	Cl 121 Blue/Grey.....	£131.70
35-527	Cl 121 Network Southeast.....	£131.70

32-109	Class 08 NSE Eagle.....	£106.20
32-119	Class 08 DB Schenker.....	£84.95
32-937	Class 150 Centro.....	£127.45
32-734B	Cl. 66 DB Cargo.....	£127.45
32-908	Cl. 108 Blue/Grey.....	£203.95
32-929	Cl. 150 Provincial.....	£271.95
35-126	Harry Needle Cl20.....	£152.95

EXCLUSIVE PECO N GAUGE TTA WAGONS

NR-P987A	Shell/BP black no. 5170.....	£13.45
NR-P987B	Shell/BP black no. 5175.....	£13.45
NR-P987C	Shell/BP black no. 5177.....	£13.45
NR-P987D	Shell/BP black no. 5169 withd.....	£14.25
NR-P987E	Shell/BP black no. 5172 withd.....	£14.25
NR-P987F	Shell/BP black no. 5178 withd.....	£14.25
NR-P987G	Shell/BP black no. 5171.....	£13.45
NR-P987H	Shell/BP black no. 5176.....	£13.45
NR-P987I	Shell/BP black no. 5174.....	£13.45
NR-P987J	Shell/BP black no. 5173 withd.....	£14.25
NR-P987K	Shell/BP black no. 5179 withd.....	£14.25
NR-P987L	Shell/BP black no. 5168 withd.....	£14.25
NR-P993A	BP Grey no. BP067266.....	£13.45
NR-P993B	BP Grey no. BP067082.....	£13.45
NR-P993C	BP Grey no. BP067095.....	£13.45
NR-P993D	BP Grey no. BP067168 withd.....	£14.25
NR-P993E	BP Grey no. BP067177 withd.....	£14.25
NR-P993F	BP Grey no. BP067184 withd.....	£14.25
NR-P994A	BP Green no. BP067765.....	£13.45
NR-P994B	BP Green no. BP067162.....	£13.45
NR-P994C	BP Green no. BP067368.....	£13.45
NR-P994D	BP Green no. BP067765.....	£14.25
NR-P994E	BP Green no. BP067783.....	£14.25
NR-P994F	BP Green no. BP067574.....	£14.25
NR-P995A	BP Black no. BP065762.....	£13.45
NR-P995B	BP Black no. BP065764.....	£13.45
NR-P995C	BP Black no. BP065771.....	£13.45
NR-P995D	BP Black no. BP065770.....	£14.25
NR-P995E	BP Black no. BP065765.....	£14.25
NR-P995F	BP Black no. BP065766.....	£14.25

Offers on above wagons

Any 3 pristine.....	£39.60
Any 3 weathered.....	£42.00
3 weathered + 3 pristine.....	£79.50

NEW WEBSITE NOW LIVE

**LARGE QUANTITY
OF QUALITY
SECOND HAND
ALWAYS IN STOCK**

Please contact us for details

**All offers valid to
31st July 21**

POSTAGE & PACKING RATES PER ORDER:

UK Standard.....	£3.95
UK Insured.....	£7.10
UK Courier Transport & Packing.....	£9.00

Worldwide at cost. VAT free to non EC
**PRICES SUBJECT TO CHANGE
WITHOUT NOTICE**

**** Please allow 7 days for
clearance when paying by
cheque ****

**PLEASE QUOTE SPECIAL
PRICES WHEN YOU VISIT US.
Credit Cards Welcome...
Visa, Mastercard & Switch**

NEW

N Gauge Exclusive
 Black Shell/BP 15t TTA Tank
 By PECO



Pristine	Weathered	Pack of 3	Pack of 3	All 6 Exclusive TTAs
£13.45	£14.25	Pristine	Weathered	£79.50
3 Numbers Available (5170, 5175, 5177)	3 Numbers Available (5169, 5172, 5178)	£39.60	£42.00	(3 Pristine & 3 Weathered)

accurascale

www.accurascale.co.uk

THE MERRY GO ROUND – POWERING BRITAIN

Introducing our brand-new range of MGR based coal
hoppers in 4mm/00 gauge, featuring the classic HAA,
hooded HBA, HCA, HDA with correct uprated brakes and
suspension, MHA and more.

It would be rude to leave out the classic CDA for English
China Clay workings and the MHA spoil wagons, right?
We have you covered there too!

With 23 different packs in the first run alone, there are
over 80 different wagons available.

But how much are all these variants? Well, just £74.95
per three pack. With our bundle deals it works out at just
£22.50 per wagon. Suffice to say that our range, quality
and value for money is peerless.



1:76/4mm scale. OO gauge
Available from Q4 2021
Priced from £22.50 per wagon
Buy online or from your local stockist

Accurascale; all the detail, all the value



Decorated examples shown may be subject to further adjustments. For further information visit our website: www.accurascale.co.uk

EVERYTHING YOU NEED FOR YOUR DIGITAL RAILWAY

DIGITRAINS

**Just starting out in DCC and not sure what's available?
Grown out of your system and thinking of upgrading?
Getting into sound and want to know the best decoders?**

DIGITAL COMMAND CONTROL (DCC) is one of the fastest growing areas of the model railway hobby.

As the first new company to set up as a DCC specialist in the UK, DIGITRAINS now has over 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.

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



- Try before you buy
- Expert advice
- Great service
- Experience
- Major brands
- Worldwide mailing



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**

Welcome to August

Although we're not out of the 'Covid woods' yet, the end is finally in sight. Restrictions are close to being eased entirely (or may even be lifted by the time you're reading this issue) and a sign of normality is returning, with the team finally attending its first show of 2021.

The National Garden Rail Show was held on June 26 and first and foremost, our appreciation must be given to the show's organisers, who pulled together a great event, regardless of the many challenges they faced.

It was heartening to see so many people get together to celebrate the hobby and, although not a scale we visit often in the pages of BRM, the show had the same warmth and excitement seen so often at other events.

In a hobby as social as ours, I'm sure many of you are itching to get to an exhibition, and at BRM headquarters, plans are already afoot to welcome you back to Doncaster for the Festival of British Railway Modelling. The weekend is confirmed as February 12-13, 2022, and it is shaping up to be an

entertaining event, with a variety of fantastic layouts planned to appear. If you haven't done already, pop the date in your diary and sign up to our weekly newsletter at www.world-of-railways.co.uk to get updates.

While on the subject of events, this issue features an exclusive first look at one of the largest exhibits the hobby has seen. Thanks to Pete Waterman OBE and his team of modellers, a major display will be open to visitors from July 17 to September 3, inside the vast space of Chester Cathedral and we were lucky enough to grab a sneak peek. Subscribers will also be able to enjoy an interview with Pete and some exclusive video footage of the layout.

Now that the team can get out and about a bit more, we were also able to pay David Wright's scenic OO layout, 'Middleton Dale', a visit. This fantastic layout combines the idyllic Peak District with the rugged industrial architecture of a working quarry, featuring some exquisite stone buildings. Packed with detail and modelling inspiration,

including an innovative backscene and a wonderfully-executed viaduct, turn to page 26 to read the article in full.

Completing the layout line up this month is 'Loctern Quay', a bustling OO9 model that defies space constraints to deliver an impressive scene with plenty of operational potential.

On the practical side, we explore different types of layout fencing, take a look at how to create a busy hamlet scene, build a new locomotive kit from a revived brand, plus adapt a Hornby pre-grouping coach and dust off the airbrush to create a realistic turntable.

And if that wasn't enough, we've also been inundated with new products this month, with your August issue featuring eight reviews including the new Kato Class 800, the South Eastern & Chatham Railway Wainwright D Class and the new Bachmann Class 24/0.

Enjoy the issue!

BRM Team

How to get your next issue of BRM

Although it's tricky to visit the shops at the moment and collect the latest issue, there are a number of ways you can get BRM delivered straight to your door or inbox!

- 1 Buy a single printed issue of the latest edition, delivered straight to your door at; www.world-of-railways.co.uk/Store/Latest-issue
- 2 Subscribe to the printed edition, again for postal delivery, where there are plenty of great offers at; www.world-of-railways.co.uk/Store/Subscriptions/
- 3 You can sign up to a digital subscription and download every issue from Pocketmags at; www.pocketmags.com/british-railway-modelling-magazine
- 4 Finally, you can sign up for our digital archive. This is a membership service that gives you access to every single issue of BRM since 2007, plus all future issues. Find out more at; www.world-of-railways.co.uk/store/digital-archive/



CASTLE RANGE

A STUNNING SERIES OF
CASTLE KITS THAT CAN
BE BUILT TOGETHER TO
CREATE A MAGNIFICENT
CASTLE IN ANY
CONFIGURATION.



CASTLE GATEHOUSE

CASTLE GATEHOUSE

00 CODE PO291 / N CODE PN191



CASTLE HALL
00 CODE PO294 / N CODE PN194



WATCH TOWER
00 CODE PO292 / N CODE PN192



CURTAIN WALLS
00 CODE PO293 / N CODE PN193



CASTLE STONEMWORK SHEETS
00 CODE PO295 / N CODE PN195

TOWN



LOW RELIEF PUB AND SHOPS
00 CODE PO205 / N CODE PN972



LOW RELIEF BANK & SHOP
00 CODE PO271 / N CODE PN971



LOW RELIEF CINEMA
00 CODE PO206 / N CODE PN170



N VERSION PICTURED. 00 VERSION
COMES WITH ONLY THE TALL BUILDING
LOW RELIEF TUDOR STYLE SHOPS
00 CODE PO421 / N CODE PN190



00 VERSION

THE LOW RELIEF DEPARTMENT
STORE IS EXPANDABLE
WITH THE ADDITION OF
MULTIPLE KITS TO CREATE A
MAGNIFICENT HIGH STREET
BACKDROP.

N VERSION



LOW RELIEF DEPARTMENT STORE

00 CODE PO279 / N CODE PN179

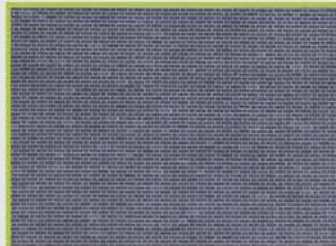
BUILDING MATERIALS



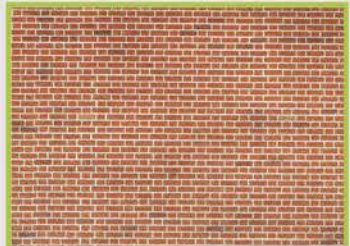
COBBLESTONES
00 CODE M0051 / N CODE PN903



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 STONEMWORK (M1 STYLE)
00 CODE M0057 / N CODE PN901



SEMI-CUT STONEMWORK (B1 STYLE)
00 CODE M0058

View the full range and shop online

metcalfemodels.com

Or call 01729 830072

METCALFE
celebrating 30 years

TOWN & COUNTRY

1) TOWN END COTTAGE



2) COACHING INN



3) PARISH CHURCH



4) VILLAGE SCHOOL



5) VILLAGE SHOP & CAFE



6) WORKERS COTTAGES



9) TERRACED HOUSES



STONE 00 PO262
RED BRICK 00 PO261

7) SERVICE STATION



8) INDUSTRIAL UNIT



10) CORNER SHOP



STONE 00 PO264
RED BRICK 00 PO263



BUILD A MODEL RAILWAY DVDS
DVD01 / DVD01 / DVD03



FINE TIP GLUE APPLICATORS
MT907

1) 00 CODE PO267 / N CODE PN167
2) 00 CODE PO228 / N CODE PN128
3) 00 CODE PO226 / N CODE PN926

4) 00 CODE PO253 / N CODE PN153
5) 00 CODE PO254 / N CODE PN154
6) 00 CODE PO255 / N CODE PN155

7) 00 CODE PO281 / N CODE PN181
8) 00 CODE PO285 / N CODE PN185

RAILWAY



COUNTRY STATION
00 CODE PO237 / N CODE PN137

2) WALL BACKED CANOPY



3) PARCEL OFFICES



1) BOOKING HALL



THE MAINLINE STATION
RANGE OF KITS CAN CREATE
A STUNNING TERMINUS OR
THROUGH STATION

4) PLATFORM CANOPY



5) ISLAND PLATFORM
BUILDING



1) 00 CODE PO320 / N CODE PN920
2) 00 CODE PO341 / N CODE PN941

3) 00 CODE PO321 / N CODE PN921
4) 00 CODE PO340 / N CODE PN940

5) 00 CODE PO322 / N CODE PN922



SETTLE-CARLISLE STATION
00 CODE PO333 / N CODE PN933



TMC CLEARANCE OFFERS

LAST CHANCE TO BUY SOME OF THESE
PRODUCTS AT FANTASTIC PRICES!

25% OFF



**SOUND
FITTED**

35-500SF Bachmann OO Scale Class
117 3-Car DMU BR Green (Speed
Whiskers)

£303.71 Regular Price £404.95

**BIG
SAVINGS!**



35-025A Bachmann OO Gauge GWR
94XX Pannier Tank 9405 GWR Green
(GWR) Weathered

£108.71 Regular Price £144.95



31-460A Bachmann OO Gauge SE&CR
C Class 583 SE&CR Lined Green (Orig-
inal)

£172.46 Regular Price £229.96



**SOUND
FITTED**

35-527SF Bachmann OO Gauge Class
121 Single-Car DMU BR Network
SouthEast (Revised)

£202.46 Regular Price £269.95



R3542 Hornby OO Scale BR,
Q6 Class, 0-8-0, 63427 - Era 4

£120.74 Regular Price £160.99



32-611 Bachmann OO Gauge Class
90 90037 BR Railfreight Distribution
Sector

£146.21 Regular Price £194.95



32-756A Bachmann OO Gauge Class
57/6 57602 'Restormel Castle' GWR
Green (FirstGroup)

£138.71 Regular Price £184.96



**SOUND
FITTED**

35-526SF Bachmann OO Gauge Class
121 Single-Car DMU BR Blue &
Grey

£202.46 Regular Price £269.95



**SOUND
FITTED**

32-734CSF Bachmann OO Gauge Class
66/0 66100 'Armistice 100 1918-2018'
DB Cargo

£194.96 Regular Price £259.96



**SOUND
FITTED**

35-525SF Bachmann OO Gauge Class
121 Single-Car DMU BR Green (Speed
Whiskers)

£202.46 Regular Price £269.95



R3548 Hornby OO Gauge BR 4 - 6
- 0 '75053' Standard 4MT Loco Early
BR

£128.24 Regular Price £170.99



32-612 Bachmann OO Gauge Class
90 90042 Freightliner Powerhaul
Locomotive

£146.21 Regular Price £194.95



372-032 Graham Farish N Gauge GWR
4073 Castle 5070 Sir Daniel Gooch BR
Lined Green (Late Crest)

£112.46 Regular Price £149.95



371-249 Graham Farish N Gauge Class
47/0 47018 BR Railfreight Locomo-
tive

£116.21 Regular Price £154.96



32-765 Bachmann OO Scale Class 57/3 Locomotive 57313 WCRC Maroon

£153.71 Regular Price £204.95



31-910 Bachmann OO Gauge H1 Class Atlantic Locomotive 4-4-2 No 39 'La France' LBSCR

£149.96 Regular Price £199.96



31-517DS Bachmann OO Gauge Class 158 2-Car DMU 158849 BR Regional Railways - Sound Fitted

£281.21 Regular Price £374.95



32-683RJSF Bachmann OO/HO Gauge Class 45/0 '45022' Lytham St. Annes BR Blue (SOUND FITTED)

£187.46 Regular Price £249.95



R3743 Hornby OO Scale BR Railfreight, Class 60, Co-Co, 60015 'Bow Fell' - Era 8

£134.99 Regular Price £179.99



31-922SF Bachmann OO Scale LB&SCR H2 Atlantic Locomotive 422 LB&SCR Umber

£239.96 Regular Price £319.96



32-254A Bachmann OO Gauge WD Austerity 2-8-0 77003 LNER Black (Revised Livery)

£127.46 Regular Price £169.96



32-765SF Bachmann OO Scale Class 57/3 57313 WCRC Maroon (DCC Sound Fitted)

£221.21 Regular Price £294.95



31-921ASF Bachmann OO Scale LB&SCR H2 Atlantic 32425 'Trevose Head' BR Lined Black (Sound Fitted)

£232.46 Regular Price £309.95



1303 Heljan OO/HO Gauge Class 1361 Locomotive 0-6-0ST 1365 BR Black Early Crest

£119.96 Regular Price £159.95



32-734B Bachmann OO Scale Class 66/0 Locomotive 66117 DB Cargo Livery

£112.46 Regular Price £149.95



32-755A Bachmann OO Gauge Class 57/3 57314 Arriva Trains Wales (Revised)

£138.71 Regular Price £184.96



32-991 Bachmann OO Gauge Wickham Type 27 Trolley Car BR Maroon Livery

£74.96 Regular Price £99.95



31-147DS Bachmann OO Gauge GCR 11F 502 'Zeebrugge' GCR Lined Green - Sound Fitted

£221.96 Regular Price £295.96



32-178A Bachmann OO Gauge LMS SMT 'Crab' with Welded Tender 13174 LMS Lined Black (Original)

£108.71 Regular Price £144.95



32-939DS Bachmann OO Gauge Class 150/2 2-Car DMU 150236 Arriva Trains Wales (Revised) - Sound Fitted

£277.46 Regular Price £369.95



2533 Heljan OO Gauge Class 25/3 BR early blue D7661 with small yellow panels

£134.96 Regular Price £179.95

CLEARANCE



- ✓ Fantastic limited time only prices
- ✓ Last chance to buy
- ✓ At least 25% off and up to 50% off!
- ✓ Free P&P over £50 on website
- ✓ Brand new unless stated otherwise
- ✓ Hundreds of new products just added

25% OFF

Item Name	RRP	TMC Price
31-086A Bachmann OO Gauge GWR 32XX 'Earl' 9018 BR Black (Early Emblem) - Weathered	£159.95	£135.96
31-090DS Bachmann OO Gauge GWR 32XX 'Earl' 3206 'Earl of Plymouth' GWR Green (Shirtbutton) - Sound Fitted	£259.95	£220.96
31-146A Bachmann OO Gauge GCR 11F (D11/1) 62667 'Somme' BR Lined Black (Early Emblem)	£189.95	£161.46
31-147DS Bachmann OO Gauge GCR 11F 502 'Zeebrugge' GCR Lined Green - Sound Fitted	£295.95	£251.56
31-367 Bachmann OO Gauge Class 03 Ex-D2199 NCB Black	£129.95	£110.46
31-380 Bachmann OO Gauge 2EPB 2 Car EMU 6262 BR Blue & Grey Network SouthEast	£209.95	£178.46
31-427B Bachmann OO Gauge 4 CEP 4 Car EMU 7106 BR Blue & Grey (Discontinued)	£419.95	£314.96
31-460A Bachmann OO Gauge SE&CR C Class 583 SE&CR Lined Green (Original)	£229.95	£195.46
31-517DS Bachmann OO Gauge Class 158 2-Car DMU 158849 BR Regional Railways - Sound Fitted	£374.95	£318.71
31-518 Bachmann OO Gauge Class 158 2-Car DMU 158773 East Midlands Trains	£274.95	£233.71
31-910 Bachmann OO Gauge H1 Class Atlantic 4-4-2 No 39 'La France' LBSCR	£199.95	£168.95
31-911SF Bachmann OO Scale LB&SCR H1 Atlantic 2038 'Portland Bill' SR Malachite Green	£309.95	£263.46
31-921ASF Bachmann OO Scale LB&SCR H2 Atlantic 32425 'Trevose Head' BR Lined Black (Early Emblem). (Sound Fitted)	£309.95	£263.46
31-922SF Bachmann OO Scale LB&SCR H2 Atlantic 422 LB&SCR Umber	£319.95	£271.96
32-178A Bachmann OO Gauge LMS SMT 'Crab' with Welded Tender 13174 LMS Lined Black (Original)	£144.95	£123.21
32-254A Bachmann OO Gauge WD Austerity 2-8-0 77003 LNER Black (Revised Livery)	£169.95	£144.46
32-389TL Bachmann OO Gauge Class 37/4 37416 'Mount Fuji' BR Mainline	£189.95	£142.46
32-390DB Bachmann OO Gauge Class 37/7 37704 EW&S	£169.95	£127.46
32-390DBDS Bachmann OO Gauge Class 37/7 37704 EW&S (DCC Sound)	£259.95	£194.96
32-482Z Bachmann OO Gauge Class 40 No. 233 'Empress of England' BR Blue Indicator Discs TMC Limited Edition	£189.95	£169.95
32-482ZSF Bachmann OO Gauge Class 40 No. 233 'Empress of England' BR Blue Indicator Discs DCC Sound Fitted TMC	£279.95	£251.95
32-611 Bachmann OO Gauge Class 90 90037 BR Railfreight Distribution Sector	£194.95	£165.71
32-612 Bachmann OO Gauge Class 90 90042 Freightliner Powerhaul	£194.95	£165.71
32-683JSF Bachmann OO/HO Gauge Class 45/0 '45022' Lytham St. Annes BR Blue (SOUND FITTED)	£249.95	£212.45
32-734B Bachmann OO Scale Class 66/0 66117 DB Cargo	£149.95	£127.46
32-734CSF Bachmann OO Gauge Class 66/0 66100 'Armistice 100 1918-2018' DB Cargo	£259.95	£220.96
32-738Z Bachmann OO Gauge Class 66 66136 YWUJ-LONDON DB Livery TMC Limited Edition	£169.95	£144.46
32-755A Bachmann OO Gauge Class 57/3 57314 Arriva Trains Wales (Revised)	£184.95	£157.21
32-756A Bachmann OO Gauge Class 57/6 57602 'Restormel Castle' GWR Green (FirstGroup)	£184.95	£157.21
32-765 Bachmann OO Scale Class 57/3 57313 WCRC Maroon	£204.95	£174.21
32-765SF Bachmann OO Scale Class 57/3 57313 WCRC Maroon (DCC Sound Fitted)	£294.95	£250.71
32-775TL Bachmann OO Gauge Class 37/0 37055 'Rail Celebrity' Mainline Blue	£169.95	£127.46
32-817SDDS Bachmann OO Gauge Class 47 47714 Anglia Blue (DCC Sound)	£244.95	£183.71
32-939DS Bachmann OO Gauge Class 150/2 2-Car DMU 150236 Arriva Trains Wales (Revised) - Sound Fitted - Includes	£369.95	£314.46
32-991 Bachmann OO Gauge Wickham Type 27 Trolley Car BR Maroon	£99.95	£84.96
33-307A Bachmann OO Gauge 20 Ton Toad Brake Van BR Bauxite	£22.95	£19.51
34-327E Bachmann OO Gauge 50ft Parcels Van 30965 LMS Crimson	£34.95	£29.71
34-332 Bachmann OO Gauge LMS Stanier 50ft Full Brake BR Blue & Grey	£34.95	£29.71
34-411 Bachmann OO Gauge LNER Thompson Composite Corridor BR Crimson & Cream	£59.95	£50.96
34-436 Bachmann OO Gauge LNER Thompson Brake Composite Corridor BR Crimson & Cream	£59.95	£50.96
34-460 Bachmann OO Gauge Thompson 3rd Class Brake Corridor LNER Teak	£54.95	£46.71
34-461 Bachmann OO Gauge LNER Thompson Brake Third Corridor BR Crimson & Cream	£59.95	£50.96
34-486 Bachmann OO Gauge LNER Thompson First Corridor BR Crimson & Cream	£59.95	£50.96
35-025A Bachmann OO Gauge GWR 94XX Pannier Tank 9405 GWR Green (GWR) Weathered	£144.95	£123.21
35-175 Bachmann OO Gauge ROD 2-8-0 1918 Railway Operating Division Black	£179.95	£152.96
35-500SF Bachmann OO Scale Class 117 3-Car DMU BR Green (Speed Whiskers)	£404.95	£344.21
35-502SF Bachmann OO Scale Class 117 3-Car DMU BR Network SouthEast (Revised)	£404.95	£344.21
35-525SF Bachmann OO Gauge Class 121 Single-Car DMU BR Green (Speed Whiskers)	£269.95	£229.46
35-526SF Bachmann OO Gauge Class 121 Single-Car DMU BR Blue & Grey	£269.95	£229.46
35-527SF Bachmann OO Gauge Class 121 Single-Car DMU BR Network SouthEast (Revised)	£269.95	£229.46
37-081TL Bachmann OO Gauge Triple Pack 'Cornish Coal Traders' Plank Wagons Weathered	£64.95	£48.71
37-253B Bachmann OO Gauge 16 Ton Steel Mineral Wagon BR Grey Weathered	£23.95	£20.36
37-275SD Bachmann OO Gauge 3 Pack 27 Ton ZKV Tippler Wagons BR Engineers 'Dutch' Wtdh	£59.95	£44.96
37-729C Bachmann OO Gauge 12 Ton Ventilated Van BR Bauxite	£25.95	£22.06
37-731B Bachmann OO Gauge GWR 12T Ventilated Van BR Grey (Early)	£25.95	£22.06
37-778D Bachmann OO Gauge 12 Ton Mogo Van GWR Grey	£25.95	£22.06
37-780A Bachmann OO Gauge 12 Ton Ventilated Van BR Bauxite Weathered	£28.95	£24.61
370-160 Graham Farish N Gauge Castle Pullman Digital Sound Train Set	£374.95	£318.71
370-430 Graham Farish N Gauge Capital Connection Train Pack	£209.95	£178.46
371-249 Graham Farish N Gauge Class 47/0 47018 BR Railfreight	£154.95	£131.71
372-032 Graham Farish N Gauge GWR 4073 Castle 5070 Sir Daniel Gooch BR Lined Green (Late Crest)	£149.95	£127.46
372-425A Graham Farish N Gauge WD Austerity 90441 BR Black (Early Emblem) - Weathered	£179.95	£152.96
372-429 Graham Farish N Gauge WD Austerity 79250 'Major-General McMullen' LMR Lined Blue	£179.95	£152.96
391-031DS Bachmann OO9 Narrow Gauge Baldwin 10-12-D Tank 590 'Selk' Highland Railway Lined Maroon - Sound Fitted	£249.95	£212.46
391-032 Bachmann OO9 Narrow Gauge Baldwin 10-12-D Tank E763 'Sid' SR Maunsell Green	£159.95	£135.96
393-050A Bachmann OO9 Narrow Gauge Open Bogie Wagon WD Grey	£27.95	£23.76
393-054 Bachmann OO9 Narrow Gauge Open Bogie Wagon SR Brown	£27.95	£23.76
393-075 Bachmann OO9 Narrow Gauge Slate Wagons 3-Pack Grey With Slate Load - Weathered	£46.95	£39.91
393-076 Bachmann OO9 Narrow Gauge Slate Wagons 3-Pack Red with Slate Load - Includes Wagon Load	£46.95	£39.91
4D-009-008 Dapol OO Gauge Class 121 Single Car DMU 'Bubblecar' 55032 in Midline West Midlands Livery	£119.95	£89.96
4D-009-009 Dapol OO Gauge Class 121 Single Car DMU 'Bubblecar' 977723 in Railtrack Red and White	£119.95	£89.96
4F-013-029 Dapol OO Gauge 'Gunpowder Van SR 62151	£11.10	£8.33
4F-013-121 Dapol OO Gauge Gunpowder Van Rugby Cement 12 Weathered	£12.20	£10.37
E87004 EFE Rail OO Scale JIA Nacco Wagon 33-70-0894-011-2 Imerys Blue [W - heavy]	£49.95	£37.46
E87512 EFE Rail N Scale 14T 'Mermaid' Side Tipping Ballast Wagon BR Departmental Black	£33.95	£28.86
E87513 EFE Rail N Scale 14T 'Mermaid' Side Tipping Ballast Wagon BR Departmental Olive Green	£33.95	£28.86
E87515 EFE Rail N Scale 14T 'Mermaid' Side Tipping Ballast Wagon BR Departmental Gulf Red	£33.95	£28.86
E87516 EFE Rail N Scale BR 20T 'Shark' Ballast Plough Brake Van BR Bauxite (Departmental)	£36.95	£31.41
E87519 EFE Rail N Scale BR 20T 'Shark' Ballast Plough Brake Van BR Departmental Olive Green	£36.95	£31.41



1752 Heljan O Gauge Class 17 Locomotive BR blue unnumbered Full Yellow End

£411.76 Regular Price £549.00



HEL9953 Heljan OO9 Narrow Gauge Lynton & Barnstaple 2-6-2T, No E760 Exe Intermedia

£165.34 Regular Price £220.45



2D-001-008 Dapol N Gauge Class 33/0 Locomotive D6561 BR Green Full Yellow Front

£99.46 Regular Price £132.60



2D-012-013 Dapol N Gauge BR Class 22 Locomotive D6315 SYP Green Font A Weathered

£115.87 Regular Price £154.50



32-069 Bachmann OO Gauge Class 43 'Warship' D841 'Roebuck' BR Green (Late Crest)

£119.96 Regular Price £159.95



39-151F Bachmann OO Gauge BR Mk1 FK First Corridor Coach BR Maroon

£35.96 Regular Price £47.95



38-061A Bachmann OO Gauge 45 Tonne glw MEA Open Box Wagon Mainline Blue - Weathered

£22.46 Regular Price £29.95

Item Name	RRP	TMC Price
1303 Heljan OO/HO Gauge Class 1361 0-6-0ST 1365 BR Black Early Crest	£159.95	£119.96
1750 Heljan O Gauge Class 17 BR green unnumbered SYP	£549.00	£494.10
1751 Heljan O Gauge Class 17 BR green unnumbered FYE	£549.00	£494.10
1753 Heljan O Gauge Class 17 BR green D8607 SYP WEATHERED	£549.00	£494.10
2533 Heljan OO Gauge Class 25/3 BR early blue D7661 with small yellow panels	£179.95	£161.96
2542 Heljan OO Gauge Class 25 25102 BR Two Tone Green Full Yellow Ends TMC Limited Edition	£179.95	£161.95
R3395TTS Hornby OO Gauge RailRoad LNER 4-6-2 'Mallard' A4 Class with TTS Sound	£135.99	£115.59
R3542 Hornby OO Scale BR, Q6 Class, 0-8-0, 63427 - Era 4	£160.99	£136.84
R3548 Hornby OO Gauge BR 4-6-0 '75053' Standard 4MT Early BR (New for 2017)	£170.99	£145.34
R3616 Hornby OO Gauge LMS Class 5MT 4-6-0 5089 - Era 3	£169.99	£144.49
R3617 Hornby OO Gauge BR Rebuilt Merchant Navy Class 4-6-2 35030 Elder Dempster Lines - Era 5	£169.99	£144.49
R3682 Hornby OO Gauge BR, Princess Coronation Class, 4-6-2, 46225 'Duchess of Gloucester' - Era 4	£204.99	£174.24
R3729 Hornby OO Gauge LNER Class O1 2-8-0 6359 - Era 3	£109.99	£93.49
R3736 Hornby OO Scale LNER, A1 Class, 4-6-2, 4472 'Flying Scotsman' v1 - Era 3	£209.99	£178.49
R3737 Hornby OO Gauge BR A4 Class 4-6-2 60022 'Mallard' - Era 4	£179.99	£152.99
R3743 Hornby OO Scale BR Railfreight, Class 60, Co-Co, 60015 'Bow Fell' - Era 8	£179.99	£134.99
R3812 Hornby OO Scale SR, Terrier, 0-6-0T, W10 v1 Coves v1, Era 3	£89.99	£76.49
R3831 Hornby OO Gauge BR Thompson Class A2/2 4-6-2 60505 'Thane of Fife' - Era 5 (1956-1968)	£189.99	£170.99
R3834 Hornby OO Scale BR, Thompson Class A2/3, 4-6-2, 60512 'Steady Aim' - Era 4	£189.99	£170.99
R3835 Hornby OO Scale BR, Thompson Class A2/3, 4-6-2, 60523 'Sun Castle' - Era 5	£189.99	£170.99
R3913 Hornby Railroad OO Gauge (1:76 Scale) GBRf, Class 20/9, Bo-Bo, 20905 - Era 10	£72.99	£65.69
R3920 Hornby OO Gauge Malcolm Rail Class 66 Co-Co 66434 - Era 10	£74.99	£63.74
R40002A Hornby OO Gauge BR Mk3 Trailer First Open Coach G 41086 - Era 8	£34.99	£31.49
R40003 Hornby OO Gauge BR Mk3 Trailer Standard Open Coach E 42169 - Era 8	£34.99	£31.49
R40003A Hornby OO Gauge BR Mk3 Trailer Standard Open Coach D 42168 - Era 8	£34.99	£31.49
R40061 Hornby OO Gauge (1:76 Scale) LSWR, 4 Wheel Coach, 1st Class, 123 - Era 2 New Tooling	£29.99	£26.99
R40062 Hornby OO Gauge (1:76 Scale) LSWR, 4 Wheel Coach, 3rd Class, 302 - Era 2 New Tooling	£29.99	£26.99
R40062A Hornby OO Gauge (1:76 Scale) LSWR, 4 Wheel Coach, 3rd Class, 308 - Era 2 New Tooling	£29.99	£26.99
R40064 Hornby OO Gauge (1:76 Scale) LSWR, 4 Wheel Coach, Brake Baggage, 140 - Era 2 New Tooling	£29.99	£26.99
R40086 Hornby OO Gauge (1:76 Scale) SR, 6 Wheel Coach, 3rd Class, 1908 - Era 3 New Tooling	£29.99	£26.99
R40086A Hornby OO Gauge (1:76 Scale) SR, 6 Wheel Coach, 3rd Class, 1909 - Era 3 New Tooling	£29.99	£26.99
R40093 Hornby OO Gauge (1:76 Scale) NBR, 6 Wheel Coach, Unclassed (Brake 3rd) Coach, 472 - Era 2 New Tooling	£29.99	£26.99
R4009G Hornby OO Gauge SR Composite Coach 5521 Malachite Green	£47.99	£40.79
R4127C Hornby OO Gauge LMS PIII Coronation Scot Brake Coach 5792 Blue	£44.99	£38.24
R4128C Hornby OO Gauge LMS PIII Coronation Scot 1st Class Coach 1071 Blue	£44.99	£38.24
R4313 Hornby OO Gauge Pullman Brake Car	£23.99	£21.59
R4352 Hornby HO/OO Gauge BR Mk1 Brake 3rd Maroon	£21.99	£19.79
R4405B Hornby OO Gauge BR 63' Hawksworth Corridor Third W2267W - Era 4	£49.99	£42.49
R4449B Hornby OO Gauge BR Period III Corridor Brake Third M5914M - Era 4	£49.99	£42.49
R4520B Hornby OO Gauge BR 51' Gresley Non-Vestibuled Suburban Third E82190E - Era 5	£49.99	£42.49
R4522C Hornby OO Gauge BR 51' Gresley Non-Vestibuled Suburban Brake Third E86109E - Era 5	£49.99	£44.99
R4525 Hornby OO Gauge GWR Restaurant Coach - Era 3 Railroad	£21.99	£18.69
R4671 Hornby OO Gauge RailRoad LMS 4 Wheel Coach	£18.99	£17.09
R4674 Hornby OO Gauge RailRoad LNER 4 Wheel Coach	£18.99	£17.09
R4679A Hornby OO Gauge GWR Collett 'Bow Ended' Corridor Third 4556 - Era 3	£47.99	£40.79
R4681A Hornby OO Gauge GWR Collett 'Bow Ended' Corridor Brake Third (L/H) 4942 - Era 3	£47.99	£40.79
R4682A Hornby OO Gauge GWR Collett 'Bow Ended' Corridor Composite (L/H) 6528 - Era 3	£47.99	£40.79
R4683A OO Scale GWR, Collett 'Bow Ended' Corridor Composite (R/H), 6527 - Era 3	£47.99	£40.79
R4718A Hornby OO Gauge SR 58' Maunsell Rebuilt (Ex-LSWR 48') Six Compartment Brake Third 2625 - Era 3	£47.99	£40.79
R4771 Hornby OO Gauge BR Mk1 Parcels Coach 'W80664' Blue & Grey Livery	£40.99	£36.89
R4773 Hornby OO Gauge BR Mk1 Coach Corridor Composite 'W16198' Blue & Grey Livery	£40.99	£34.84
R4782 Hornby OO Gauge BR Mk1 Parcels Coach 'E24693' Maroon (no crest)	£40.99	£34.84
R4787 OO Scale BR, Mk1 Tourist Second Open, E4656 - Era 5	£40.99	£34.84
R4798 Hornby OO Gauge BR Maunsell Third Class 'S3777S' Crimson & Cream	£48.99	£41.64
R4824 Hornby OO Gauge BR Mk1 First Open W3090 - Era 5	£39.99	£33.99
R4836 Hornby OO Gauge BR Maunsell Corridor Six Compartment Brake Second S2763S 'Set 230' - Era 5	£47.99	£40.79
R4844 Hornby OO Gauge BR Stanier Period III Parcels Van M31137 - Era 4	£49.99	£42.49
R4845 Hornby OO Gauge BR Mk1 Parcels M80584 - Era 4	£49.99	£33.99
R4847 Hornby OO Gauge BR Mk1 Corridor Composite M15185 - Era 4	£39.99	£33.99
R4848 Hornby OO Gauge BR Mk1 Corridor Brake Second M34466 - Era 4	£39.99	£33.99
R4849 Hornby OO Gauge BR Mk1 Second Open M4365 - Era 4	£39.99	£33.99
R4850 Hornby OO Gauge BR Mk1 Tourist Second Open M4428 - Era 4	£39.99	£33.99
R4876A Hornby OO Gauge GWR Collett 57' Bow Ended D98 Six Compartment Brake Third (Left Hand) 5503 - Era 3	£48.99	£41.64
R4877 Hornby OO Gauge GWR Collett 57' Bow Ended D98 Six Compartment Brake Third (Right Hand) 4972 - Era 3	£48.99	£41.64
R4884 Hornby OO Gauge SR Bulleid 59' Corridor Brake Third 2845 - Era 3	£47.99	£40.79
R4886B Hornby OO Gauge (1:76 Scale) BR, Bulleid 59' Corridor Composite, S5713S - Era 4	£49.99	£44.99
R4888C Hornby OO Gauge BR Bulleid 59' Corridor Brake Third S2860S - Era 4	£47.99	£40.79
R4888D Hornby OO Gauge (1:76 Scale) BR, Bulleid 59' Corridor Brake Third, S2849S - Era 4	£49.99	£44.99
R4888E Hornby OO Gauge (1:76 Scale) BR, Bulleid 59' Corridor Brake Third, S2850S - Era 4	£49.99	£44.99
R4936 Hornby OO Gauge BR GUV W86468 - Era 5	£36.99	£31.44
R4971A Hornby OO Gauge BR(W) Mk1 RB W1743 - Era 5 (1956-1968)	£34.99	£31.49
R4972A Hornby OO Gauge BR(S) Mk1 RB S1757 - Era 5 (1956-1968)	£34.99	£31.49
R4973A Hornby OO Gauge BR(M) Mk1 RB(R) M1627 - Era 7	£34.99	£31.49
R4974A Hornby OO Gauge BR Intercity Mk1 RB(R) 1981 - Era 8	£34.99	£31.49
R4975 Hornby OO Gauge BR(S) Mk1 SK S34310 - Era 5 (1956-1968)	£34.99	£29.74
R4981 Hornby OO Gauge BR(S) Mk1 FO S3065 - Era 5 (1956-1968)	£34.99	£29.74
R6422 Hornby OO Gauge Closed Van	£10.99	£9.89
R6425 Hornby OO Gauge BR FFA Container Wagon with two 30' containers - Era 7 Railroad	£17.99	£16.19
R6640B Hornby OO Gauge (1:76 Scale) LMS, 4 Wheeled CCT Van - Era 3	£23.99	£21.59
R6779 Hornby OO Gauge HORNBY VISTOR Class 2016 7 PLANK OPEN WAGON	£14.99	£12.74
R6812 Hornby OO Gauge 7 Plank Wagon 'John Vipond'	£16.99	£14.44
R6815 Hornby OO Gauge 6 Plank Wagon 'Jeayes Kasner & Co'	£16.99	£14.44
R6821 Hornby OO Gauge LMS Dia 1729 20 Ton Coke Wagon 'Appleby Iron Co.' 938	£23.99	£20.39
R6834A Hornby OO Gauge BR Dia.064 'Toad E' 20T Brake Van - Era 4	£21.99	£18.69
R6901 Hornby OO Gauge 5 Plank Wagon 'Hereford Coal Company' No. 35 - Era 2	£16.99	£14.44
R6913 Hornby OO Gauge SR 24T Diag. 1543 Goods Brake Van 55062 - Era 3	£24.99	£21.24



R4449B Hornby OO Gauge BR Period III Corridor Brake Third M5914M - Era 4

£37.49 Regular Price £49.99



E87515 EFE Rail N Scale 14T 'Mermaid' Side Tipping Ballast Wagon BR Departmental Gulf Red

£25.46 Regular Price £33.95



39-200D Bachmann OO Gauge BR Mk1 BG Brake Gangwayed High Security Rail Express Systems

£44.21 Regular Price £58.96



39-175F Bachmann OO Gauge BR Mk1 BG Brake Gangwayed BR Blue & Grey - Factory Weathered

£46.46 Regular Price £61.96



370-430 Graham Farish N Gauge Capital Connection Train Pack

£157.46 Regular Price £209.95



E87516 EFE Rail N Scale BR 20T 'Shark' Ballast Plough Brake Van BR Bauxite (Departmental)

£27.71 Regular Price £36.95



37-081TL Bachmann OO Gauge Triple Pack 'Cornish Coal Traders' Plank Wagons Weathered

£48.71 Regular Price £64.96

www.themodelcentre.com t. 01947 899125
Hill Farm, Beck Hole, Whitby, YO22 5LF

Forthcoming Releases

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

OO Gauge Steam Locos



Lynton & Barnstaple 2-4-2T
Stage: In Production Due: Q3 2021
Price: £203.96 Digital: 6-pin
hattons.co.uk/landb242t

OO Gauge Steam Locos



Class 5101 'Large Prairie' 2-6-2T
Stage: Painted Samples Due: TBC
Price: from £115.56 Digital: NEXT-18
hattons.co.uk/dapollargeprairie



Class 78xx 'Manor' 4-6-0
Stage: Engineering Sample Due: Q3 2021
Price: from £135.96 Digital: NEXT-18
hattons.co.uk/dapolmanor



Class J26 0-6-0
Stage: Early Development Due: Q4 2021
Price: from £93.50 Digital: 8-pin
hattons.co.uk/oxfordj26



Class 78xx Manor 4-6-0
Stage: Engineering Sample Due: Q4 2021
Price: from £169.99 Digital: 21-pin
hattons.co.uk/accurascalemanor

OO Diesels & Electrics



Class 59
Stage: Painted Samples Due: Mid-2021
Price: from £131.71 Digital: 21-pin
hattons.co.uk/dapol59



Class 45
Stage: Early Sample Due: Q3 2021
Price: from £143.65 Digital: 21-pin
hattons.co.uk/heljan45



Class 47
Stage: Prototype Due: Q4 21 - Q1 22
Price: from £131.71 Digital: 21-pin
hattons.co.uk/heljanoo47



Class 86/4 & 86/6
Stage: Early Development Due: Q3 2021
Price: from £161.46 Digital: 21-pin
hattons.co.uk/heljan864



Class 37/0, 37/4 & 37/6
Stage: Engineering Samples Due: Q2 2022
Price: from £169.99 Digital: 21-pin
hattons.co.uk/accurascale37

OO Diesel Multiple Units



Class 104
Stage: Early Development Due: TBC
Price: from £180 Digital: 21-pin
hattons.co.uk/heljan104



GWR AEC Railcar
Stage: Painted Samples Due: Q3 2021
Price: £160.65 Digital: 21-pin
hattons.co.uk/gwraec

OO Coaches & Wagons



Genesis 4 & 6 Wheel Coaches
Stage: Painted Samples Due: Q3 2021
Price: from £30 Digital: 18-pin
hattons.co.uk/genesis



JHA Hopper Wagons
Stage: Painted Samples Due: Mid-2021
Price: from £38.25 Digital: 6-pin
hattons.co.uk/dapoljha



BR Pilchard Wagons
Stage: Deco Samples Due: Q3 2021
Price: £13 Digital: N/A
hattons.co.uk/oxfordrpilchard



GER 10t Covered Van
Stage: Deco Samples Due: Jul 21
Price: £13 Digital: N/A
hattons.co.uk/oxfordgervan



LNER 10t Banana Van
Stage: Prototype Due: Jul 21
Price: £12.50 Digital: N/A
hattons.co.uk/oxford10tbanana

N Gauge Steam Locos



LSWR Class M7 0-4-4T
Stage: Prototype Due: Q4 2021
Price: £83.26 Digital: N/A
hattons.co.uk/dapolm7



Bulleid Light Pacific 4-6-2
Stage: Early Development Due: TBC
Price: from £169.96 Digital: NEXT-18
hattons.co.uk/dapolightpacific

N Gauge Diesel Locos



Class 59
Stage: Early Development Due: TBC
Price: from £118.37 Digital: TBC
hattons.co.uk/dapoln59

N Diesel Multiple Units



Class 142 Pacer (New Batch)
Stage: In Production Due: Q3 2021
Price: from £123.12 Digital: NEXT-18
hattons.co.uk/dapol142

O Gauge Diesels/ Electrics



Class 26
Stage: Prototype Due: 2022
Price: £509.15 Digital: ESU XL
hattons.co.uk/heljano26



Class 47
Stage: Early Sample Due: Q4 2021
Price: £594.15 Digital: ESU XL
hattons.co.uk/heljano47



Class 56
Stage: Early Sample Due: Q4 2021
Price: £594.15 Digital: ESU XL
hattons.co.uk/heljan56



Class 73
Stage: CADs Due: Mid-2022
Price: £531.25 Digital: ESU XL
hattons.co.uk/heljan73

O Diesel Multiple Units



GWR Streamlined Railcar
Stage: Painted Samples Due: Q4 2021
Price: from £297.50 Digital: 21-pin
hattons.co.uk/dapolorailcar



Class 121 'Bubble Car'
Stage: Painted Samples Due: Q3 2021
Price: from £254.15 Digital: 21-pin
hattons.co.uk/dapolo121

O Coaches & Wagons



Stroudley 4 Wheel Coaches
Stage: Prototypes Due: Q4 2021
Price: from £93.50 Digital: Yes TBC
hattons.co.uk/dapolstroudley



Mk2 & Mk2A Coaches
Stage: Prototypes Due: Q1 2022
Price: from £237.15 Digital: N/A
hattons.co.uk/heljanmk2

00 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



4S-043-003 Class 43xx Mogul 2-6-0 in GWR green BR smokebox numberplate (Dap) £140.72



R3865 Class 7MT Britannia 4-6-2 70013 'Oliver Cromwell' in BR green early emblem (Hor) £180



R3854 Class 8P Princess Royal 4-6-2 6212 'Duchess of Kent' in LMS crimson lake (Hor) £171



OR76N7003 Class N7 0-6-2T 69612 in BR black early emblem (Oxf) £98



4S-018-009 LSWR Class B4 0-4-0T 87 in SR wartime black (Dap) (RRP £110) **BARGAIN** £79



H4-P-016 SECR P Class 0-6-0T 31556 in BR black early emblem (Hat) (RRP £99) **BARGAIN** £84

Steam train packs



R3670 South Wales coal train pack Class 72XX 2-8-2T 7224 in BR black and three private owner wagons (Hor) £135

Diesel locos



4D-003-016 Class 52 'Western' D1043 'Western Duke' in BR chromatic blue small yellow panels (Dap) £133.68



H4-66-037 Class 66 66587 in Freightliner/ONE pink 'AS ONE, WE CAN' (Hat) (RRP £150) **BARGAIN** £119



H4-66-033 Class 66 66743 in GBRI/Royal Scotsman (Hat) (RRP £150) **BARGAIN** £119

HSTs



R3903 Pair of Class 43 HST Power Cars 43021 and 43132 'A New Era' in ScotRail '7 Cities' (Hor) £261

Electric locos



8656 Class 86/0 86034 in BR blue - weathered (Hel) £169.96



8655 Class 86/0 86036 in BR blue (Hel) £161.46



8650 Class 86/0 E3104 in BR blue lion on wheel emblem 'as built' (Hel) £161.46

Wagons



5028 IWB Cargowagon bogie van in CARGOWAGON (Hel) **NEW** £42.46

Point motors

R8243 Surface Mounted point motor (Hor) £5.50

89121 27.4 metre (90ft) Motorised turntable - ready for installation. For HO/OO scales. DCC ready (Hel) £210

Track - Code 100 Setrack

R8072 Left Hand Standard Point (Hor) £9.50

R603 Long Straight - 670mm (Hor) £4

Track - Code 100 Streamline



SL-100 Single (Pec) £3.10

SL-E88 Right hand large point - electrofrog (Pec) £12.50

Track - Code 75 Finescale

SL-100F 1 yard (91.5cm) length of Nickel Silver Finescale flexible track (Pec) £3.20

SL-100F Pack of 25 (Pec) £76

Buses



IE0007 ADL Enviro400 MMC - 'Dublin Bus' (Nor) **NEW** £51

N Gauge

Steam locos



2S-007-028 Class 57xx Pannier 0-6-0PT 5775 in Great Northern and Southern Railway ochre - as in 'The Railway Children' (Dap) £82.65



2S-007-025 Class 57xx Pannier 0-6-0PT L95 in London Transport red (Dap) £82.65



2S-002-006 Class V 'Schools' 4-4-0 30939 'Leatherhead' in BR green early emblem (Dap) **NEW** £127.52

NEW



2S-002-007 Class V 'Schools' 4-4-0 930 'Radley' in SR wartime black (Dap) **NEW** £127.52

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) £175.94

Bi-Modal Multiple Units



K10-1671 Class 800/0 5-car BiMU IET 800021 in GWR green (Kat) **NEW** £178



2K10-1674 Class 800/0 5-car BiMU IET 'Azuma' 800209 in LNER livery (Kat) **NEW** £178

Track - Code 80 Streamline

SL-302 1 yard (91.5cm) length of Concrete Sleeper Nickel Silver Flexible track (Pec) £3

SL-302 Pack of 25 (Pec) £69



SL-300 Single (Pec) £3

Track - Code 55 Finescale

SL-300F 1 yard (91.5cm) length of Finescale Nickel Silver flexible track (Pec) £3.20

SL-300F Pack of 30 (Pec) £93

O Gauge (1:43 Scale)

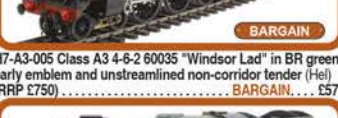
Steam locos



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



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-A3-007 Class A3 4-6-2 60103 'Flying Scotsman' in BR green late crest and unstreamlined non-corridor tender (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-A4-009 Class A4 4-6-2 60008 'Dwight D Eisenhower' in BR green late crest and streamlined non-corridor tender (Hel) (RRP £750) **BARGAIN** £579

DMUs



1001 GWR AEC diesel railcar in 29 GWR chocolate and cream grey roof and coat of arms emblem (Hel) £466.65

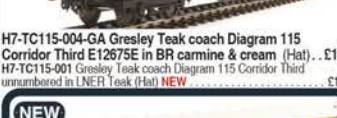
Coaches



H7-TC115-002 Gresley Teak coach Diagram 115 Corridor Third 23896 in LNER Teak (Hat) **NEW** £179



H7-TC115-004-GA Gresley Teak coach Diagram 115 Corridor Third E12675E in BR carmine & cream (Hat) £179



H7-TC115-001 Gresley Teak coach Diagram 115 Corridor Third unnumbered in LNER Teak (Hat) **NEW** £179



H7-TC175-002 Gresley Teak coach Diagram 175 Brake Corridor Composite 24068 in LNER Teak (Hat) **NEW** £179



H7-TC186-002 Gresley Teak coach Diagram 186 Open Third 23956 in LNER Teak (Hat) **NEW** £179



H7-TC186-001 Gresley Teak coach Diagram 186 Open Third unnumbered in LNER Teak (Hat) **NEW** £179



4996 Mk1 57' GUV general utility van in Intercity Motorail branding (Hel) **NEW** £169.15



4958 Mk1 BG full brake in BR blue and grey (Hel) £186.15

Wagons



7F-031-009 6 wheel milk tanker Unigate Creameries 44013 (Dap) **NEW** £67.99

SL-E791BH Right hand point bullhead rail and electrofrog (Pec) £44

SL-725 Setrack Bullhead 2nd radius standard curve 1020mm radius (Pec) £5

SL-700FB 1 Yard O Gauge Flexible Nickel Silver Track (Finescale Flatbottom) (Pec) £7

SL-700FB Box of 12 (Pec) £80

Any or Multiple Scales

Analogue controllers



COMBI Combi 12v 1Amp Single Track Controller Transformer (Gau) £38



D Double/Twin track power controller (Gau) £104



Q Quadruple 4 circuit power controller (Gau) £192

Digital decoders

R8249 8-pin 4-function 2-sided 0.5A (1A peak) decoder (Hor) £16

R8249 Box of 6 (Hor) £92

DCR-8PIN-Direct 8-pin compact direct 4-function 1Amp decoder back EMF (Hat) £17

DCR-8PIN-Direct Box of 5 (Hat) £77

DCR-8PIN-Direct Box of 10 (Hat) £136

Point motors

DCP-CB12DIP Cobalt 12 slow-motion digital point motor - pack of 12 (DCC) £255

PL-10E Solenoid point motor extended pin - for use PL-9 (Pec) £7

PL-10E Bag of 6 (Pec) £40



CAMBORNE
98A Trelowarren Street, TR14 8AN

Kernow Model Rail Centre

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



ACC2400KUA KUA Nuclear Flask Carrier Twin Pack.....£159.95

BACHMANN OO



32-442SF Class 24/1 Diesel Locomotive No. 24 137 BR Blue. DCC Sound Fitted.....£237.99

BACHMANN SCENECRAFT OO

44-0147 Railway Stables.....	£59.95
44-0148 Railway Stables Tack Room.....	£38.95
44-0149 Railway Stables Keeper's House.....	£38.95
44-0157 Two Road Stone Engine Shed.....	£101.99
44-0206 1930s Sems.....	£42.95
44-040 Diesel Fuelling Point.....	£22.95
44-503 Welded Storage Tank.....	£17.95

C-RAIL INTERMODAL OO

CR91 30ft x 8ft 6in Bulktrailer No. BELU 003385 - Bell.....	£8.99
CR92 30ft x 8ft 6in Bulktrailer No. UBGU 655128 - UBC.....	£8.99
CR93 30ft x 8ft 6in Bulktrailer No. IFFU 356945 - IFF.....	£8.99
CR94 30ft x 8ft 6in Bulktrailer No. DHBU 317467 - Den Hartogh.....	£8.99

DAPOL OO

4F-016-037 Banana Van No. B882138 BR Bauxite.....	£11.15
4F-016-038 Banana Van No. B882138 BR Bauxite, weathered.....	£12.21
4F-016-039 Banana Van No. B240725 Fyffes Yellow.....	£11.15



4F-016-040 Banana Van No. B240725 Fyffes Yellow, weathered.....£12.21

GAUGEMASTER OO

GM455 Fordhampton Station Platform Straights.....	£3.15
GM456 Fordhampton Station Platform Ramps Straight.....	£2.95
GM457 Fordhampton Station Platform Ramps Tapered.....	£2.95
GM481 Teignmouth Signal Box Kit.....	£16.50
GM483 Fordhampton Church Kit.....	£15.75
GM484 Fordhampton Seaford Cafe Kit.....	£13.25
GM485 Fordhampton Infant School Kit.....	£13.25

HELJAN OO

5022 IWB Cargowagon No. 83 70 279 5 301 Colas Tarmac Grey.....	£42.95
5023 IWB Cargowagon No. 83 70 279 5 306 Colas Tarmac Grey, weathered.....	£46.95
5024 IWB Cargowagon No. 33 80 279 7 611 Blue Circle Cement Yellow.....	£42.95



5025 IWB Cargowagon No. 33 80 279 7 683 Blue Circle Cement Yellow, weathered.....£15.00
5026 IWB Cargowagon No. 33 80 279 7 604 Silver & Blue.....£42.95

5027 IWB Cargowagon No. 33 80 279 7 664 Slate Blue.....£42.95



5028 IWB Cargowagon No. 33 80 279 7 596 Silver & Blue.....£42.95
5029 IWB Cargowagon No. 33 80 279 7 598 Silver & Blue, weathered.....£46.95

HORNBY OO

R3914 Railroad Class 37 Co-Co Diesel Loco 97 304 "John Tiley" Network Rail Yellow.....	£74.99
R3915 Railroad 121 Single Car DMU No. 960015 Network Rail.....	£71.49
R3952 Class 390 Pendolino Train Pack 390 001 - Avanti West Coast.....	£224.99



R40132 SR 6 Wheel 3rd Class Coach No. 1908 SR Olive Green.....£32.49

HORNBY SCENECRAFT OO

R7265 Alms Houses.....	£31.49
R7266 The Old Rectory.....	£26.99
R7268 M. Wilks Photographers.....	£22.49
R7269 The Office.....	£25.99
R7271 Modern Timber Garage.....	£17.99
R7272 Stone Bus Stop.....	£17.99

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

IN STOCK / OO GAUGE

HORNBY OO



R3769 Network Rail Class 43 HST Train Pack.....£260.99
R3770 GWR Class 43 HST Train Pack.....£260.99



R3901 Class 60 Co-Co Diesel Locomotive No. 60 021 Colas Rail.....£161.99
R3903 ScotRail Class 43 HST Train Pack Power Cars 43021 & 43132 A New Era.....£260.99
R3944 Class 43 HST Intercity Train Pack - Power Cars 43123 & 43065 City of Edinburgh.....£260.99
R4946 Mk2F Test Train Brake Force Runner No. 72616 Network Rail.....£31.49
R4988 Mk3 Lecture Coach No. 975984 Network Rail New Measurement Train.....£31.49
R4989 Hornby Mk3 Standby Generator 977995 Network Rail New Measurement Train.....£31.49
R4992 Mk2D Support Coach No. 9481 Network Rail.....£31.49
R4997 Ex-BR Super GUV QQA No. ADB 971003 Network Rail.....£26.99

BACHMANN OO



31-517 Class 158 2 Car DMU No. 158 849 BR Regional Railways.....£220.99



31-518 Class 158 2 Car DMU No. 158 773 East Midlands Trains.....£233.95
31-519 Class 158 2 Car DMU No. 158 766 GWR Green.....£233.95



31-520 Class 159 3 Car DMU No. 159 013 Network SouthEast.....£322.95
31-741SF Midland Railway 1532 Class 1P Steam Locomotive No. 1303 LMS Black.....£199.99
31-742SF Midland Railway 1532 Class 1P Steam Locomotive 58072 BR Black E/E.....£212.95
32-083A Class 56XX Steam Locomotive No. 6644 BR Green L/C, weathered.....£101.99
32-166 Southern N Class Steam 1406 SR Black with Bulleid Sunshine lettering.....£109.99



32-205A GWR 8750 Pannier Tank No. 8771 BR Lined Black E/E.....£101.95



35-126 Class 20/3 Diesel Loco No. 20 311 Harry Needle Railroad Company.....£152.99



35-526 Class 121 Single Car DMU Set No. P125 BR Blue and Grey.....£131.95
37-680B 14 Ton Tank Wagon No. 136 'Fina Motor Spirit' Silver.....£22.95
37-682A 14T Tank Wagon No. 127 'Crossfield Chemicals' Green.....£22.95
37-659C 14T Tank Wagon No. 754 'National Benzole Mixture' Silver.....£22.95
37-661A 14T Tank Wagon No. 309 'ICI' Maroon, weathered.....£23.95



38-725 Warflat Bogie Flat Wagon WD Khaki Drab with Tank.....£49.95
38-726 Warflat Bogie Flat Wagon WD Bronze Green with Tank.....£49.95
38-727 Warflat Bogie Flat Wagon No. W161042 BR Grey.....£37.95
38-740 War Office 'Parrot' Bogie Wagon No. 39302 WD with Sheeted Tank Load.....£49.95
38-741 War Office 'Parrot' Bogie Wagon No. 279158 LMS Grey.....£36.95
38-801 R & R 45 Ton Breakdown Crane 16 GWR Grey Old Oak Common allocation.....£212.95
38-802 Ransomes & Rapier 45 Ton Breakdown Crane 122 BR Black Corton Motive Power Depot.....£212.95
38-803 Ransomes & Rapier 45 Ton Breakdown Crane BR Red.....£212.95
39-175W BR Mk1 BG Brake Gangwayed ORV AD8977155 BR.....NEW LOWER PRICE £39.99

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

LATEST ARRIVALS / N

DAPOL N



25-002-006 Schools Class 4-4-0 Steam 30393 "Leatherhead" BR Lined Green.....£123.95
25-002-006J Schools Class 4-4-0 Steam 30393 "Leatherhead" BR. DCC Fitted.....£148.95
25-002-007 Schools Class 4-4-0 Steam 30350 "Radley" Southern Wartime Black.....£123.95
25-002-007D Schools Class 4-4-0 Steam 30350 "Radley". DCC Fitted.....£148.95

GAUGEMASTER N



GM2000103 GWR IET Class 800 Premium Train Set.....£239.95
GM2000104 LNER Azuma Class 800 Premium Train Set.....£239.95

KATO N

10-1674 Class 800/2 Azuma 5 Car EMU Set No. 800 209 LNER.....£178.95

IN STOCK / N

EFE RAIL N

E84501 Class 17 Diesel L No. D8585 BR Green with small yellow panels.....£101.99



E84502 Class 17 Diesel Loco No. D8594 BR Green with small yellow panels.....£101.99
E84503 Class 17 Diesel Loco No. D8560 BR Green with small yellow panels.....£101.99
E84504 Class 17 Diesel Loco No. 8601 BR Green with full yellow panels.....£101.99
E84505 Class 17 Diesel Locomotive No. 8512 BR Blue.....£101.99
E84506 Class 17 Diesel Locomotive No. D8523 BR Blue.....£101.99



E84507 Class 17 Diesel Locomotive Ribble Cement.....£101.99
E84509 Class 17 Diesel D8600 BR Green with small yellow panel, weathered.....£110.95
E84510 Class 17 Diesel Locomotive D8606 BR Blue, weathered.....£110.95
E84511 Class 17 Diesel Locomotive D8507 BR Blue, weathered.....£110.95

GRAHAM FARISH RAIL N

371-249 Class 47/0 Diesel Locomotive No. 47 018 BR Railfreight Grey.....£131.95
371-289 Class 55 Deltic Locomotive D9001 "St. Paddy" BR Two-Tone Green, weathered.....£131.95
371-427A Class 170/3 2 Car DMU 170 308 South West Trains.....£152.95
371-432A Class 170/5 2 Car DMU No. 170 501 London Midland.....£152.95



371-661 Class 57/3 Diesel No. 57 305 "Northern Princess" DRS Northern Belle.....£114.99
373-811 HKA Bogie Hopper No. 300679 National Power Blue.....£42.95
373-812 HKA Bogie Hopper 300613 Debranded "National Power" Blue, weathered.....£42.99
373-813 HKA Bogie Hopper Wagon No. 300684 DB Schenker.....£39.95
374-994 BR West Highland Line Coach Pack Mk1 TSO.....£80.95

LATEST ARRIVALS / O GAUGE

DAPOL O

7F-031-006 6 Wheel Milk Tanker No. 44018 United Dairies.....£72.99



7F-031-007 6 Wheel Milk Tanker No. 4405 Express Dairies.....£72.99



7F-031-008 6 Wheel Milk Tanker No. 4409 CWS Green.....£72.99

7F-031-009 6 Wheel Milk Tanker No. 44013 United Creameries.....£72.99
7F-037-001 GWR Conflat 39860 BD2 Chocolate Container B-2020 Door to Door.....£57.95
7F-037-002 GWR Conflat 39612 BD2 Chocolate Container B-1788 Door to Door.....£57.95
7F-037-003 GWR Conflat 39326 BK2 Chocolate Container BK-1829 Furniture Removal.....£57.95
7F-037-004 BR Conflat A B735200 BD Bauxite Container 46577B Door to Door.....£57.95
7F-037-005 BR Conflat A B735364 BD Bauxite Container 47324 B Door to Door.....£57.95
7F-037-006 BR Conflat A B735819 BD Crimson Container 73581 British Railways.....£57.95
7F-037-100 GWR Conflat 36692 12 Tons Tare 6-1.....£39.95
7F-037-101 GWR Conflat 36508 Non Vacuum H9.....£39.95
7F-037-102 BR Conflat A B735201 13 Tons 6.13.....£39.95
7F-037-103 BR Conflat A B735233 13 Tons 6.0.....£39.95

HELJAN O

4943 Mk1 RMB Coach InterCity Executive - unnumbered, Commonwealth bogies.....£186.99
4996 Mk1 GUV InterCity Motorail - unnumbered, Commonwealth bogies.....£179.99



BARGAIN CLEARANCE

VISIT OUR WEBSITE FOR EVEN MORE BARGAINS



OO GAUGE

BACHMANN

31-170 L&YR 2-4-2 Steam Tank No. 50764 BR Black.....£69.99
31-181A Robinson Class J11 (GCR) 9 Steam Loco No. 5954 LNER Black.....£104.99
31-426C Class 411 4-CEP 4 Car EMU No. 7122 BR SR Green.....£349.99
32-166 Southern N Class Steam No. 1406 SR Black Bulleid Sunshine lettering.....£109.99
32-3891L Class 37/4 Diesel Loco 37 416 "Mount Fuji" Intercity Mainline, weathered.....£139.95
32-390DBS Class 37/7 Diesel Locomotive No. 37 704 EWS. DCC Sound.....£199.99
32-560 Class A1 Steam Locomotive No. 60117 BRITISH RAILWAYS Apple Green.....£114.95
32-650DS Class 44 Diesel Locomotive No. 03 "Skiddaw" BR Green, DCC Sound.....£199.99
32-775NFD Class 37/0 Diesel 37 104 Railfreight Triple Grey, DCC Sound Fitted.....£199.99



32-7751L Class 37/0 Diesel Loco No. 37 055 "Rail Celebrity" Mainline Freight.....£119.95
32-7751LDS Class 37/0 No. 37 055 "Rail Celebrity" Mainline Freight, DCC Sound Fitted.....£199.99
32-778HJ Class 37/0 Diesel Loco No. 37 275 "Stainless Pioneer" Trainload Metals.....£139.99
32-779ZW Class 37/0 Diesel Loco No. 37 026 "Loch Awe" BR Blue, weathered.....£169.99
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 Salford, weathered.....£17.99
33-832 25 Ton Queen Mary Brake Van YTX No. KDS 56305 EWS.....£19.99
37-040 5 Plank Wagon Steel Floor No. 362 L.C.I. Ltd with load, weathered.....£14.95
37-097 Coal Trader Pack. 3 x 5 Plank Wagons, weathered.....£37.95
37-114 7 Plank Fixed End Wagon Baldwin, weathered.....£12.95
37-185A 7 Plank Wagon No. P158917 w/Coke Rails (BR) Cory, weathered.....£14.95
37-253C 20 Ton Brake Van CAR No. B955016 BR Railfreight.....£17.95
38-105 Triple Pack 34 Ton PNA Wagons Railtrack 5 Rib, weathered.....£41.99
38-329A 13 Ton High Sided Steel Wagon 27895 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
38-553A 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
39-003 MK1 Coach Pack - BR Blue & Grey NSF, weathered.....£69.99
39-004 MK1 Coach Pack - BR Blue & Grey ScotRail, weathered.....£69.99
39-005 Highlander Coach Pack.....£97.99
39-082B BR Mk1 BSK Brake Second Corridor Coach No. 35329 Network SouthEast.....£27.95
39-127B BR Mk1 CK Composite Corridor Coach No. E15055 BR Crimson & Cream.....£27.99
39-153D BR Mk1 FK First Corridor Coach No. S13006 BR (SR) Green.....£33.99
39-177C BR Mk1 BG Full Brake Coach No. M80565 BR Crimson & Cream.....£27.95
39-186 BR Mk1 BG Full Brake Coach QFX AD8 975612 Departmental Olive Green, w/hnd.....£27.99
39-240 BR Mk1 FO First Open Coach No. M3001 BR Crimson & Cream.....£32.99
39-250A BR Mk1 RFO Restaurant Car No. M5 BR Blue & Grey.....£27.99
39-251D BR Mk1 RFO Restaurant Car No. M1 BR Maroon.....£27.99
39-265 BR Mk1 RMB Miniature Buffet Car No. M1865 NSF.....£28.99
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
39-364 BR Mk2a TSO Tourist Second Open Coach 5278 Regional Railways, w/hnd.....£63.95
39-414 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
39-413 BR Mk2a BFK Brake First Corridor Coach 35516 Regional Railways, w/hnd.....£47.99
39-502A BR Mk1 SLSTP Second Class Sleeper Car No. E2591 BR Maroon.....£28.99
39-578 BR Auto Trailer No. W234 BR Crimson & Cream.....£49.99

HORNBY

R1223 Freightmaster Train Set.....£64.99
R3373 Class 71 Electric Locomotive No. E5001 BR Green with small yellow panel.....£109.99
R3374 Class 71 Electric Locomotive No. 71 012 BR Blue with full yellow end.....£109.99
R3408 4-6-0 5000 King Class Steam Loco No. 6016 "King Edward V" GWR Green.....£114.99
R3409 4-6-0 6000 King Class Steam Locomotive No. 6002 "King William IV" BR L.C.....£114.99
R3417 K1 Class Steam Locomotive No. 62065 BR Black.....£89.99
R3418 K1 Class Steam Locomotive No. 62066 BR Black.....£94.99
R3448 B17 Class Steam Locomotive No. 61619 "Welbeck Abbey" BR Green.....£99.99
R3458 Schools Class Steam Locomotive No. 921 "Shrewsbury" SR Black.....£129.99
R3527 N17 King Arthur Class Steam Locomotive No. 742 "Camelot" SR Black.....£99.99
R3568 Class 71 Electric Locomotive No. E5018 BR Green.....£99.99
R3569 Class 71 Electric Locomotive No. E5005 BR Blue.....£99.99
R3614 Patriot Class Steam Locomotive No. 5521 "Rhyl" LMS Black.....£129.99
R3627 A3 Class 4-6-2 Steam Locomotive 80103 "Flying Scotsman" BR Blue E/E.....£134.99
R3670 Collett Class 72xx South Wales Coal Freight Pack.....£99.99
R3671 K1 North Eastern Freight Pack.....£99.99



R3740 Class 92 Co-Co Electric Locomotive 92 023 Caledonian Sleeper.....£64.99
R4519B 51ft Gresley Non-Vestibuled Suburban First Coach E81032E BR Maroon.....£28.99
R4520B 51ft Gresley Non-Vestibuled Suburban First Coach E82190E BR Maroon.....£28.99
R4521C 51ft Gresley Non-Vestibuled Suburban Composite Coach E88067E BR Maroon.....£28.99
R4522C 51ft Gresley Non-Vestibuled Suburban Brake Third Coach E86109E BR Maroon.....£28.99
R4684A Collett Bow-Ended Corridor Third Coach W4910W BR Crimson & Cream.....£29.99
R4685A Collett Bow-Ended Corridor Third Coach W4925W BR Crimson & Cream.....£29.99
R4686A Collett Bow-Ended Corridor Third Coach W4925W BR Crimson & Cream.....£29.99
R4687A Collett Bow-Ended Corridor Composite Coach W6146W BR Crimson & Cream.....£29.99
R4689 LMS Non-Corridor 57ft Third Class Coach No. M11912M.....£27.99
R4691A ex LMS Non-Corridor 57ft Third Class Coach No. M20788M BR.....£24.99
R4793 SR 58ft Maunsell Rebuilt (ex LSWR 48ft) 6 Compartment Brake 3rd Coach 2628.....£41.99
R4799 LMS Suburban Non-Corridor Composite No. M16635 BR Crimson.....£29.99
R4780 LMS Suburban Non-Corridor Third Class Coach No. M11793 BR Crimson.....£29.99
R4781 LMS Suburban Non-Corridor Third Class Coach M20736M BR Crimson.....£29.99
R4817A Maunsell Dining Kitchen First Coach No. S7858A BR Green.....£34.99
R4824 Mk1 First Open FO Coach No. W3090 BR Chocolate & Cream.....£24.99
R4876A GWR Collett 57ft Bow Ended D88 Six Compartment Brake Third Coach 5503.....£24.49
R4940C Mk3 Sliding Door TS Coach No. 42370 Cross Country Trains.....£26.99
R8817 7 Plank Wagon No. 7230 Staveley Caustic Soda.....£13.00
R8815 6 Plank Wagon No. 107 Jeayes Kasner & Co.....£13.00
R8837 20T Coke Wagon No. B447526 BR Brown.....£14.99

BARGAIN BUNDLES

31-676APACK Bachmann Class 85 Electric Loco E3057 + 37-2387.....£179.99
K9965 The Sapper Cargowagon Pack.....£149.99
K9967 Virgin Cross Country Police Pack.....£234.99
K9972 Mainline Freight Ballast Pack.....£199.99
K9998A Bachmann Scenecraft China Clay Dries Pack with FREE Landrover.....£99.99
K3951PACK Hornby Class 66 Diesel Locomotive 66 780 + R8121TS.....£84.99

N GAUGE

BARGAIN PACK

K3964 Graham Farish Class 66 + HKA x 2.....£169.99

GRAHAM FARISH



372-629 Ivatt Class 2MT 2-6-0 Steam Loco No. 46460 BR Black E/E, weathered.....£102.99
374-135 BR Mk1 GUV ORV 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 OVA No. ADB977109 BR.....£28.99
374-192 BR Mk1 BSK Brake Second Corridor Coach No. M35451 Intercity.....£20.99
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
374-612 BR Auto Trailer No. W237W BR Crimson.....£26.99
374-643 BR Mk1 CCT Coach OOX No. AD8 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
374-847A 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
377-059 5 Plank Wagon No. 91 Salt Union Ltd Stoke Works.....£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
377-379 20 Ton Load Brake Van BR Departmental Yellow.....£16.99
377-954A 13 Ton High Sided Steel Wagon No. 27888S NE Grey.....£12.99
377-957 13 Ton High Sided Steel Wagon E279122 BR Grey w/smooth sides.....£11.99
377-976A 12 Ton Eastern Ventilated Van No. E236010 BR Early Bauxite.....£19.95
379-517 Harrington Cavalier Southdown.....£8.95
379-532 Bristol RELH Royal Blue.....£8.95
379-562 GUY ARB II Midland General.....£8.95
42-0001 Two Road Brick Engine Shed.....£21.95
42-0005 Portable Office.....£10.50
42-150 Road Side Farm Shop.....£12.00
42-191 Red Star Parcels Office.....£13.50
42-198 Power Station Chimney.....£22.95
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
42-236 Low Relief Railway Hotel.....£12.95
42-254 Low Relief Signal Box.....£13.50
42-298 Low Relief Boiler House.....£19.95

WOODLAND SCENICS

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

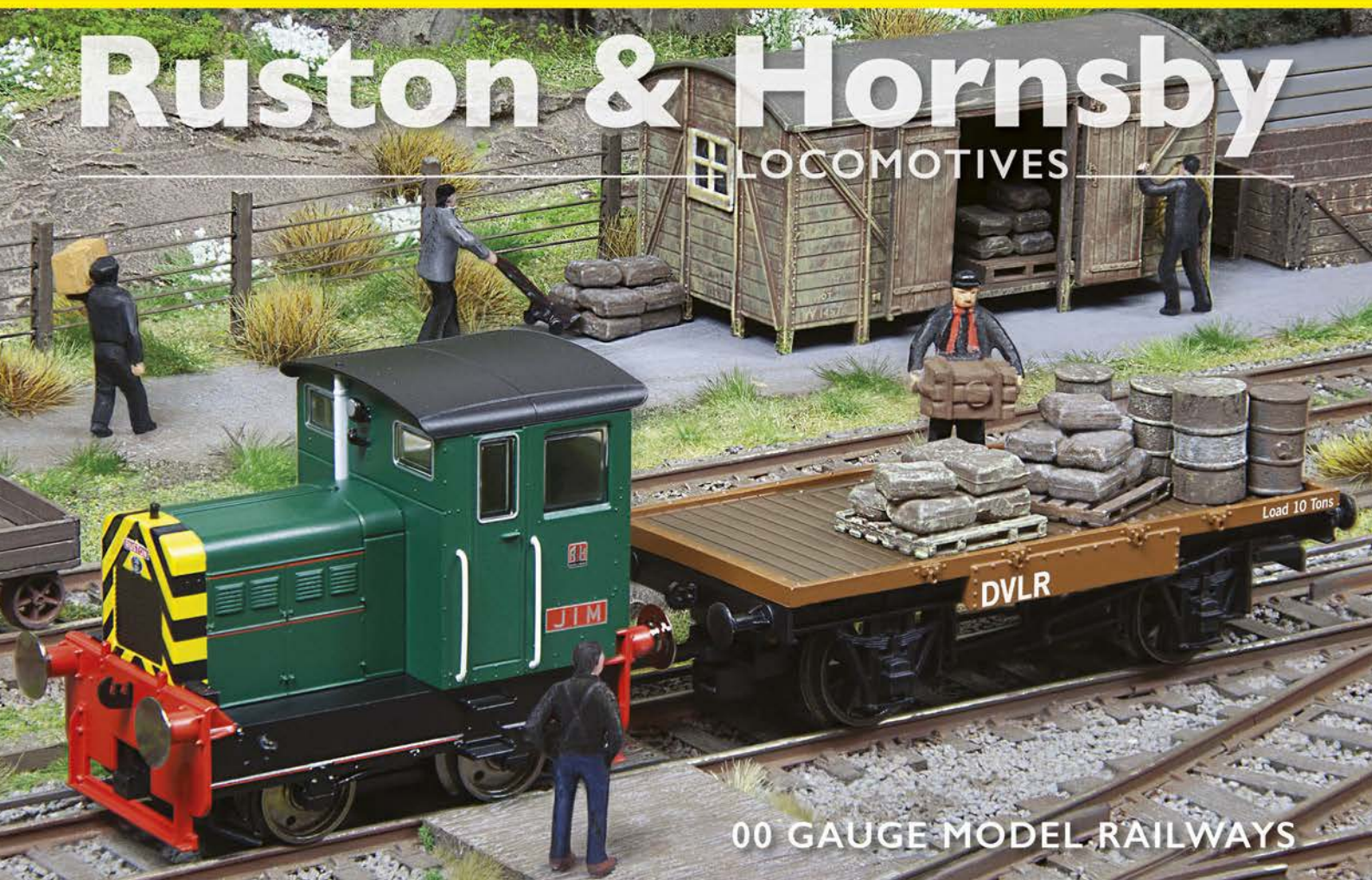
FOR OUR FULL RANGE PLEASE VISIT WWW.KERNOWMODELRAILCENTRE.COM // PRICES CORRECT AT TIME OF PRINT BUT ARE SUBJECT TO CHANGE



CALL OUR TEAM ON 01209 714099 • PLEASE SEND MAIL ORDERS TO 98A TRELOWARREN STREET, CAMBORNE, CORNWALL, TR14 8AN

Ruston & Hornsby

LOCOMOTIVES



00 GAUGE MODEL RAILWAYS

The standard gauge Ruston & Hornsby 48 Diesel Shunter (DS), so named because of their 48 horsepower engines, were built from 1937 onwards. Their size made them ideal for shunting duties in factories and small yards and over the years many changes were introduced to further improve their shunting performance such as the introduction of an enclosed cab and deeper buffer beams. By the time production ended 189 standard gauge locomotives had been produced.



R3853

GrantRail Ltd, Ruston & Hornsby 48DS, 0-4-0, GR5090 - Era 9

DCC
READY

6 PIN
CONNECTION



R3852

DVLR, Ruston & Hornsby 48DS, 0-4-0, 417892 'Jim' - Era 8

DCC
READY

6 PIN
CONNECTION



R3943

Express Dairy Co. Ltd, Ruston & Hornsby 48DS, 0-4-0, 235511 - Era 4/5/6

DCC
READY

6 PIN
CONNECTION

Following the 48DS, new for 2021 is the 88DS in four fantastic liveries!



R3894

North British Distillery Co. Ltd, Ruston & Hornsby 88DS, 0-4-0, No. 4 - Era 6

DCC
READY

6 PIN
CONNECTION

R3895

Rowntree & Co., Ruston & Hornsby 88DS, 0-4-0, No. 3 - Era 11

DCC
READY

6 PIN
CONNECTION

R3896

BR, Ruston & Hornsby 88DS, 0-4-0, No. 84 - Era 6

DCC
READY

6 PIN
CONNECTION

R3897

BR, Ruston & Hornsby 88DS, 0-4-0, No. 20 - Era 7

DCC
READY

6 PIN
CONNECTION

Explore the range of Hornby Ruston & Hornsby models, which are due to arrive in the coming months.

For more information please visit your local Hornby stockist or go to: www.hornby.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 have an ongoing programme of advisory days, in all regions of the United Kingdom, where you can meet us and discuss the sale of your collection.

We will be visiting all areas of the UK in the coming months, 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.



Warwick & Warwick

AUCTIONEERS AND VALUERS
www.warwickandwarwick.com

Get the experts on your side!

Warwick & Warwick Ltd., Chalon House, Scar Bank,
Millers Road, Warwick CV34 5DB England

Tel: (01926) 499031 • Fax: (01926) 491906
Email: richard.beale@warwickandwarwick.com

 /warwickauctions

 @warwickauctions



ELLIS CLARK TRAINS

Unit 1 Toller Court
Shortbank Road, Skipton
North Yorkshire BD23 2HG

WANTED

VISIT our
**O GAUGE &
LARGER** gauge
SHOWROOM

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

CONTACT ELLIS OR ALBERT





THE MODEL SHOP FOR BIG IMAGINATIONS

MODEL RAILWAYS - SLOT CARS - PLASTIC KITS/WARGAMING - DIECAST/COLLECTABLES

FREE POSTAGE on orders over £25.00
EXPRESS DELIVERY available £6.95
FREE EXPRESS DELIVERY on orders over £100.00
 Up to **10% off RRP** on popular brands



B32-755A OO Scale
Class 57 314 Arriva Wales

RRP £184.95

OUR PRICE £165.00



R3527 OO Scale
Class N15 4-6-0 742 Camelot SR

RRP £175.99

OUR PRICE £160.00



GF371-249A N Scale
Class 47 018 BR Railfreight

RRP £154.95

OUR PRICE £135.00

Probably the Best Stocked Shop in the UK:
120 Ranges

20,000 Products in Stock

Over 50,000 Products Listed from around the world



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 Controls Ltd, Ford Road, Arundel, West Sussex, BN18 0BN, United Kingdom
 E&OE tel - 01903 884488 fax - 01903 884377 email - sales@gaugemaster.com

www.gaugemaster.com



WORLD OF RAILWAYS

HELJAN PROJECT PROGRESS REPORT



Heljan's latest update has revealed progress on its projects, and the cancellation of another. The next locomotives from the manufacturer to arrive in shops are expected to be its centre headcode Class 40s and refurbished Class 31s in O gauge. Models are expected to reach UK retailers in August. Five liveries are being offered on the Class 40 and nine across the 31/1 and 31/4 sub-classes for the Brush Type 2.

The Class 31s and Class 40s are due to be followed a few months later by a new batch of O gauge Class 60s in a wide range of colourful liveries, from original Railfreight grey to contemporary DB Cargo, GB Railfreight and DCRail liveries.

Also, now in production, is the second batch of O gauge Class 50s. The first batch of EE Type 4s sold quickly, especially those in the classic BR large logo blue.

A third batch of O gauge Class 37/4s is now in preparation. Featuring a mix of existing liveries and new versions, Batch 3 includes several fully-decorated numbered and named favourites joining the range. All are being produced in limited quantities.

Also, now in transit from the factory, is the latest O09 gauge steam locomotive, Lynton & Barnstaple Railway Baldwin 2-4-2T Lyn.

The first sample of the ubiquitous BR Mk. 1 CCT van in O gauge has arrived for review. As always with a first sample, a number of issues have been identified and are expected to be resolved before the models go into production. However, overall, the model looks very promising and Heljan is looking forward to making rapid progress towards a release in the first half of 2022.

Its range of O gauge Mk. 2 coaches is said to be progressing well, with tooling approved and decoration artwork in progress. Further updates on the models will follow soon. On a less positive note, Heljan has taken the decision

to halt its O gauge GWR '2251'/Collett Goods 0-6-0 project to focus on other products currently in greater demand. It's not a decision lightly taken, but with demand for O gauge diesel and electric era subjects increasing and only a small team working across many new products, it has prioritised the completion and delivery of projects such as the new Class 47, 56, 26/27 and 73, plus other O gauge diesel and electric projects to be revealed soon.

DAPOL REVIEWS DECORATED SAMPLES OF 78XX

Dapol has revealed images of its newly-received decorated 78XX 4-6-0 'Manor' Class locomotives. Models are said to be under inspection, with a feedback report of changes or improvements shortly being sent to its factory, prior to production of the models, later this year.

The manufacturer is seeking constructive comments from its design team to consider during evaluation, though is keen to re-iterate that the decorated samples are subject to review, change and correction where necessary.

A cursory evaluation has highlighted the following improvement opportunities:

- The reversing shaft should be black
- Small amount of sinkage on the tender sides (possibly because tooling wasn't properly warmed up)
- Refinement of the joint between the upper and lower boiler sections
- Sinkage on tender frames to be corrected
- Proportions of the original chimney to be adjusted
- Boiler and smokebox handrail knobs are too long and to be adjusted.
- The Collett tapered buffers for front buffer beam haven't been fitted (Churchward type as fitted to the tender were installed) to be corrected for production.

A functioning decorated sample was sent to Dapol's sound engineer, to fine-tune the sound profile to the acoustics of the model. A short video showcasing the running characteristics of the model is expected from Dapol, shortly. Production is expected to be carried out over the summer, with models expected in shops later this year.



BACHMANN TO PRODUCE MODELS OF CLASS 69

To coincide with the first two locomotives entering traffic, Bachmann has reached an exclusive agreement with GB Railfreight to produce models of the new Class 69 diesel locomotives for O0 and N gauge.

The new Class 69 locomotives are being converted from Class 56s by the American company, Progress Rail at its Stoke-on-Trent facility to meet GBRf's growing motive power requirements. Providing improved emissions and fuel economy plus standardisation among the fleet, the new locomotives incorporate new parts, from EMD engines – the same as fitted to the Class 66 locomotives that have proved so successful for GBRf – along with a new cab interior which is also similar to that of a 66.

The Class 56 bogies, wheelsets and traction motor have been retained, having all been overhauled to a high standard. Ten locomotives have been ordered with the option for six more and the first two, 69001 and 69002 have now entered traffic. 69002 carries GBRf's take on the classic BR blue large logo livery, while 69001 *Mayflower* has been decorated in a special livery, with American and British flags signifying the American input into the rebuilding of this British-designed locomotive.

Models of the Class 69 will appear in both the Bachmann Branchline and Graham Farish ranges in due course and further updates will be provided as the models develop.

PHOTO: BOB TILLER



CAVALEX MODELS TO PRODUCE CLASS 56 FOR 'OO'



Cavalex Models has shared CAD images of its next production model, depicting the Class 56 locomotives. Described as in a "significantly advanced stage and in tooling", the development of locomotives is said to have been underway for a few years.

All variants of the 56 are promised, to accurately cover all 135 locomotives produced between 1976 and 1984. The Cavalex 56 has been designed from scratch, based on original works drawings from Electroputere and BREL.

The initial production run promises locomotives in the following guises, artwork for which can be found on the manufacturer's website:

- 56008 - BR Blue - (CM - 56008 - BRB)
- 56018 - EWS - (CM - 56018 - EWS)
- 56019 - Red Stripe Railfreight - (CM - 56019 - RSR)
- 56023 - Coal Sector - (CM - 56023 - TGCS)
- 56046 - Construction Sector - (CM - 56046 - TGC)
- 56055 - Loadhaul - (CM - 56055 - LH)
- 56070 - BR Blue - (CM - 56070 - BRB)
- 56074 - Coal Sector - *Kellingley Colliery* - (CM - 56074 - TGCS)
- 56077 - Original Railfreight - (CM - 56077 - OR)
- 56093 - Large Logo - *Tinsley Celebrity* - (CM - 56093 - LL)
- 56097 - Metals sector - (CM - 56097 - TGM)
- 56120 - Large Logo - (CM - 56120 - LL)

IRISH RAILWAY MODELS REVEALS FURTHER 'TARA MINES' WAGONS



Irish Railway Models has revealed a new batch of its Tara Mines wagons, in the iconic livery of blue with Tara branding. Built by CIÉ in 1977 for Tara Mines Ltd to convey zinc and lead ore from its mine near Navan, Co. Meath to Dublin Port for export, the wagons are still in operation and represent the heaviest freight trains operated on a daily basis in Ireland.

As well as blue liveried 'Taras', IRM is also offering packs of the later red oxide livery with new numbers and later style hood to help modellers bolster their previous rake, or build a new one for their IR A Classes or 071 locomotives in IR, IE orange and black, black and silver and current grey livery.

Five different twin packs of the blue-liveried wagons, each with a unique running number, will allow modellers the chance to build up an authentic rake of 10 wagons behind an IRM A Class. The manufacturer is also offering three packs of the wagons in red oxide livery. All packs are being made in limited numbers, with rake deals being offered, too.

Tweaks to some of the printing, including the 'Tara' branding, is said to be underway and once complete, manufacturing will get underway, with a Q4, 2021 delivery date envisaged. UK-based customers can pre-order by visiting IRM's bespoke UK website.

SIERRA LEONE RAILWAY HUNSLET KIT TO BE RE-RELEASED



Having taken over the masters for the original Vulcan kit designed by Eric Underhill, Neil Sayer has updated the model, for it to be made available soon from Light Railway Stores. Built by the Hunslet Engine Company in 1954, this was the last of a line of similar locomotives supplied to the Sierra Leone Railway, where it worked in and around Freetown.

The locomotive was nearly scrapped in 1975 after the railway closed, but was saved from the torch and repatriated from West Africa to the Welshpool & Llanfair Railway, where it ran successfully for many years. It currently awaits repair.

This 7mm:1ft scale kit is a mix of etched parts, lost wax brass and whitemetal castings. As part of the process of re-introducing it, Neil has upgraded the flycranks to lost-wax castings for greater durability and ease of construction.

ACCURASCALE REVEALS NEW HOPPER FLEET FOR 'OO'



Accurascale has unveiled a number of new model wagon toolings for OO gauge, deliveries of which will commence later this year. Its next extensive wagon project promises the MGR coal hopper wagon family of HAA, HBA, HCA, HDA, HFA, HMA and HNA, as well as the CDA china clay hoppers and MHA ballast/spoil wagons for 4mm:1ft scale/00.

With such a vast array of detail variations to incorporate into the tooling suite, the Accurascale research team is said to have undertaken extensive surveying of a number of variants when embarking on the complex project. Since Accurascale debuted in 2018, the HAA and its constituents is said to have been the most requested wagon through customer surveys, emails and forum/social media posts. An essential component for its 'Powering Britain' range of coal wagons, work began on the project in early 2019.

It soon became clear that this family of wagons would be a colossal undertaking with various detail differences to be catered for. The project has been progressing in the background over the past 18 months, with tooling commencing last summer. The project has now arrived at the decorated sample stage and these are being assessed ahead of production.

23 different three-packs will form the first production run, split into two batches. Batch one will consist of the HAA, HCA and CDA which are due in Q4, 2021, and batch two will be formed with the MHA, HDA, HMA and HBA which will follow in Q2 2022.

CLAYTON EQUIPMENT LTD CELEBRATES 90TH ANNIVERSARY



In a year of unprecedented global challenges, 2021 is a year of celebration for Clayton Equipment Ltd as it marks 90 years since Stanley Reid Devlin established the company in 1931.

Clayton has gone from humble beginnings to a global reputation in providing a contribution to the worldwide locomotive industry. At a team meeting held on May 29th to mark the 90th Anniversary, Clive Hannaford, Managing Director and Steve Gretton, Chairman cut a celebratory cake and presented staff with a 90th Anniversary gift.

The cake in the shape of the latest Clayton CBD90 Hybrid locomotive was shared among 40 staff members who all received a slice of cutting-edge design!

During recent times, Clayton-built products have played key roles in major infrastructure projects. In 2018 the firm completed work on a construction train, which at 500m length is the world's longest. In the same year, seven 40T locomotives, which were the first in the world to be Stage IV emissions compliant, were produced for work on the Crossrail project.

In 2019, Tata Steel UK placed an initial order for three 90T CBD90 Hybrid Bo-Bo locomotives, capable of moving 2,500T at its Port Talbot works in Wales. The locomotives were the largest to build in the UK for more than 20 years. Subsequently, Tata confirmed the purchase of a further four locomotives.

After 90 years of innovation there continues to be plenty of expressions of interest in Clayton's products. Clive Hannaford said, "It is a privilege to lead Clayton Equipment, it is a proud company that has never forgotten its roots nor its traditional values of providing the highest quality service by innovative thinking, excellence of execution and solid, yet flexible, partnerships with our impressive list of clients".

WORLD OF RAILWAYS



DIGITAL EDITION EXCLUSIVE

**Accurascale new product announcement
10 June 2021**

Accurascale unveils a number of new model wagon toolings for OO gauge, deliveries of which will commence later this year.

WATCH THE VIDEOS HERE

(You must have a wifi connection to stream video content)



PLAY

MIDDLETON DALE

David Wright employed his refined professional model-making techniques to his latest model railway, inspired by the landscape of his home county.

Words: David Wright **Photography:** Andy York



Factfile

Layout name: Middleton Dale
Scale/gauge: 1:76 scale / 16.5mm gauge / OO
Size: 16ft x 8ft
Era/region: 1930s LMS
Location: Fictitious, somewhere in Derbyshire
Layout type: Continuous loop

00 gauge



Middleton Dale captures the scenic splendour of the White Peak, from hazy blue tree-topped hills, limestone outcrops and buildings and structures of local stone mixed with riverside rural industry.

The layout was originally planned back in 2015, when I finally made the decision to scrap the layout ‘Tawcombe’, which was featured in BRM February 2013. This previous layout was housed in the loft, which, at the time, seemed like a good idea. It provided me with plenty of space for a double-tracked continuous run layout. Experience, however, would prove otherwise. Lofts or attics can be very cold during the winter, and worse still can be far too hot during the summer months. Other problems occurred with insect life and birds somehow finding their way into the loft, the latter causing significant damage to the layout.

However, the main reason for de-commissioning ‘Tawcombe’ was my inability to keep climbing up a loft ladder and having to duck under offending roof trusses – not a good idea at my age!

A new home

I had already considered the garage as a home for a new venture, after all, it measured 17ft by 8ft. It also had the added advantage of being integral to the house and I was able to stand up in it without stooping all the time! There would be a few disadvantages with the garage, however; mainly keeping the dust under control, and for me, fitting the layout in around the car. My wife insisted that the car would have to go in, and any married reader will know you have to keep the ‘other half’ happy as well.

I decided to stay close to home and build a model based in my home County of Derby, and the Peak line would be the obvious choice. Sticking to my roots, it should be The Midland Railway under the ownership of the London Midland and Scottish in the mid-1930s. This would give me more scope for motive power and liveries, but also original Midland features would be included.

I am always worried about trying to model a prototype exactly – most of us have limitations with space, so it’s inevitable we have to make compromises. Although the layout would be fictitious, I still wanted to give a good impression of the railway and its surroundings, hopefully capturing in miniature the realistic flavour of this scenic line through the Peak.

To make a layout not only believable but practical for me to build, run and maintain presently and in the future, it needed to be set with the track bed at least four feet off the ground level. Another important consideration to plan in was to make all the features on the layout within easy reach. This



David Wright is well-known around the exhibition circuit for his exquisite stone buildings, an impressive example of which is the mill building, typical of so many around the Derwent and Ecclesbourne valleys, captured through the arch of the viaduct.





Rural industry blends with natural scenes around the Peak District, with substantial lime kilns just behind the railway stretching into the distant, with derelict workings and a distant winding house on the backscene.

was important for maintaining track.

Planning started by producing a few flatplans. All would feature a double-track main line with no pointwork connected with it in the visual part of the layout.

With the restrictions already mentioned, the sides of the layout couldn't exceed 14in in width and would be fixed like a shelf direct to the internal wall of the garage. The space at the rear gave more scope to fit more of the model. The final plan would consist of the railway running from a tunnel along a ledge on the narrow side. This would continue with the railway curving sharply round and elevated on a high embankment to cross a deep river valley. The track would continue to curve to meet up with the non-visual side of the layout. The centre piece would see a viaduct carry the railway over the valley.

Construction begins

Before track was laid or any of the rear

scenery attempted, the backdrop would need to be painted and fixed directly to the garage wall. This was because it would be very difficult to produce afterwards. The backdrop would need to be deep enough to give the visual depth I was looking for. I, therefore, decided to use the rough side of the 4ft x 2ft hardboard sheets, which was first painted with white primer. Once fixed to the walls, the landscape scenes were painted starting with the sky, which would take up nearly two thirds of the board's depth. I used my preferred and reasonably simple method of creating a sky using acrylic car sprays.

I always start with the shades of grey or mauve to recreate the underside of the clouds. Next, the sky-blue open areas were added, matching with light blue colours I found on the shelves at Halfords. The final stage was to add the build-up of the clouds. This was achieved by spraying white primer in short bursts, which gave the effect I was

looking for.

With the sky finished, the land was attempted by adding the skyline, which in this case would consist of the distant hills. This was painted with a brush by mixing purple, blue, dark grey and white. Mixed together, a colour was archived to replicate the almost monochrome shades of the distant hills. The surface texture of the hardboard would give a broken and less defined line to the horizon, all adding to the distant appearance.

The mid-ground and foreground were painted in using the same colour, although this was made darker as we come to the front by adding more grey to the mix. Once this had been blocked in, I went back to the horizon to paint in distant trees. By using a stippled action with a small filbert brush and using the lighter shade of the mixed colour, a good impression can be achieved. Any trees could now be added along with wooded

areas to the mid-ground.

I then used the same type of brush and action to add the foliage to these trees. A mix of oil paint this time was used with Sap Green and Yellow Ochre being the prominent colours, with Titanium White used to create highlights. If this is applied to one side – where light would catch them – a three-dimensional effect can be achieved.

Buildings were painted using a flat, angled-edged brush, which is very good for this purpose. The technique is again to first paint in the building with a dark shade of grey. Try and paint them in with one end wall visible; this will give the building a three-dimensional appearance once the highlights have been painted.

The best advice I give to any modeller trying to paint a convincing backdrop is to always keep colours subtle. Don't be tempted to create too much detail. Remember, you are trying to create an illusion of the three-dimensional model carrying on into the two dimensions of the backdrop. Make sure the colours used don't overpower the model positioned directly in front of it.

Setting the scene

By choosing track work from SMP and C&L, a good impression of the period was achieved. Before any track was laid, a base of cork was glued down first. The track was then cut to length and lightly pinned down after drilling through sleepers, first. Once I was satisfied with the alignment and any electrical connections made, the next stage was to commence with the ballasting and painting of the rail faces and chairs.

The tunnel end was made up using foam board formers, shaped to follow the contours of the hillside over the tunnel and sides of the cutting. Most of the latter was cut vertically or at a very steep angle to allow for layers of polystyrene packaging to be stacked and glued down in front to construct the base for the rock cutting.

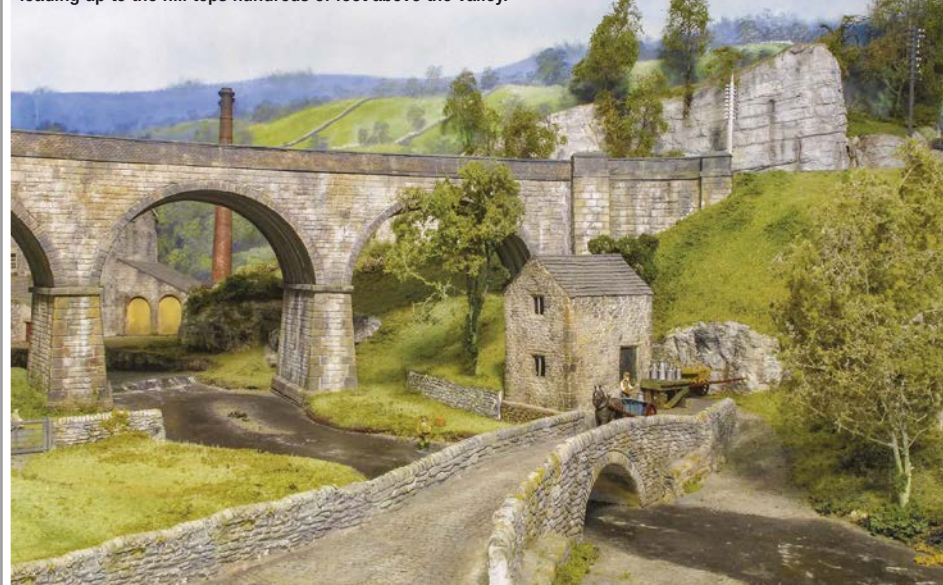
The polystyrene was then faced with 'Polyfilla' plaster, smeared on and sculpted using a palette knife. When dry, I used a knife to carve and scratch into the plaster to recreate the surface texture and cracks in the limestone. The land above the rock cutting was formed from strips of plaster bandage supported on a plastic mesh designed for clipping over guttering to stop the leaves from clogging them up. This gave a solid landform ready for painting and adding the scenic material to recreate the grass and other vegetation.



With no station or goods yard featured on this layout, the main building would be the signal box. This was scratch-built to a later Midland pattern and consisted of a high operating room above a narrower locking room below. This was due to the site of the box being tight for space. I used sheets of Evergreen embossed styrene for both the horizontal and vertical planking sections, with styrene strip used for the framework. The windows and door were from Ratio. However, I cut them to make the later period 3B Style, with a single pane in the lower part. The familiar hipped roof was formed from card, covered with York Model Making; laser-cut adhesive-backed slates. The white metal roof finials came from Modelux and the staircase was from Plastruct. All the handrails were made, again using Evergreen styrene strip. I modelled the interior, making up a lever frame adapted from Ratio metal fencing.

The signal box was brush-painted using the new matt acrylic paints from Omen Miniatures, matching the colour scheme of the London Midland & Scottish 1930s period.

From front to back, this scene is no more than three feet combining intersecting angles to the shallow river, with the bridge and river crossing leading up to the hill tops hundreds of feet above the valley.



Moving on to the approach to the river valley, the embankments were constructed in the same way. I then used a variation of static grass, foam flock, carpet underlay felt, together with an old spray booth filter. All these materials were used to top the plaster bandage. The filter material, when teased away from its backing and glued down in the form of clumps, gave a good replication of the rough type of scrubland seen on the side of a railway.

The next task was to form the river course, which turned at almost a right angle to continue under the viaduct to the front of the low fixed baseboard. The river banks were built up using the old type of insulation board. When broken on the facing edge, it gives a good impression of the land worn away by the river. This was glued down after gluing the river bed first, which included the forming of the weir and the two low waterfalls. To form the river bed, I used fine sand and grit. This was glued to the surface. I purposely put down more grit to form the odd island and more to create small beaches at the sides.

Next, the river bed had to be painted to replicate the depth, before layers of gloss picture varnish were brushed on, giving a clear surface to the river. Where the water was disturbed by falling over the weir, and around the pebble island, white water would be produced. To replicate this on the model, I used white oil paint. If this is applied just before the last coat of varnish has dried, it should react and feather out giving a very good impression of this action.

The sides of the river above the weir include a limestone crag, formed from natural cork bark and plaster. The top was planted out using sea moss, lichens and flock to form the clinging vegetation, blending it with the painted backscene.

Buildings

The non-railway buildings on the model fall into two categories. These consisted of the early period built from local stone, and the more brutal prefabricated steel-framed industrial buildings around the quarry.

The row of lead miners' cottages were made up from card and foam board for the shell, before being covered with a skin of Das and, when dry, the rubble stone was all scribed out. The roof of the cottages was constructed using thin card for the sub-base and for all the tiles, which were individually cut and glued on. This was a well-drawn-out task, but worth the effort creating a very

The backscene for 'Middleton Dale' complements the gently curving stone viaduct as the line bridges the idyllic valley, before passing more brutal industrial architecture.





The viaduct



The centre piece of 'Middleton Dale' is the viaduct, taking the railway high above the river valley. Inspiration for this came from a visit to Monsal Dale, and standing looking up at the impressive five-arched Monsal Head Viaduct. For the layout, I wanted to base a model on this structure. However, to fill the gap, a shorter span of three arches would be required. Monsal Head is on a gentle curve where the track emerges from Headstones Tunnel. On my layout, the viaduct would be positioned on a much steeper curve, of course.

I started by plotting the curve and transferred the information to cardboard templates. By using this technique, I could place the temporary card structures into position to make sure everything fitted correctly. Once I was satisfied or any amendments had been made, I could move on to model the structure. I had already come to the conclusion that the best way to build it would be by dividing it into two parts. This would see the top section complete with the arches and deck made up first. The centre piers and end abutments were made afterwards and married up with the upper part later. The piers were made to a wedge-shaped profile with a wider wall at the rear. This would be necessary to keep the arches running parallel from front to back, keeping everything looking correct.

For this structure, I used 5mm foam board with 1.5mm mount board for the main materials. Balsa wood was also employed in various places, together with a thinner card for the inside of the arches. Once all the shell had been completed, every part was covered with a skin of Das modelling clay. The structure was left overnight for the clay to dry before all the scribing of the stonework was started. The thin card, which was used to form the inside of the arches, was coated with a brushed-on mix of PVA and Unibond No More Cracks – this plaster mix dries like concrete!

It was easier to paint the parts of the viaduct before it was fixed into the final position. The first stage was to add washes of the oil paint, before going over, and dry-brushing the final tones to achieve the correct colouration of the stonework. I also decided to add some of the weathering, especially on the underside of the arches, as this would be difficult to achieve once the viaduct was fixed into position. The weathering here consisted of the white streaking marks seen where lime had bled from the masonry.

With the painting and most of the weathering completed, the piers and abutment walls were married up with the main section and glued together. A little extra Das was used on all the joints to fill any gaps and painted to match up with the rest of the masonry. This only left the abutments to be finished and the parapet and pilasters to be constructed. The parapet wall was made from thicker card and was faced on both sides with embossed brick styrene sheet. The copings were made up by cutting a strip of mounting board into lengths of around 12mm. All were painted and weathered when fixed into position along with the pilasters.

realistic finish to the cottages of this age.

All the doors, windows and roofline details were made from Evergreen styrene strip and sheet. The chimney stacks were finished with white metal chimney pots from the 'Shire Scenes' range.

To finish, the cottages were painted and finished in the same way keeping the colouration subtle. Mount card was used for a base, consisting of the surrounding hard landscaping. This was given a thin skin of Das modelling clay, which was scribed with regular and irregular cobbles. Fronting the cottages, a number of flagstones and kerb stones were required. To finish this area, I provided a roadway, made by smearing some clay directly onto the baseboard. When dry, this was scribed and textured to create an uneven surface. When painted, a good replication was made and I even included a few puddles. A little Das was used to fit the cottages into the footprint. By using a dentist's probe, any gaps were filled to create a seamless joint.

The farmhouse and attached barn were built up in the same way as the cottages, although etched brass window frames were used this time.

The group of mill buildings occupying the far-left hand corner of the layout was also built from card with a covering of clay. The tall, later mill was rescued from 'Tawcome', although I made some changes, including the addition of a boiler house with a tall chimney. The round brick stack was the resin example produced by Skytrex, for which I produced the master a few years ago.

One important focal feature on this layout are the lime kilns. These were constructed from a heavy-duty card called Corri-Cor. All the shell was constructed of this material except for the two shafts where toilet roll card centres were utilised. All the construction was covered with the usual skin of modelling clay and the stonework scribed when dry. This was painted in the usual way, although extra weathering was applied by spraying on white primer to replicate the build-up of lime dust.

Close to the lime kilns are the ruins of the engine house and associated structures of the old lead mine. Foam board was used here, which was hacked away with a scalpel on the edge to give the broken appearance of a ruin. Directly in front of the engine house are the remains of the mine's headstock. I used various timbers, including balsa wood and even spent rocket sticks. When painted, a little clinging ivy was added to the structure, the result looked very convincing.



Creating cliffs

The land form, which lay behind the viaduct, consisted of a steep side to the valley, topped with high cliffs and tors of limestone, with inspiration coming from those found at Chee Dale and Matlock Bath. I started constructing this major feature from blocks of polystyrene originally used for packaging. These were glued together and fitted onto a cardboard base. This was then carved up with a bread knife and roughly sculpted to form the slope and lower cliffs on the facing edge. However, the higher cliff face of the tor was formed by first making a wire mesh framework. The wire was bent to shape and fixed to the rear of the polystyrene.

The next stage was to cover this framework with plaster bandage. When this was dry, more plaster was applied to build up the rock face. This time, however, Artex ceiling plaster was applied with a knife reasonably thickly, sculpting the rock face following photographic reference. When the plaster was dry, I attempted more sculpting and carving into the material to create the fissures seen on the prototypes. The Artex is much tougher to carve into, but the finishes you can create by using this material can be very rewarding.

The polystyrene was plaster-faced on the lower cliffs, this time using the filler plaster, which was applied using a knife for the cliffs and a brush for the slope. The valley side was then painted and finished, with the shortest nylon grass fibres applied using the Grass Tech applicator. Other rough vegetation was added to the slopes, again using a mixture of flock and dried lichens. Another addition to this sloping ground was the rock scree, which had fallen away from the tors above. This was simply replicated using both varying grades of grit, together with grey cat litter for the larger rocks.

The upper cliff faces of the tors were painted by building up the shades, first by using washes of oil paint and then picking out the highlights seen for this type of rock. Photographic reference was followed again to try and replicate the colours as accurately as possible. To finish, I added vegetation clinging to any crevice that would support life. Mixtures of scenic materials were used including some small trees made from the sea moss and lichens to create the bushes. For the ivy, I used one from the Mininatur range.

A local train is formed from a Johnson 1P and autocochs heading along the substantial embankment that leads to the viaduct.



In complete contrast to these rural and rustic buildings and structures, the buildings associated with the quarry are basic and bland. I used card for the shells again and most were covered with corrugated styrene sheet. This was purposely cut to make individual sheets roughly measuring 40mm by 20mm. Each sheet was then glued to the shell with the bottom edge overlapping the one below it. I purposely staged the overlap, which looked more authentic for this type of industrial building. Some of the structures consisted of an exposed steel girder framework with in-filled panels of reinforced concrete. I found some 'I' beam girders in the Plastruct range that were ideal. Das was used again for the concrete panels, applied carefully, especially up to the edge of the steel framework. I even carried out a little distressing on some of the panels, which all added to their brutal character.

All the quarry buildings including the loading screens require steel-framed windows. I found some perfect samples at an

A Midland 4F heads a mixed goods over the valley; foreground scatter materials blend nicely with the painted tones on the backscene.



exhibition a few years ago that were etched from brass sheet. Frosted glass was required for the glazing, which was replicated by spray-mounting tracing film onto the back of clear celluloid. The graded limestone loading screens were made from card, covered with sheets of corrugated styrene. This structure, however, was raised on steel girders from ground level, and positioned near to the front, providing a perfect visual mask for the trains to disappear behind.

All the buildings on the model consisting of the corrugated cladding were painted with spray paints, by using either matt tank grey or red oxide, and then weathered with white primer again to replicate the build-up of lime dust. The reinforced concrete panels were painted in light washes of oil paint letting it soak into the clay. I purposely picked out some rusting where the steel re-enforcements had become exposed to the weather.

Final touches

There were a few signals required for

Rolling Stock

Locomotives and rolling stock are mainly ready-to-run from Bachmann. I did, however, add a few extra details like screw-couplings and headlamps to the front, coaling the tender and bunkers with real coal and fitting the fire irons. I also fitted the footplate crews, which came from Dart Castings and the 3D-printed samples from Model U. The fire irons, however, were scratch-built using wire and styrene strip. I have also detailed some of the coaches and freight stock, especially on the last vehicle on the train, by adding a screw-coupling, vacuum pipes and not forgetting the red tail lamps.



Correct pattern signals and telegraph poles help to create points of interest within the railway as it progresses through the scenery, as the ever-present 4Fs on the line dominate local goods traffic.



this layout and all were built up using components from the Model Signal Engineering range, all of Midland Railway origin. Some of the parts such as the staging were made up using cut-down 'Ratio' vertical pale fencing.

Besides the signals, I decided to make up the telegraph poles to a familiar Midland style, these being mainly the twin post type. The best way I thought was to first make a jig to hold the poles in position while the cross members were fixed on. For the poles, I selected some kebab skewers that I had saved. For the cross members, I used Evergreen 1mm x 0.75mm styrene strip. These were glued to notches that I had pre-sawn into the facing side of the skewers. The strips were fixed slightly over length and were finally cut to length once they had all been fitted. The next task was to superglue on all the insulators, which I cut from Evergreen 0.75mm styrene rod.

When released from the jig, they were all painted matt dark grey and the insulators picked out in white. I went over them later to weather them down a little to a lighter grey to replicate the silvering and bleaching seen on prototypes. I also made up a few terminal poles, including the trunking for the wires. This was extended to provide the trunking to take the wires over the viaduct and again through the tunnel. I also included some scratch-built battery and junction boxes to complete the railways' line side infrastructure.

Moving away from the lineside, and to bring the model to life, a number of rural cameo scenes would be introduced to include figures, animals and birds. The prominent feature is possibly the allotment gardens sitting on land beyond the cottages. This scene depicts a pigsty and pen, complete with two pigs. Another scene sees a young boy feeding the geese inside their pen. Other features are the vegetable patches, a shed, the garden privy and the compost heap.

All the ramshackle structures were constructed from a mixture of card, balsa wood and embossed styrene sheet, although, car filler mesh was used for the pen containing the geese. Some of the items mentioned were rescued from the old layout 'Tawcombe'. The vegetables were mainly fabricated using natural lichens, which were sprayed to preserve them. For the cabbages, however, I had a go at making them from 'Fimo' modelling clay, which proved to be quite successful.

The garden scene also includes a farm girl complete with a head scarf, carrying a



Even within a simple row of buildings there's a natural lack of uniformity to the sizes and features, which breaks up the joint between layout and backscene.



This angle shows that it's possible to create an impressive scene within an average-sized garage and still allow space to fit the car in when necessary.

bucket of scraps to feed the pigs. There are a few wheelbarrows, buckets and garden tools scattered around. The area at the bottom next to the bins or compost corner has been left as a dumping ground. Here, the ashes

from a bonfire can be seen along with a few discarded items slowly decaying and disappearing into the nettle bed.

Another little rural cameo scene is depicted near to the viaduct where a

shepherd is herding his flock towards the lush grazing alongside the river. On the other side of the river, a fly fisherman is trying his luck for brown trout. Moving along the river bank to the stone bridge, another farmer is captured on his tip cart. He has just collected a milk churn from the nearby collecting stage.

The model features a few other horse-drawn vehicles with carts, wagons and a delivery dray included, all combine to make a believable rural environment typical of the pre-War period. The figures, animals,

birds and the vehicles came mainly from the Shire Scenes and Langley range, although the sheep, lambs and the pigs are all from the Peco Model Scene range.

All the items were painted using a combination of acrylic and oil paint. The figures, however, were painted using super matt acrylic paints from Omen Miniatures, which I found excellent.

Conclusion

I enjoyed building this layout in these uncertain times. One which, hopefully,

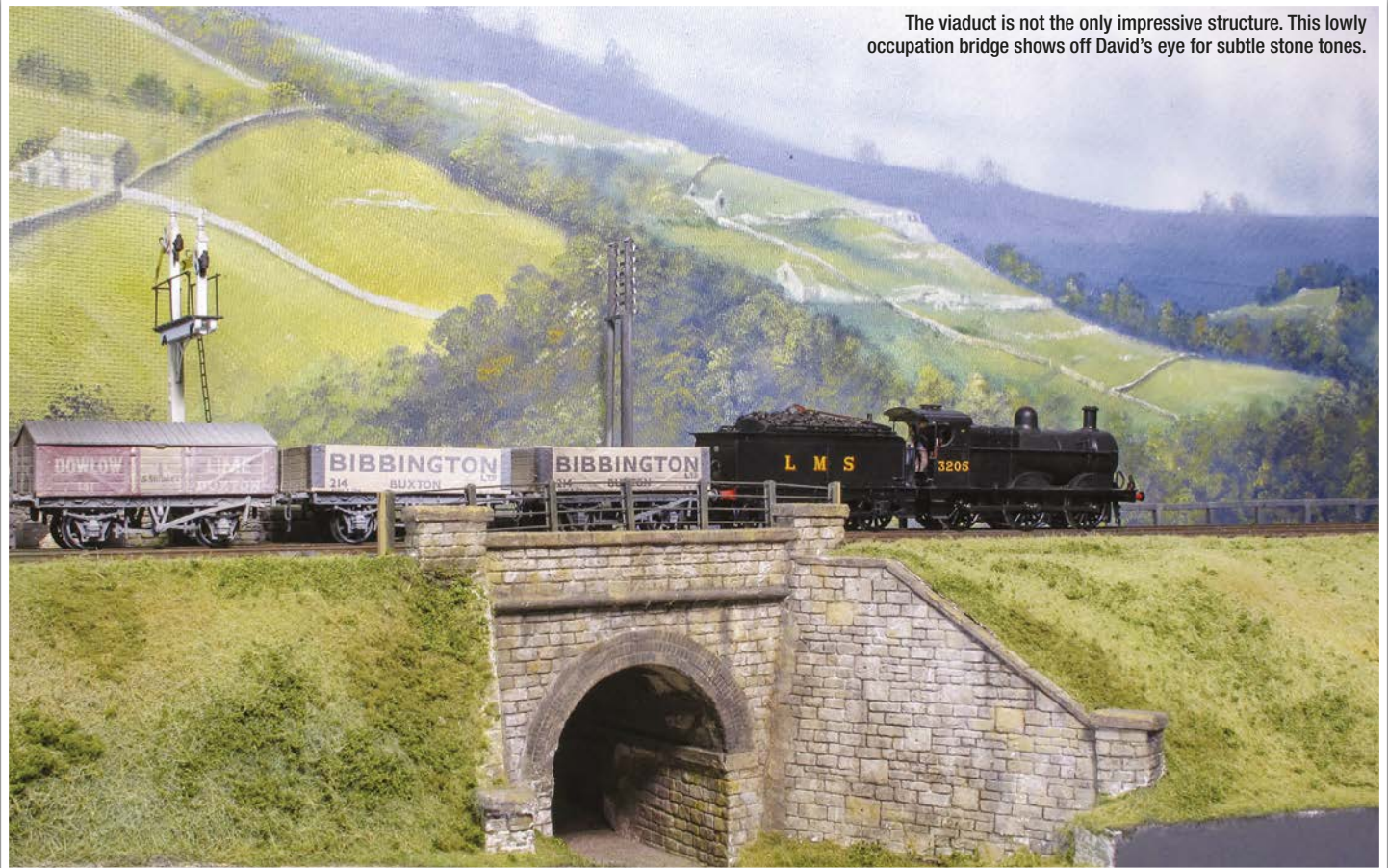
captures a moment in time and life as it was in the 1930s.

There is still a little extra detailing work to be done, such as adding signal wire pulleys and a certain amount of point rodding.

I also intend to work on the freight stock by providing loads for the wagons, and, of course, all these will require various amounts of convincing weathering.

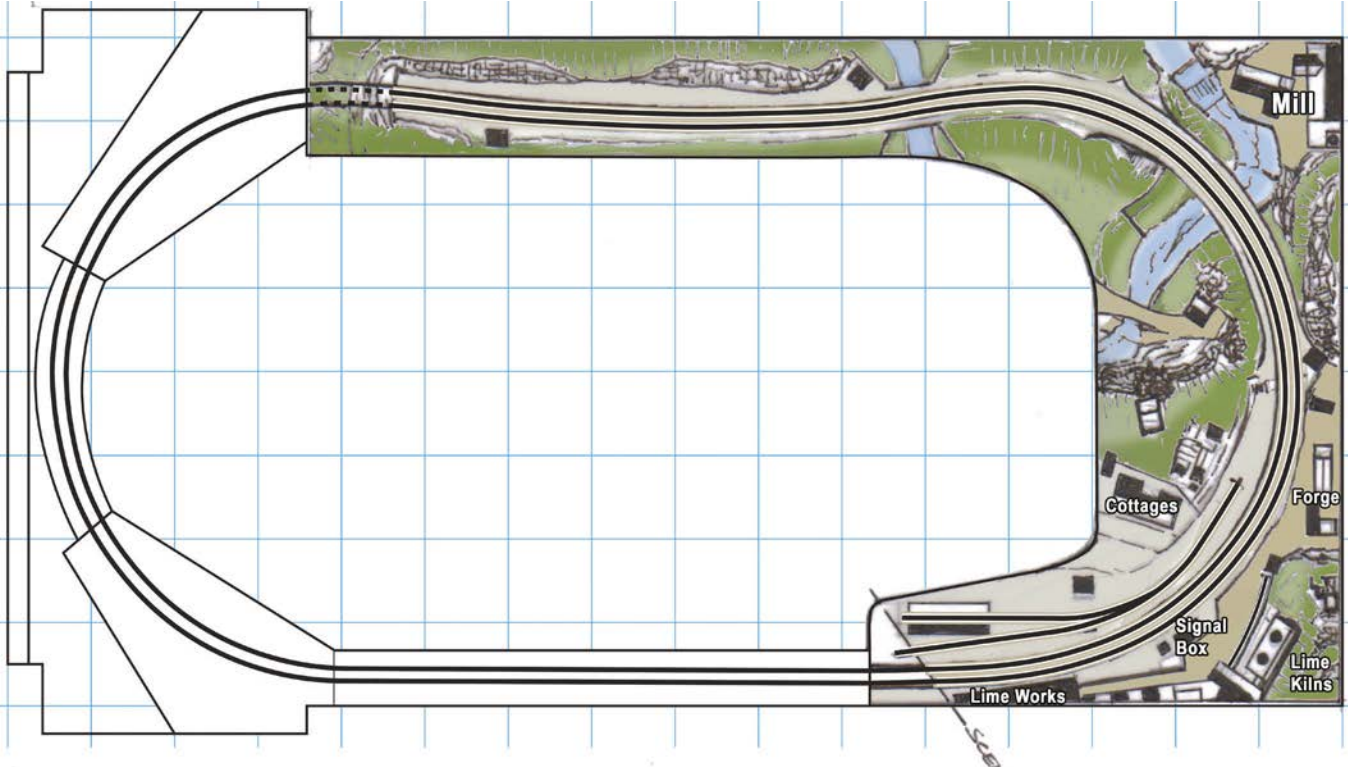
The White Peak treated the once busy London to Manchester Midland main line passenger to spectacular views of valleys and hills. The passengers behind this Fowler-tendered Bachmann 'Jubilee' are no doubt enjoying their journey.





Trackplan

MIDDLETON DALE





**DIGITAL EDITION
EXCLUSIVE**

**CLICK AND SWIPE IMAGES
TO SEE MORE**



CREATING FENCES

Words & photography: Michael Russell

Michael Russell offers a guide to representing man-made boundaries on our models, with options for kit builders and the more adventurous, too.



In the US you are likely, if you live near a railway crossing, to be woken up at night by a train sounding its horn. The reason for this is that the railway is, in the main, unfenced and so the train must sound a warning. Contrast this with the UK, where lines are fenced in. This even extends to gardens. In the US, many suburban areas are open plan with just grass between houses, but in Britain, we usually clearly mark the boundaries in some way. It means we have an awful lot of fencing in the country.

When modelling fences there are many factors to consider. First is the era you are modelling. New fencing types have appeared over the years and modern materials

employed. Rural fencing is often different from urban fencing, and since we are primarily interested in modelling the railway scene, we must consider if the fence is a railway fence.

Returning to the earlier eras, the independent railway companies had their own, often unique, corporate image and products. The GWR, for instance, had its own fencing type.

To recapitulate, there is an amazing variety of fencing types and we need to give it careful consideration before we install it on our layouts. It is very easy to commit a *faux pas* when modelling railways, and fencing is no exception!

SHOPPING LIST

Scale Model Scenery (LX379-00) Concrete Barrier Rail Fencing, (LX055-00) 2m Palisade Security Fencing, (AX099-00) Orange Barrier fencing and (LX293-00) LMS/Midland Railway Platform Fencing

W: www.scalemodelscenery.co.uk

Peco (LK-85) Flexible Field Fencing

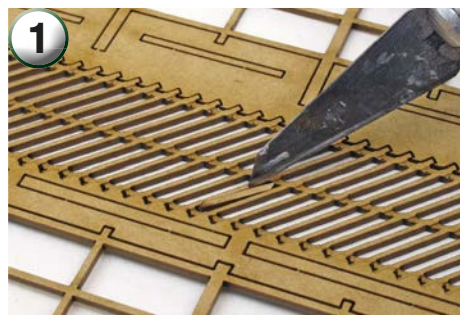
W: www.gaugemasterretail.com

Berkshire Junction EZ Line

W: www.modelscenerysupplies.co.uk



Railway Fences



Although laser-cut kits are very accurate, occasionally, you will find an errant piece of material. It is always worth giving a sprue a look over and sorting any issues out before you commence assembly and painting.



This Midland Railway fence has been stained with a water/Indian ink mixture in the ratio 80/20. To minimise warping, paint both sides together and leave it on the sprue. When wet, the fence is delicate, so handle as little as possible and leave to dry.



Assemble the fence using the kit instructions and touch up any unstained edges with the ink mixture. Staining the fence in this way mirrors the method used on the prototype and gives a very realistic finish that isn't too perfect.

Modern Fencing



I painted the security fencing while it was still on the sprue. This is to prevent the pieces warping when the water in the acrylic paint is soaked up. To represent the zinc-plated metal of the original, a light grey paint works well.



Once the fence is built, cover edges missed in the initial painting. If you spray-paint your fence, you may be able to add the paint after assembly, but always paint a fence before putting it into its final position on the diorama/layout for ease.



For fences with concrete posts, first apply a base coat of light grey. When dry, bend the pieces on the sprue to maximise the distance between them without breaking them off. This is to allow you to spray from all four directions and achieve an even coverage of paint.

MODEL FENCING MATERIAL

Model fencing can be built from a number of materials, each with its own advantages and disadvantages. My preference is for the use of natural materials such as wood, cardboard and fibre board rather than plastic. If you use the last-mentioned, see if you can reuse it from project to project to avoid waste.

Wood/cardboard/fibre board

These materials are a natural choice for depicting a wooden fence as they have realistic surface appearances. They are simple to work with and are quite strong. I would recommend painting this type of fence on the sprue before assembly as the water in the paint or dye can make it expand. The sprue will help prevent distortion during this process.

Plastic

This material usually requires little assembly and limited preparation for use. Fences made from polystyrene plastic are easily damaged when fitted. For example, line side fences are in danger when cleaning the track. PVC fencing is a stronger plastic alternative, but the paint can flake off if it is distorted.

Wire

Wire fencing can be depicted in model form using fine gauge wire. A good alternative is EZ Line, a thin elastic chord, which has excellent stretch properties and will spring back into place without damage. However, be aware that this will deteriorate in sunlight and can become brittle with age. Also, if you have a visit from a rodent or errant bird, it can very quickly devastate such material. Be aware of this if your layout is in a location where it might be expected to receive a visitation at some point.

Etched brass

A very good material for intricate gates and fences found around formal gardens and stately homes. This material tends to be relatively expensive, but the results are strong, simple to deploy and the detail is unmatched. Prime and paint on the fret and touch up after removal before fitting into position.



Now flick a shade of dark grey acrylic using an old toothbrush to give a marbled finish. When dry, repeat this step in turn with a light brown, dark brown and an off-white. If you overdo the effect, flick more light grey to restore the balance.

Temporary Fencing



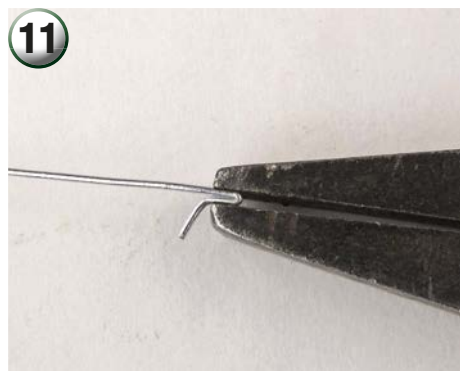
Some fencing is transitory – in place as a temporary barrier while work is carried out. A common contemporary example is the orange barrier fence, used wherever a visible warning of a hazard needs to be given to the public.



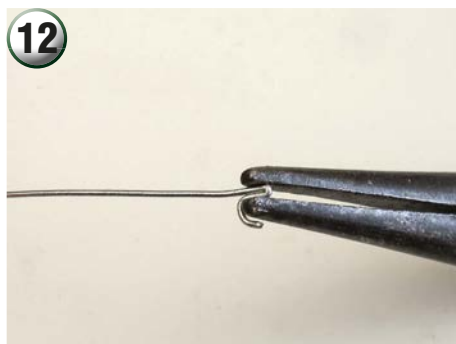
Start by marking the top 5mm of the posts with a permanent marker pen and a rule. The metal rod/wire for the posts is included with the kit. You may like to weather it and tone it down first as it is rather bright.



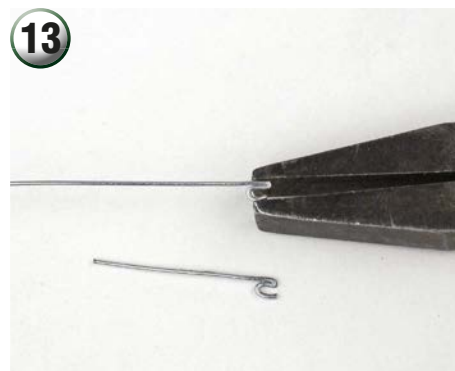
Using pliers, bend the top 5mm over at a right angle, then bend the top further and then flatten it so it's parallel to the longer piece. This is easier to do if you hold the wire flat to a surface while completing the final bend.



Using pliers to hold the top 2mm, use a second pair of pliers to pull the folded piece away from the main stem.



Use a pair of long-nosed pliers to grip the post at the end and bend the wire around the profile of the jaws to get the rounded shape required. These operations are easy because the wire supplied with the kit is quite soft.



Use a pair of plain square-ended pliers to squeeze the rounded profile into a tighter curve. Be gentle here to avoid crushing the curve completely.



Finally, mark 20mm along the top of the main stem with a permanent marker pen and cut off with wire cutters ready for deployment. Use a file to smooth off the sharp ends of the wire where it has been cut.



This is one fence where a cockeyed and lopsided appearance is the norm. Put the posts in an upright position, then bend once the barrier material is in place to get a prototypically-distressed appearance.

TOP TIP

ADDING FENCING TO SLOPES

When fences traverse gradients, the fence posts need to remain vertical while the cross post material needs to be parallel with the ground. Many model fencing kits can't accommodate this.

The answer is to build your own fence or use a product designed to counter this problem, such as Peco Flexible Field Fencing. Not only is the fence flexible enough to go 'up hill and down dale', it also accepts paint readily.



Make a rural fence



Use a knife to start a split in some thin wood such as a lolly stick or chip fork along the grain. Then, use pliers to continue the split in a random fashion along the length of the stick. Continue doing this until you have many small pieces.

Weathering



Like all things close to the ground, fencing will be affected by rain splashing dirt around. You can mimic this by using weathering powders on the lower regions of the fence. A dirt brown colour is ideal for weathering.



Drill holes into your baseboard remembering to take the measurement from corner to corner for square fence posts. If the material is dense and difficult to drill through, drill using a smaller size and move up in stages to the final size.

25 To avoid cockeyed posts, add pieces that go between the posts only once the glue has dried. In order to avoid any threading problems, when you have painted the posts, it is a good idea to open out holes back to their original size.



Choose some of the larger pieces for the uprights and drill three 1.6mm holes, 7mm apart. To avoid splitting the wood, drill without applying too much pressure and use pliers to support the sides.



Use an orange marker pen to add rust marks around the lock area of any gate in the fence and other use colours to add graffiti. It doesn't need to say anything sensible – often quite the opposite!



Dab scenic glue around the post holes and use a static applicator to add grass. If you don't have an applicator, rub a small quantity of static grass between your thumb and first finger until the fibres are aligned in the same direction and then place end on into the glue.

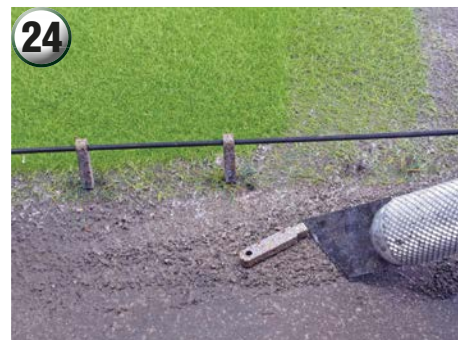


After making holes in your scenery, glue the posts in place. When dry, thread the inter post pieces through the holes. Each piece should overlap the next piece inside the hole. Add a dab of PVA glue to each joint and leave to dry. I set my posts 3.5cm apart for 1:76 scale.

Fixing fences



Mark the post holes out using a rule and a soft pencil, converting the distance between the posts using the correct scale you are modelling to. Take the measurement from the prototype if necessary.



Cut the posts with a tab length to match the depth of your baseboard and glue in place with PVA. If the baseboard material is thin, for example, plaster bandage, glue from the reverse using a hot glue gun.

HOW TO... MAKE A FENCE

Words & Photography: Kevin Phare

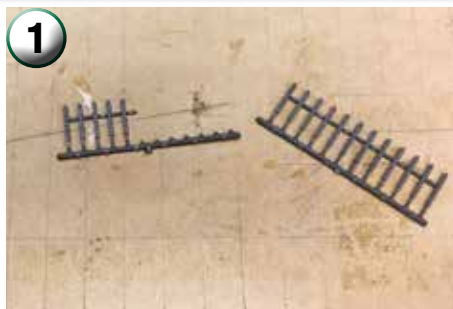
Obligatory on Britain's railways for safety and legal reasons, Kevin Phare demonstrates how a variant of this common lineside feature can be added to your model railway.



The basis of this article is to describe how you can get the seven strands on a GWR Ratio fence looking straight and level. My initial attempts were the normal way, which was to fix the posts first into the baseboard, then slowly fix the strands in situ, pulling and gluing as you proceed. However, I found the result was not always as satisfactory as I wanted.

The idea came to me when looking at the strings and frets on a guitar, it suddenly dawned on me that the same principle could be employed on the work bench, thereby making the whole process a lot easier, quicker and more accurate.

Here's how it's done.



I used a spare piece of 10mm MDF as the 'setting out' board and marked up accordingly. Each post is at 20mm centres, with a corresponding base line drawn to allow the post to be set using the ground as the datum. Slopes are worked out with a card template and transferred to the 'setting out' board in the same way. Posts are made from square-section plastic microstrip due to the pre-cut grooves in the Ratio posts not lining up.



Lining up the base of the post with the base line on the 'setting out' board, each post was set out at the vertical centres with the strand groove uppermost. I fixed mine with small pieces of masking tape as this can easily be removed or cut if necessary and doesn't leave marks behind. With the lower part of the posts fixed, the tops were fixed carefully to the board with a piece of masking tape, holding them firmly but not obscuring the strand groove.



To fix the strands, I used a 4lb lightweight fishing line. Seven strands were cut from the reel, each being much longer than was needed. They were required to be stretched over the posts and be ready to be used as anchor points on the layout.



When fully dry, the post and wire fence can be removed from the 'setting out' board, but leave the ends as long as possible to aid fixing on the layout.



Two metal pins were cut and wedged in place at each end of the fence to both look like braces and to keep the posts vertical.



Each strand was lined up with each relevant groove and the excess line was stuck to the setting out board with Sellotape (or similar). I found this was better than masking tape as it has a stronger adhesion.



With all strands in line and temporarily held in place at the ends, I applied superglue to each strand groove on each post. In this case I used a cocktail stick to apply the glue and reduce signs of ridges. In certain instances where the fence might be put under a lot of tension when fitting, I ran a second application of glue down the post to further strengthen the bond. If you need to speed up the glue-setting process, use an accelerator spray.



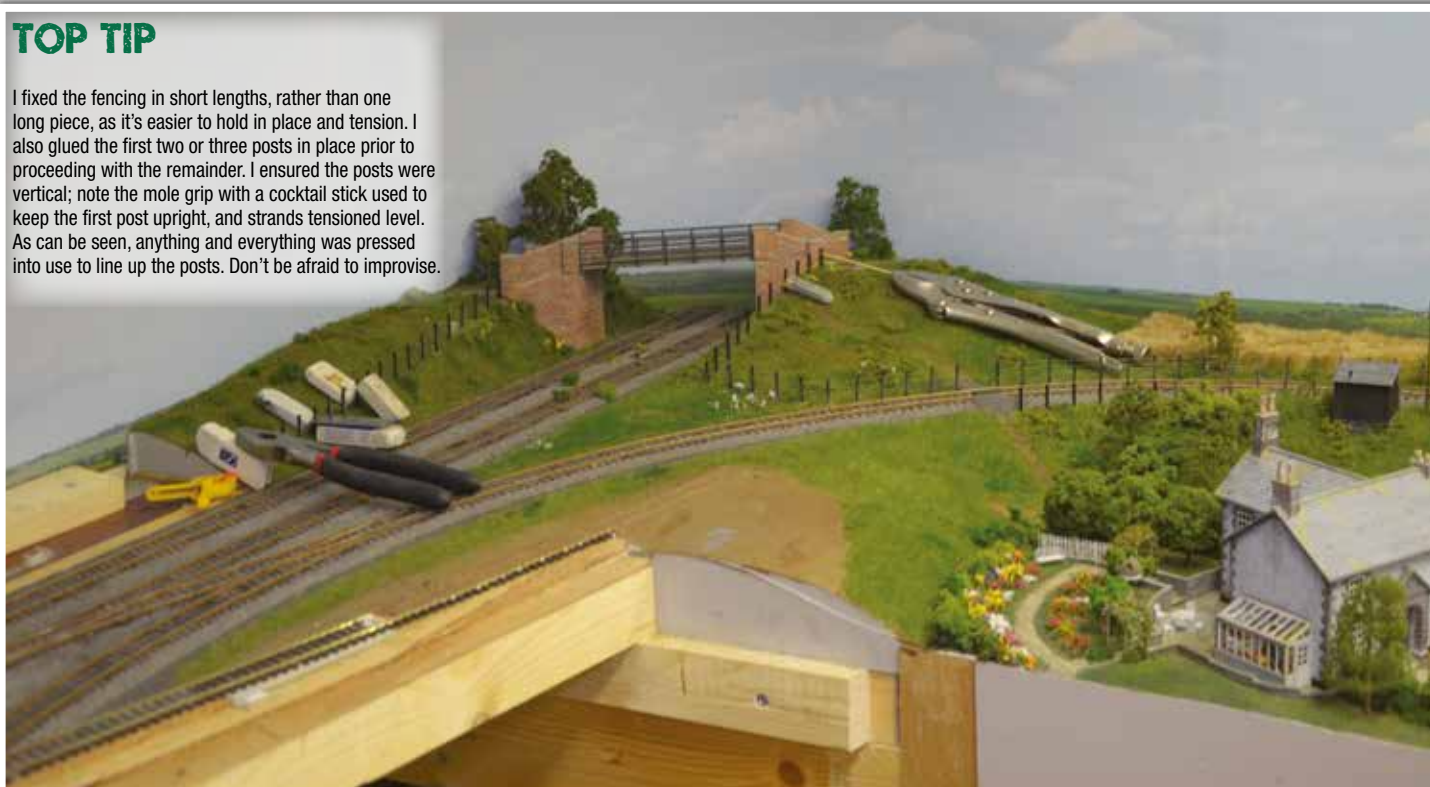
This next bit is optional, but I tend to cut every other one of the ground fixing lugs off the posts as it saves drilling loads of holes and then trying to get them all to line up. Mini clamps were fitted to each end using these strands to grip, and the fence assembly was then pulled to tension them. Weights, in this case spanners/grips, were placed on the clamps to stop them moving.

Holes for the post lugs had already been drilled out by using the fence as a guide and were made larger than necessary to take up inconsistencies in the spacing of the post holes. Be mindful that none of the holes touch the fixing lugs as this will stop the fence being correctly pulled straight. A dry run is recommended before actual fixing occurs.

When happy that the strands were pulled tight and the posts vertical, I flooded each post fixing hole with a liquid super glue and left it to set. The bottle of paint ensures the posts stay vertical.

TOP TIP

I fixed the fencing in short lengths, rather than one long piece, as it's easier to hold in place and tension. I also glued the first two or three posts in place prior to proceeding with the remainder. I ensured the posts were vertical; note the mole grip with a cocktail stick used to keep the first post upright, and strands tensioned level. As can be seen, anything and everything was pressed into use to line up the posts. Don't be afraid to improvise.



COLES CRANE



I was interested to see Michael Russell's conversions of the track side Coles Crane – it reminded me of a similar vehicle that I saw on the West Somerset Railway around 2017/18. However, the one I saw appears to have been a purpose-built unit, because the axle boxes had Coles cast on the axle box covers. The only information I have been able to find is from West Somerset Railway, which said it had originally been used by Ports of Bristol. I haven't been able to find out anything else, maybe someone else out there may know something?

Don Perchard

A KEEP, TURNED HOTEL



To while away the time in lockdown, I built the Metcalfe Castle kit. On completion, I decided it would fit nicely into a corner of my layout 'Coombe Cross' as a high-end hotel. I added some castle walls and a few watch tower kits. The completed hotel now sits above the branch line tunnel, is landscaped and floodlit. Figures from Bachmann and vehicles from Oxford Diecast complete the scene.

Alan Varley



Start as you mean to finish



Humbrol Enamels.. the modeller's standard for decades.



Discover everything you need for all of your hobby projects with the Humbrol Spray range.



Adding grime, dust, rust and weathered effects to your models is made simple with Humbrol Washes and Weathering Powders.

Visit www.humbrol.com where you'll find help and advice as well as hints, tips and product demonstration videos to get the best out of the wide variety of Humbrol products available!

HARDER & STEENBECK



PAINT EASY THE HARDER WAY

www.harder-airbrush.eu



We proudly announce that we intend to produce the Clayton DHP1. It was a demonstrator ordered by Rolls Royce to showcase their engines and hydraulic transmission, with help from Col Fell of 10100 Fell Loco fame. Clayton modified the Class 17 drawings to suit the requirement as they were designed around the same time, although the 17 was about 4 feet longer but the general layout was identical, testing didn't go to plan and it was soon relegated to works shunter for the final 2 Class 17's being built (the 2 with Rolls Royce engines).

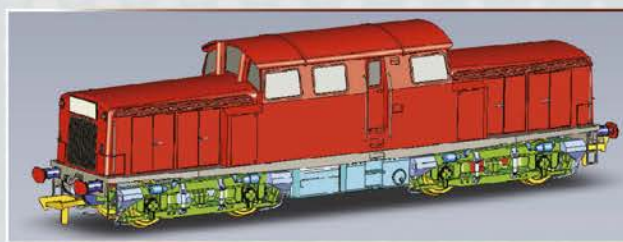
<https://krmodels.co.uk/collections/oo-gauge/products/clayton-dhp1>

THE ORDER BOOK IS NOW OPEN!

Clayton DHP1

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
- ▶ Separately fitted wire handrails and sandpipes
- ▶ Etched grilles
- ▶ Sprung buffers
- ▶ Flush glazing
- ▶ Available in OO Gauge.



DCC Ready **£160.00**

DCC Fitted **£190.00**

DCC Sound **£260.00**

www.krmodels.co.uk



Factfile

Layout name: Making tracks - WCML
Scale/gauge: 16mm gauge, 1:76 scale, OO
Size: 64ft x 20ft (approx.)
Era/region: 2000s WCML
Location: Watford to Shugborough (with a N.Wales detour)
Layout type: Continuous loop

PETE WATERMAN – 'MAKING TRACKS' - WEST COAST MAIN LINE

Enjoying the sight of trains passing-by, Pete Waterman and his team created this layout in record time, for display at Chester's famous Cathedral.

Words & Photography: Andy York



Before we see any of the landmarks on the project, the layout is unmistakably of the West Coast Main Line with brick retaining walls and overhead line equipment framing the four-track formation.

For a year, few of us have had much of an inkling on when model railway exhibitions may start to come to life again, but one of the first, and most spectacular opportunities will be thanks to Pete Waterman OBE and his team of modellers. A major display will be open to visitors from July 17 to September 3, inside the vast space of Chester Cathedral.

During a long winter of lockdown, Pete and the team have certainly been busy creating not just one of the largest exhibits the hobby has seen, but one that features a lot of modelling skills and techniques infrequently seen on any layout, let alone one designed to be moved and re-erected.

Project origins

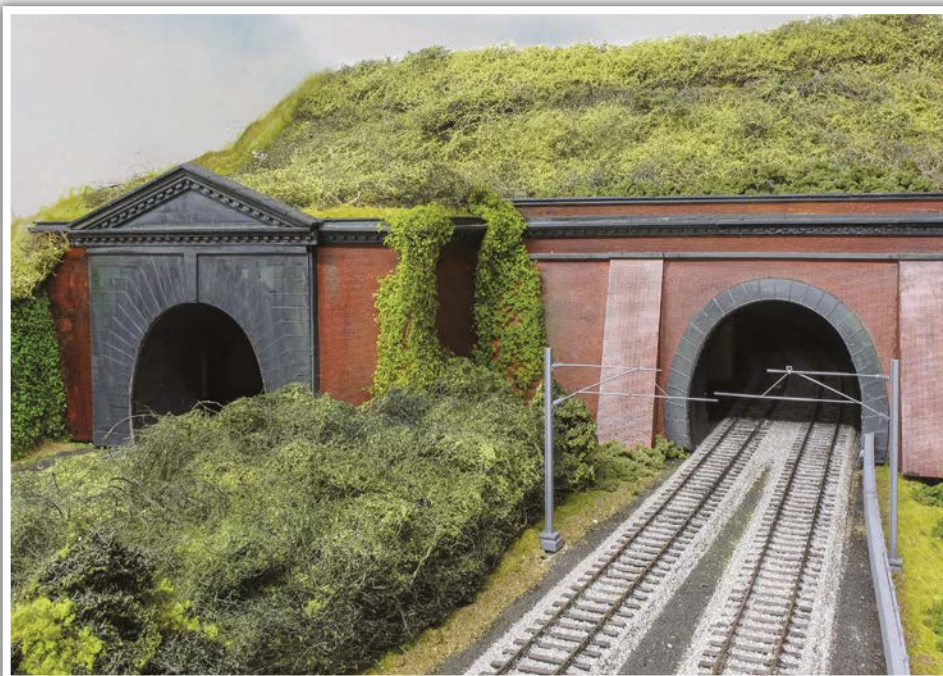
Chester Cathedral, sitting in the heart of the busy tourist city, is staging an exhibition, 'Making Tracks', as its 'Year of Journeys' theme looking at human journeys and adventures, plus commemorating Thomas Brassey, whose memorial sits within the cathedral precincts.

Chester Cathedral's Mark Baxter explains how Pete came to be involved with the project, "Pete Waterman OBE is the Chairman of the Thomas Brassey Society, and the enthusiasm of Pete and his 'Railnuts' team is outstanding, and a plan very quickly came to be, steered by Pete. The knowledge and expertise of Pete and Railnuts have been invaluable – the construction of the model has been inspiring, and their plans for how it will travel to the cathedral similarly innovative". The team at the cathedral is looking forward to the event, which starts on Friday, July 16, "It will stretch for about 90% of the Nave floor – which I think will certainly be a sight! I'm also interested to see the different reactions to the model, from model railway enthusiasts to families. I think everyone has a love for model railways, don't they?" The West Coast route is a journey Pete has made countless times and his observations have led to a great model.

Star attraction

At first sight, the scene is unmistakably one of the West Coast Main Line with distinctive architecture that pleases those who know the detail, while painting a broad-brush piece of art for those who are travellers on the route. There's some geographical modellers' licence involved with the arrangement of key features, but broadly, the scene is from north (left) to south (right).

The first feature on the far right of the



The classical form of the original (left) London & Birmingham Railway tunnel portal north of Watford undoubtedly made statements to investors and travellers about the grandeur of the route. To the right, the later tunnel is more austere, once cost had trumped style as traffic on the line increased.

scene is the north portal of Watford Tunnel, echoing the erstwhile Doric Arch at Euston Station some 20 miles south of the scene. The original 1837 double-track arch of the London & Birmingham Railway stands at the rear of the boards with the slow lines at the front of the scene running through the later London & North Western Railway tunnels.

Although the main parts of the layout are of a four-track formation, the trackwork is far from being four absolutely parallel lines, with the track gently and subtly curving from one grouping to another. The

transition of trackwork from the Watford portals to the single line portals of the slow lines through Northchurch Tunnels towards the centre of the layout is a striking example of subtlety, proving this is a model of a railway, rather than a mammoth train set.

The expanse of the scene is centrally divided by the short Northchurch Tunnel section – just north of Berkhamsted – and is topped by the only two buildings on the layout, a pair of inter-war detached cottages.

The tunnels have been transposed on the model to keep the pairing of the fast lines through a twin-track bore.



The low-down view of the southern portals of Northchurch Tunnel ahead of the wiring shows the proliferation of hardware around the modern railway, with electrical trunking on both sides of the line and raised equipment boxes associated with the communications mast.



The short (300m) tunnels at Northchurch are topped by the only buildings on the layout, two detached inter-war houses with charming gardens.

Emerging from the left-hand side of Northchurch Tunnel, the tracks come closer together within a deep cutting with wide and tall but narrow bridges akin to the section north of Roade in Northamptonshire. Here, it is evident how much modelling thought and time has been put into the catenary system with single posts and double and quadruple track portals. The portals were designed for laser-cutting, cut and constructed by the team to give a pragmatic and effective approach to replicating complex structures. From normal viewing distances, they certainly hit the mark. Clever planning dictated the position and separation of the portals, once again based on the varying lengths of Peco overhead wire sections of 200, 260, 340, 380, or 500 millimetre sizes, giving choices to work around the major structures.

As we move left (or northwards), the pairs of tracks start to diverge with the fast lines heading into a portrayal of the eastern end of Shugborough Tunnel to the rear of the layout, where the hidden tracks continue to the end of the layout before arcing round



Shugborough Tunnel's eastern portal was intended to portray an Egyptian entrance arch.

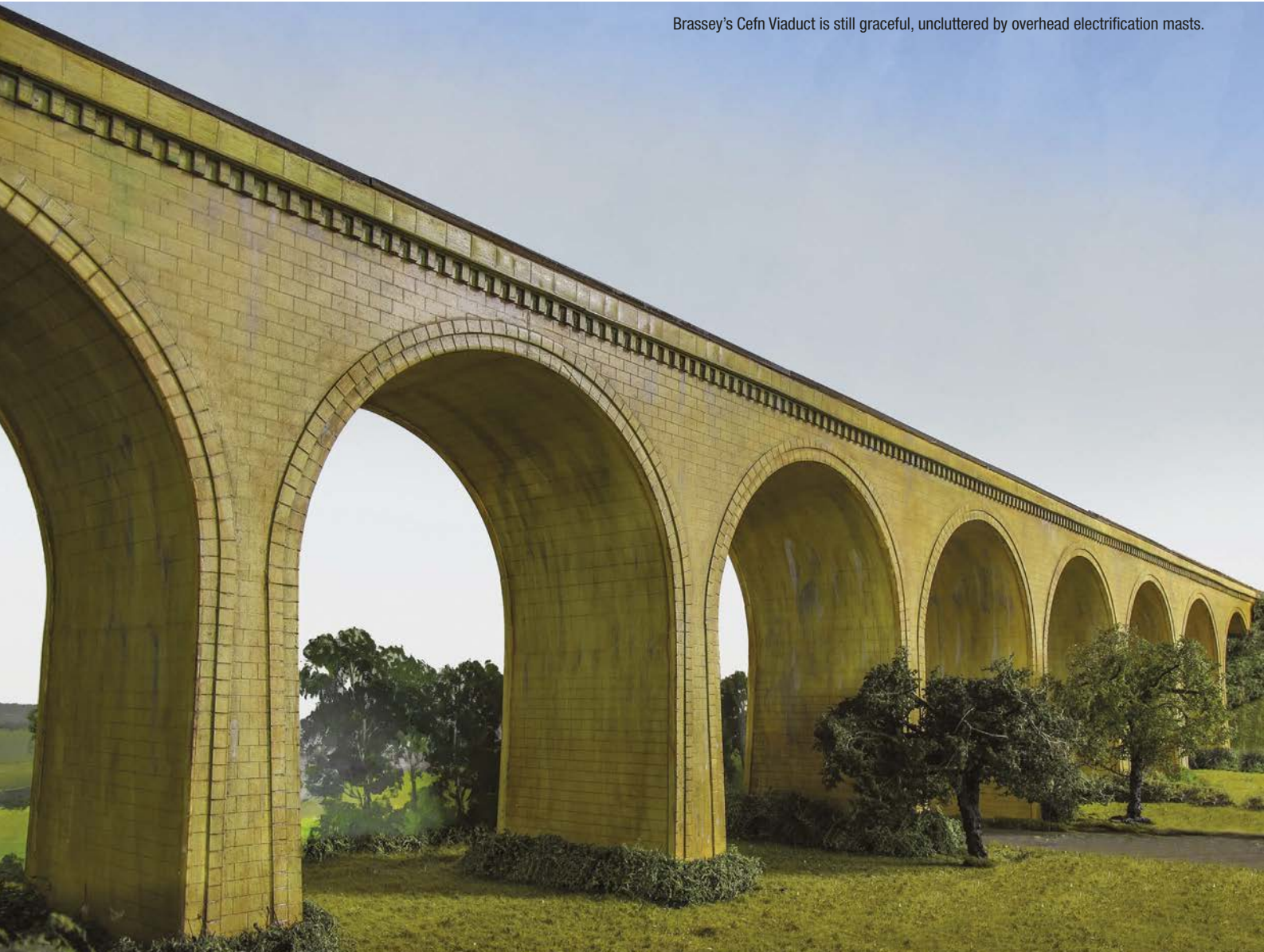
to the storage sidings. Before this, there is a ladder junction across all four tracks allowing for the separation of the two routes onwards, meaning that Down trains on the slow lines may cross onto the rear tracks.

The diverging route in the foreground includes interesting terminals of the overhead wires beyond the ladder junction, before the non-electrified route over the impressive Cefn Viaduct scene. Cefn Viaduct spans the River Dee near Chirk on the Shrewsbury and Chester Railway taking the line 100ft above the valley floor and was completed by Thomas Brassey, a resident of Chester, in 1846. The viaduct took Pete many hours to create, despite being able to laser-cut significant portions of the stone facings. The valley gives an opportunity for some scenic modelling including individual trees where a little more time is taken with seafoam sprigs on wire trunks and branches covered with scatter, plus the scenic backscene looking up the valley of the River Dee after some artistry from Mike Raithby.

Beyond the viaduct, the line exits stage left through the western portal of Shugborough



Brassey's Cefn Viaduct is still graceful, uncluttered by overhead electrification masts.



Thomas Brassey (1805-1870)

The link between the layout and Chester Cathedral lies with Thomas Brassey. A quite remarkable man and probably less recognisable or well-known than he ought to be considering his achievements, rising to become one of the richest self-made Victorians.

Many know the names and faces of the Stephensons and Brunel as engineers, but Brassey was a major contractor, carrying out work through his agents, supervisors and labourers. The son of a farmer from a village just south of Chester, Brassey was home-schooled until attending Kings School in Chester. At the age of 16, he became an apprentice to a surveyor and through road-building and construction in Cheshire came to meet Thomas Telford and George Stephenson and worked up to become a partner in the surveying firm. After a few unsuccessful tenders, his first contract came with a 10-mile section of the Grand Junction Railway in Staffordshire including the seven-arch Penkridge viaduct.

At the age of 32, his first contract was complete and his work accelerated. Within 15 years, he had built 2,000 miles of railway, a third of the mileage in Britain. Across the Channel, Brassey heavily influenced early French railways, building three-quarters of them during his life. His ability to deliver works on time and on budget brought international recognition with works across the continents of Europe, Asia, Australasia, North and South America until, by the time of his death, in 1870, he had built 5% of the railways of the world. Failures were few and any losses were covered from his own funds, he paid his staff well and visited sites in person. There were no fancy offices despite employing an average of 80,000 workers a year, and he earned the respect of many. His work went beyond the railways to build drainage systems and docks around the world and he was a major backer of Brunel's Great Eastern ship. A family man, his three sons went on to serve the military and parliament. At the time of his death, he was worth over £5,200,000 – an extraordinary amount for the time, and one of the century's wealthiest self-made men was commemorated with a bust in St. Erasmus Chapel in Chester Cathedral. Surely, he merits a greater place in history?

Penkridge viaduct, part of Thomas Brassey's first contract, spans the wide, shallow valley of the River Penk. A southbound Virgin Voyage service heads toward Penkridge station in June 2012..



Tunnel with its substantial Romanesque castellated stonework and returns to the rear storage yards.

A 70-foot-long layout is no mean feat at the best of times, but to come up with solutions that mean it can be effectively supported and transported are another thing and, quite literally, the foundation of the scene. A series of study table frames, built to controlled dimensions with adjustable feet, were constructed to support each of the board frames bridging over spacing between each table. Each table frame has bolt fixings, allowing them to be dismantled, transported and reconstructed on site. The largest section, which portrays Cefn Viaduct

is 12ft in length, plus at least 3ft in height – an impressive model in its own right. This means that with the other boards, a large-capacity van is required for the big move!

The baseboard sections are based on multiples of the Peco catenary system contact wire lengths so that the board joint coincides with catenary portals or masts and the associated wiring to allow complete modules to remain intact, minimising the set-up work in this regard on arrival at the cathedral. As with the real railway, much of the overhead wiring is held under tension, both cosmetically and in practice with terminal wiring taken down through the board and secured with a bolt

where necessary. Away from the scenic sections of the model, there is no overhead equipment, but approach framing will be fitted inside each tunnel to guide locomotive pantographs into position below the wires on the visible scenes.

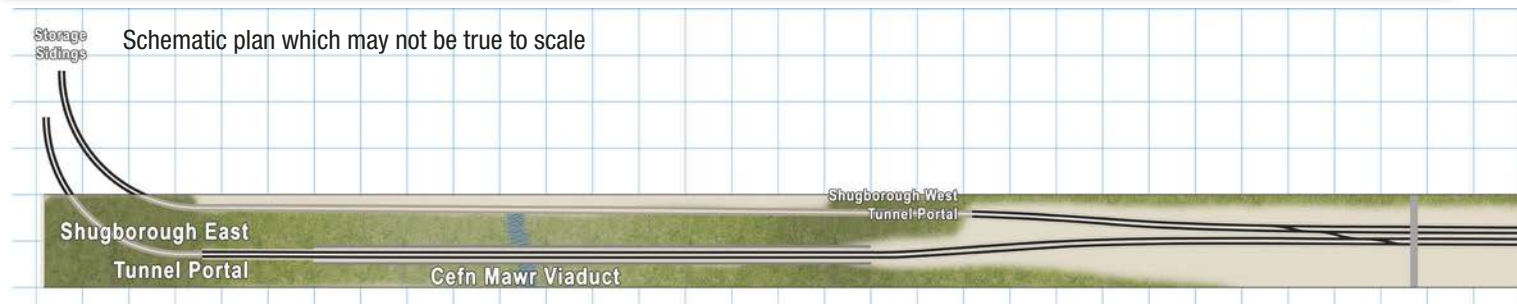
As an extremely frequent traveller along the route, Pete observed that little in the way of individual trees could be discerned as the miles fly past, and has adopted the impressionistic approach to lineside vegetation. We see miles and acres of varied greens and rarely do the eyes get a chance to rest on an individual tree. Therefore, much of the vegetation on and above the cutting sides is formed from rubberized horse hair

A Down train on the mainline to Glasgow will not encounter another tunnel after Shugborough until entering Glasgow, the price being paid by more circuitous routes and stiffer climbs than the East Coast route.



Storage
Sidings

Schematic plan which may not be true to scale



covered with clump foliage and scatter materials to give the variety and consistency of tones along the scale mile of scenery.

Many of us would recoil at the thought of ballasting near on four scale miles of track and pointwork, but Pete breaks this down into logical and manageable steps. Beneath the track, 4mm thick cork strips give an appropriate bed for the modern railway, glued with PVA and weighted down until set. The track is laid onto the cork, and a router is used to form the bevelled ballast shoulder in the cork strips. The router is governed by a guide between the rails, placing the router bits at the appropriate offset from the sleeper ends. It seems the

team was able to quickly create the shoulder using this method. After painting the track, Woodland Scenics ballast was sprinkled with fingers and thumbs in several hours because there's little pointwork, which can take longer to work around. Pete tells us it wasn't too time-consuming.

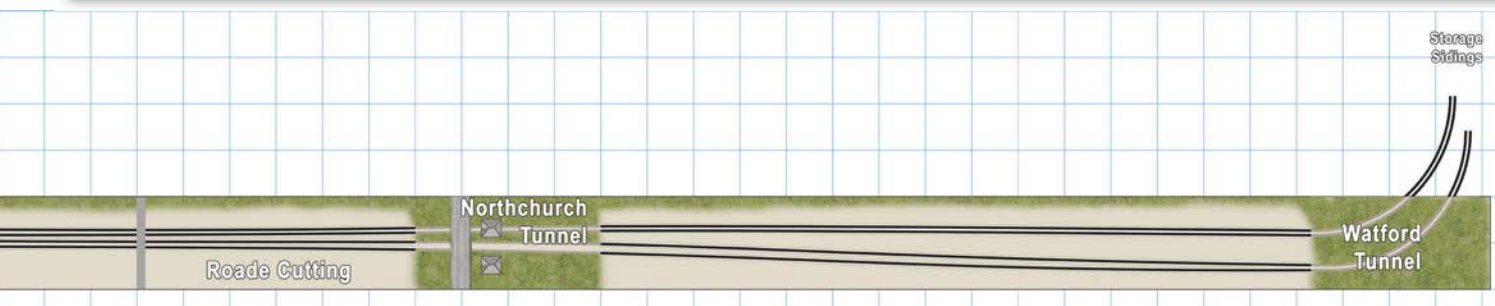
The layout is well worth a trip to see – the cathedral is located in the heart of the historic city and is just under a mile walk from the station. Making Tracks will be open Monday to Saturday from 10am - 5pm (last entry at 4.15pm) and runs from Friday, July 16 until Friday, September 3, 2021. The event isn't open on Sundays to allow for normal worship and essential maintenance

The Railnuts team

Dave Douglas – Woodwork and CAD design
Kevin Treeby – Trackwork and electrics
Aaron Moran – OHLE and Points
Tony Crowther – Scenics
Paul Morgan – Scenics
Ralph Robertson – Houses and bridges
Andy Gyde – Scenics and CAD work
Mike Raithby – Painting
Pete Waterman – 'Jack' of all trades!

on the model to take place. The event is free to visit, but donations to the cathedral are welcomed. Don't miss our video tour of this layout in this month's BRM TV, plus bonus footage available in the digital edition.

During this testing phase of the layout's creation before the big move to Chester Cathedral there seems to be some interesting workings!



WORLD OF RAILWAYS



DIGITAL EDITION EXCLUSIVE

Catenary with Pete Waterman

Phil Parker chats with Pete Waterman about how the team tackled the vast amount of Catenary modelled on this latest project.

WATCH THE VIDEOS HERE

(You must have a wifi connection to stream video content)



PLAY

WORLD OF RAILWAYS



DIGITAL EDITION EXCLUSIVE

Making Tracks – Baseboard legs

Phil takes a closer look at the innovative approach used for the baseboard legs in this mammoth project.

WATCH THE VIDEOS HERE

(You must have a wifi connection to stream video content)



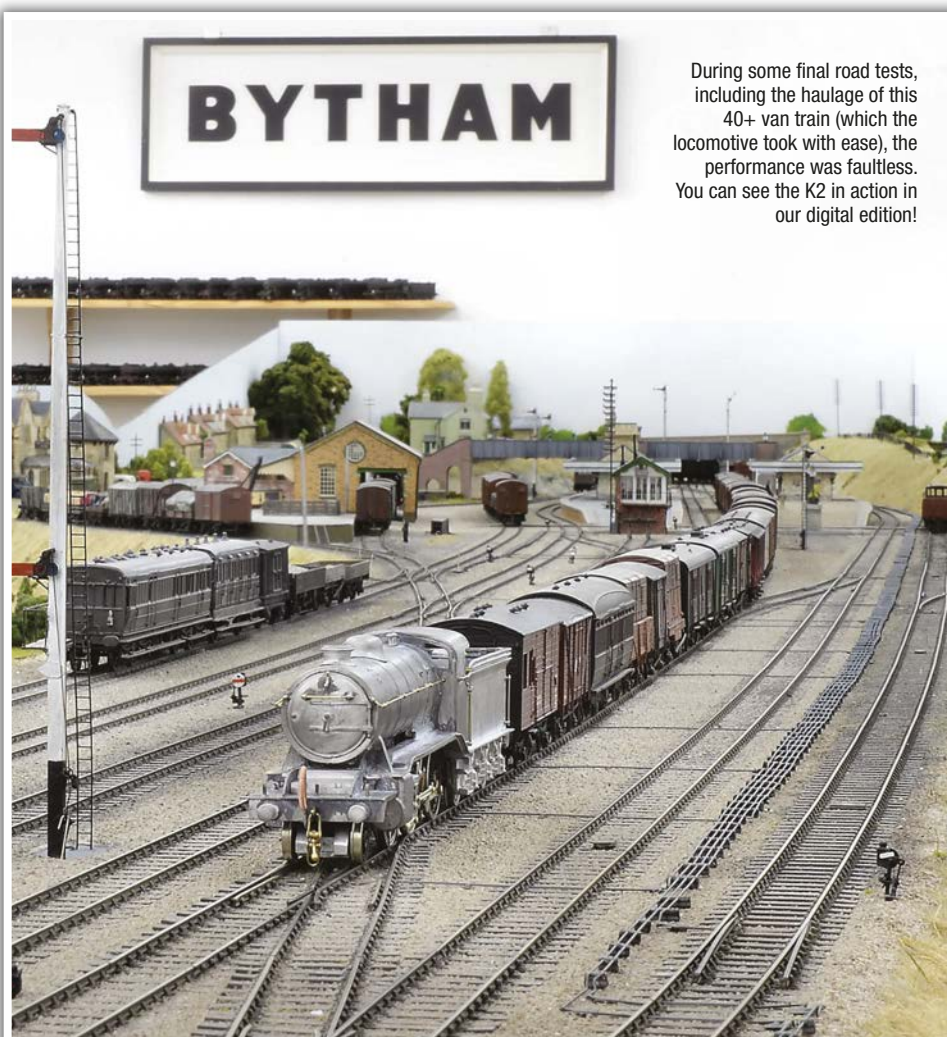
PLAY

HOW TO... **BUILD A** **'K2' 2-6-0**

Words & photography: Tony Wright

The name Nu-Cast will be familiar to many locomotive kit builders in 4mm:1ft scale, stretching back many decades. The firm's main output was in producing kits for LNER prototypes, though other locomotives from the 'Big Four' were represented as well. The kits came in familiar orange boxes, often with a prototype photograph on the front. They were complete – minus wheels and motor – and the originals had a white metal chassis block, with a large cut-out to take the standard X04-style motors of the day. Finished models were often incredibly heavy, but Nu-Cast locomotives were a common sight at exhibitions. I built dozens of them, though I always substituted a scratch-built set of brass frames. The range went to Autocom, then quietly faded away, especially as equivalent RTR locomotives arrived, removing the need to, say, build the likes of B1s and V2s.

Why now a reintroduction of the well-known name? Dave Ellis, the very well-respected proprietor of South Eastern Finecast has now sold-on that business in an attempt to 'slow down'. You can't keep a good man down, though, and he's now teamed up with Branchlines in the new venture of Nu-Cast Partners, introducing some of the old Nu-Cast range, but produced from completely new moulds. Not only that, but all the new kits come with etched brass or nickel silver frames – a feature shared with the last products from the original Nu-Cast range. Clearly, it would not make commercial sense to reintroduce locomotive kits for which there is now an RTR equivalent (or pending, in the case of the forthcoming new Bachmann V2), so the emphasis has been on looking at what can't be bought ready-made. And, the K2 fits nicely into that category. Dave asked me to test build the first off the production line, and report accordingly, so here we are...



During some final road tests, including the haulage of this 40+ van train (which the locomotive took with ease), the performance was faultless. You can see the K2 in action in our digital edition!



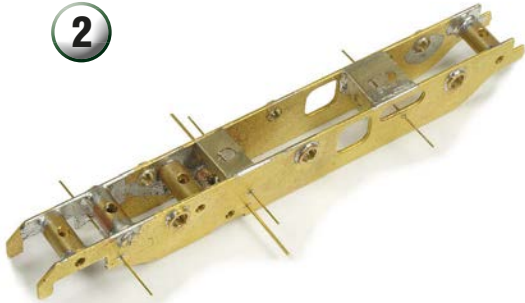
I love locomotive kit boxes. These latest Nu-Cast ones are particularly attractive, and rather more-sturdy than the orange originals.

The Prototype

The class traces its origins back to 1912, when (with the original smaller boiler) it became Nigel Gresley's first locomotive design for the GNR. Originally, 10 were built, classified GNR H2. Between 1914 and 1918, subsequent locomotives were built with a larger diameter boiler, becoming GNR Class H3, then LNER/BR K2. The original 10 (LNER K1) were subsequently fitted with the larger boilers, all joining the classification of their more-powerful siblings by 1936. After the Grouping, the original taller GNR boiler mountings were lowered to the composite loading gauge, allowing the class to run over the whole LNER system, including in Scotland. Most of those operating in Scotland received side-window cabs, and some carried 'Loch' names. They were popular and competent mixed-traffic locomotives. BR inherited all 75 of the class, and the total remained intact until 1955, when the first was withdrawn. The last two survivors were retired in 1961, and none survived into preservation.

Having received the kit from Nu-Cast Partners, I acquired the necessary parts to complete it mechanically, including Markits wheels (22mm drivers) and a DJH AM10 motor/gearbox combination. I also sourced prototype material in the form of the appropriate volume of Yeadon, the RCTS 'green' book, an Isinglass drawing and as many prototype photographs as I could find. Much information about the class, along with clear 'exploded' drawings, is contained in the kit's comprehensive instructions.

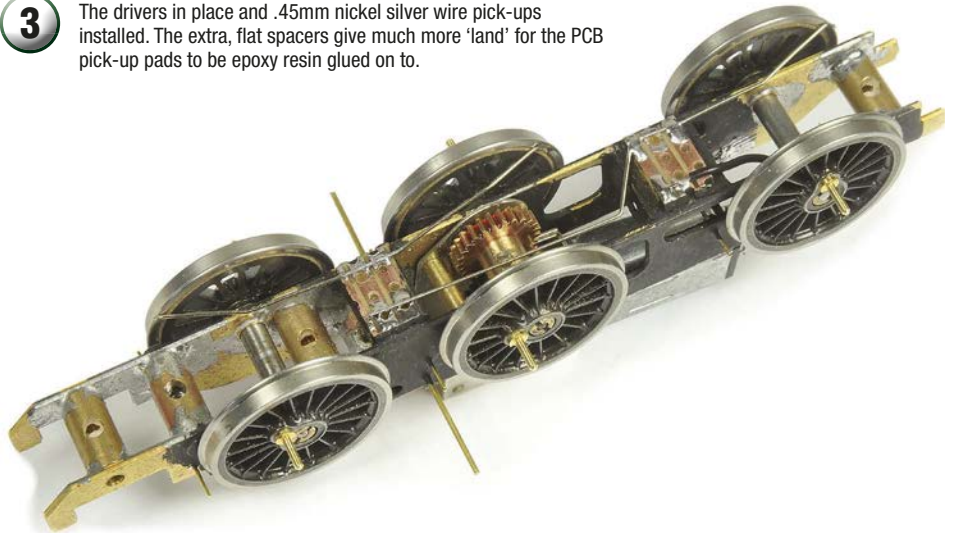
2



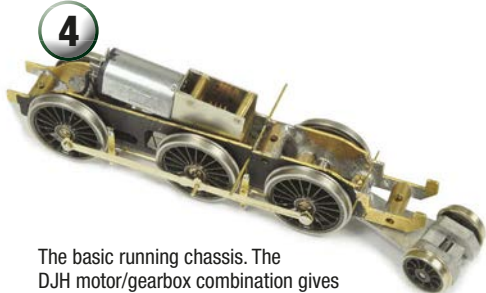
The substantial, etched brass mainframes made-up and ready for painting. They have screw-together spacers in the main, though I always solder everything up solid when all is square. For greater security in fixing the pick-up pads, I also soldered in some etched spacers. Though dimples are included in the frames to mark the positions of the brake cross members, no brake hangers and shoes were provided.

3

The drivers in place and .45mm nickel silver wire pick-ups installed. The extra, flat spacers give much more 'land' for the PCB pick-up pads to be epoxy resin glued on to.



4



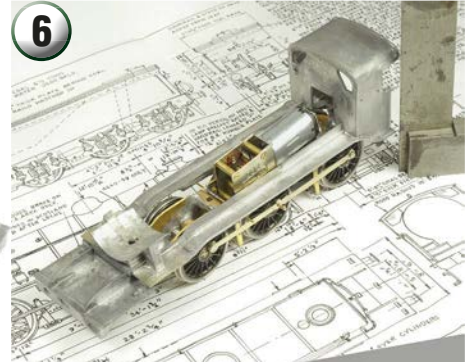
The basic running chassis. The DJH motor/gearbox combination gives exceptionally smooth, quiet and powerful performance. Ready-made – for ease of fitting – it's an investment, but worth it for such excellent performance. To make sure there were no clearance issues, note how the leading crankpin retaining washer has been made wafer-thin. The brake hangers came from a fret produced by the late Dave Cleal at Mainly Trains. I believe they're now available from Comet.

5



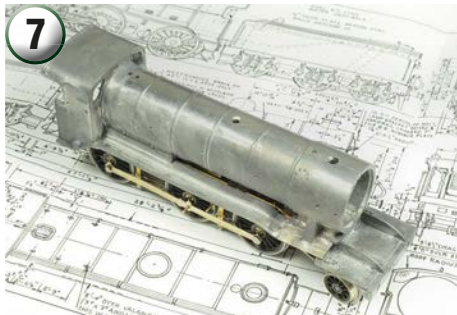
The main footplate in place, complete with nickel silver plate to go eventually underneath the smokebox saddle. Successful joining of the white metal and etched parts was – as always – achieved with solder. How some successfully glue together metal kits, I don't know. Note how the front securing 8BA nut has been strongly soldered in place. This will eventually be completely covered, and must never come adrift.

6



The instructions suggest fitting the boiler once the smokebox saddle is in place, but I always prefer to fit the cab first. I check that it's vertical by using an engineer's square. This locomotive has the GNR-style cab, but the Scottish side-window cab is also supplied in the kit. The Isinglass drawing was an essential aid.

7



Both boiler halves now soldered together and the unit soldered in place. Little in the way of cleaning was necessary, though I had to remove some metal from the boiler's lower half to accommodate the gearbox. Normally, all soldering would be done internally, but this wasn't possible at the smokebox/smokeybox saddle conjunction, needing a little cleaning afterwards.

8

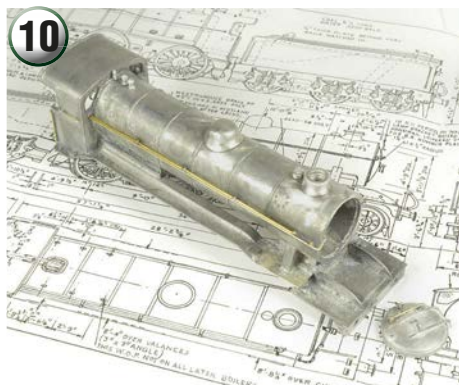


Having built the basic tender at an early stage, thorough road testing was undertaken to ensure top-class performance at this early stage in the build. I've seen many kit-built locomotives that must have been completely assembled before road testing was tried – not good practice.



9

I completed the tender at an early stage. The wheels should really be 16mm spoked, but I've found (having built at least a score of these Nu-Cast GNR tenders) that 14mm ones give the correct ride height. During the War, an extra handrail was fitted to the rear left-hand side of many of these tenders, and I've added it here, as well as locomotive tools. The vacuum standpipe is a lost-wax brass replacement for the all-to-vulnerable cast metal ones supplied. Since I model locomotives fully-coaled, I didn't bother fitting the internal self-trimmers.



10

The basic locomotive body all but complete. A cast metal vacuum ejector pipe was supplied, but I substituted a length of appropriate diameter brass rod, held in place with split pins, to which was soldered the handrail – much more-secure.

11



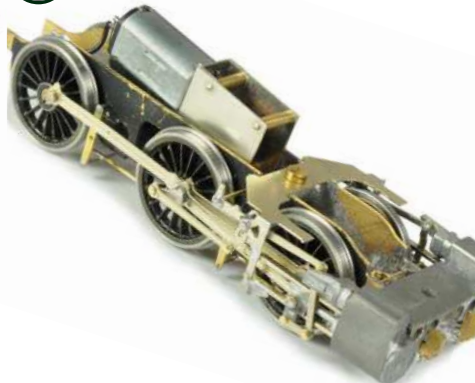
All the bodywork is completed, and, bar the dome and smokebox door, everything was soldered in place, epoxy resin being used to secure those two items because internal soldering would have been impossible.

12



I always leave the cylinders/valve gear to the last in any loco construction. In this view, the cylinders' fit was checked. A little filing was necessary to the stretcher to ensure the unit fitted snugly into the body. One much better feature of this new kit is the crossheads. They now come with a hole to take a proper 14BA nut/bolt to secure the little end of the connecting rod. Previous ones had a cast metal spigot; nowhere near hard-wearing enough.

13



All the valve gear and motion securely fixed in place. The etched support for the motion was far too complicated in my opinion, with all its multiple folds (it's the original Nu-Cast etched fret). I simplified it (as I've done with the two previous K2s I've built from the Nu-Cast stable). It's then much simpler to erect and no less secure.

14



The body-fixing 8BA screw passes through the cylinder stretcher. If using the cheese-head one supplied, it fouled the pony truck. I substituted a countersunk one, but still needed to file a groove in the top of the pony truck to give clearance when negotiating curves. The pony truck was secured by a home-made shouldered screw. Clearance for the front brake hangers was very tight, so I omitted them.

15



Complete and ready to be painted in BR lined black mixed traffic livery. The wire-wound vacuum standpipe was home-made by a friend, and the front screw shackle was from Markits. All in all, an excellent kit and fully up to the best standards in white metal loco technology. It took me around 24 hours to complete (not all in one go!) and the whole thing makes up into a thoroughly good representation of this attractive-looking class. I saw several of them in the Sheffield/Retford area, and this will become Darnall's 61760.

16



The finished locomotive, painted by Geoff Haynes. This kit is really worth reintroducing, it is simple and most-enjoyable to make, excellent value for money, and I entirely recommend it. At the moment, as far as I know, a K2 is on no RTR radar, so, if you want one, this is an ideal way of acquiring it.

Available from: NUCAST, Glenn House, Hartfield Road, Forest Row, East Sussex RH18 5DZ. Tel: 01342 822270. E-mail: daveellis05@gmail.co

Or: BRANCHLINES, P.O. Box 4293, Westbury, Wiltshire BA13 9AA. Tel: 01373 822231. E-mail: sales@branchlines.com

Other components

22mm Markits drivers (six of), axles and crankpins, 12mm pony wheels and 14mm tender wheels. Markits screw-link couplings.

DJH AM10 motor/gearbox combination. Comet brake fret.

AC Models

Tel: 02380 610100

www.acmodelseastleigh.co.uk



Your one stop shop for the model enthusiast selling new and secondhand Model Trains, Slotcars, Plastic Kits, Diecast etc. Visit our shop for all your modelling needs. See website www.acmodelseastleigh.co.uk for opening times

Gift vouchers available

For Spares Department contact
www.acmodelssparses.co.uk

9 High Street, Eastleigh, Hants, SO50 5LB
email: info@acmodelseastleigh.co.uk



100 London Road, Bognor Regis, West Sussex, PO21 1DD
Tel: 01243 84 25 25 Email: sales@sefinecast.co.uk
www.sefinecast.co.uk

SEF Builders Sheets re-launched!

A wide range of Vacuum Formed Sheets. Now available in NEW Coloured HIPS. Sheets available for 2mm, 4mm, 7mm, 5mm, 10mm and 1/12 and 1/24 scales.



FBS401B 4mm Brick



FBS404C 4mm Stone Blocks



FBS405C 4mm Paving



FBS407B 4mm English Bond



FBS411B 4mm Corners, Arches Etc.



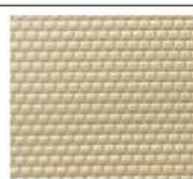
FBS416C 4mm Random Stone



FBS417C 4mm Stone Block



FBS418C Text Concrete Block



FBS419C 4mm Granite Sets



FBS420C 4mm Paved Roadway



FBS421C Fan Setts



FBS422C Square Set



FBS423B English Garden Bond



FBS424B Warehouse Fascia



FBS425C Ceramic Utility Tiles

2mm Scale Range

FBS201 – Plain Bond Brick (American)
FBS202 – English Bond Brickwork (Metric)
FBS203 – Flemish Bond

FBS204 – Stone Blocks
FBS214 – American Bond
FBS215 – Slate

FBS216 – Random Stone
FBS217 – Dressed Stone
FBS218 – Text. Con block

4mm Scale Range

FBS401 – Plain Bond Brickwork
FBS402 – English Bond Brickwork (Metric)
FBS403 – Flemish Bond
FBS404 – Stone Blocks
FBS405 – Paving Stones
FBS406 – Stone Setts
FBS407 – English Bond Arches
FBS408 – English Bond Arches Brickwork
FBS409 – Corrugated Iron Sheet

FBS410 – Corr. clear Sheet
FBS411 – Corners & Arches
FBS412 – Prof Clear Cladding
FBS413 – Prof Steel Cladding
FBS414 – HO/OO Amr Bond
FBS415 – Slate
FBS416 – Random Stone
FBS417 – Dress. Stone Block
FBS418 – Text. Con block

FBS419 – Granite Setts
FBS420 – Paved R/way
FBS421 – Fan Setts
FBS422 – Square Setts
FBS423 – Eng G/den bond
FBS424 – W/house Fascia
FBS425 – Cer. Utility Tiles

7mm Scale Range

FBS701 – Plain Bond Brickwork
FBS702 – English Bond Brickwork (Metric)
FBS703 – Flemish Bond
FBS704 – Stone Blocks
FBS705 – Paving Stones
FBS706 – Stone Setts
FBS707 – English Bond Arches

FBS708 – Arches & Brickwork
FBS711 – Corners & Arches
FBS712 – Prof Clear Cladding
FBS713 – Prof Steel Cladding
FBS714 – American Bond
FBS715 – Slate
FBS716 – Random Stone
FBS717 – Dress. St Block
FBS718 – Text. Con block
FBS719 – Granite Setts
FBS723 – Eng G/den bond
FBS724 – W/house Fascia
FBS725 – Cer. Utility Tiles

- New coloured sheets - All scales £4.89
- Original white sheets still available – All scales £4.89 each.
- For full list telephone or email.
- Post free mail order - £15 minimum order value

Bona fide trade enquiries welcome



NU-CAST Partners

GNR Class H3 - LNER/BR Class K2
Price £105.00



(Model built with extra details and photographed by Tony Wright)
Requires wheels, motor and gears to complete.

Email or SAE for complete list of current reissues.

Available from :-

Nucast, Glenn House, Hartfield Road, Forest Row, East Sussex RH18 5DZ Tel: 01342 822270
email :- daveellis05@gmail.com
Also available from Branchlines

Available Services

Loco Servicing and Repairs • Custom Modifications and Weathering • Layout Building • Track Laying • Scenics • Complete Design Services • Wiring • DCC Fitting • 3D Printing - Magnetic Coupling Production, Custom Loco and Scenic Designs



Contact Us

sales@glrailways.com
www.glrailways.co.uk
01446 789084
Barry, South Wales



Call now for 15% off all loco servicing, upgrades and repair work. Quote BRN2021

WORLD OF RAILWAYS



DIGITAL EDITION EXCLUSIVE

Nu-cast partners K2

Watch as Tony Wright's locomotive build from the August 2021 issue of BRM tours his OO gauge 'Little Bytham' layout.

WATCH THE VIDEOS HERE

(You must have a wifi connection to stream video content)



PLAY

SCALE
ROLLING ROAD



thinking outside the square
concepts

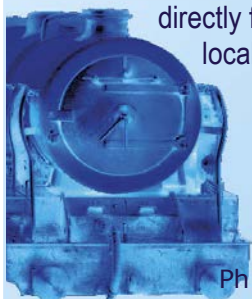
The high quality and the heavier nature of O Scale models demands only the best possible choices when creating an important accessory such as our Premium quality DCCconcepts O Scale rolling road.

We have used real gold to plate the end caps for perfect power pickup, used top quality sealed roller bearings and unique magnetic attraction system to ensure they stay in place, exactly where you want them..

Our beautifully packaged premium quality O scale Rolling Roads are available now in limited quantities directly from DCCconcepts or your favourite local DCCconcepts specialist dealership.



High quality sealed bearings
Gold plated rail contacts
Magnetic positioning
Just for O scale
4 or 6-axle!



thinking outside the square
concepts

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



CRANE
GARDEN BUILDINGS



THE PERFECT LOCATION FOR A MODEL RAILWAY

Our buildings are strong and robust, built with the highest quality timber, and can be tailored to suit your needs.

By tailoring the building design to your exact requirements, we can give you a building of the perfect size, with each feature precisely where you want it. Our sheds and workshops can also be fully lined and insulated, with electrics, allowing for year-round use. To find out more, please visit cranegardenbuildings.co.uk.



SHOW SITES
ACROSS THE
COUNTRY

HANDMADE
BY SKILLED
CRAFTSMEN

**FREE
DELIVERY
& installation
nationwide**

Sheds | Workshops | Summerhouses | Garages | Studios | Telephone 01760 444229

A BUSY HAMLET SCENE

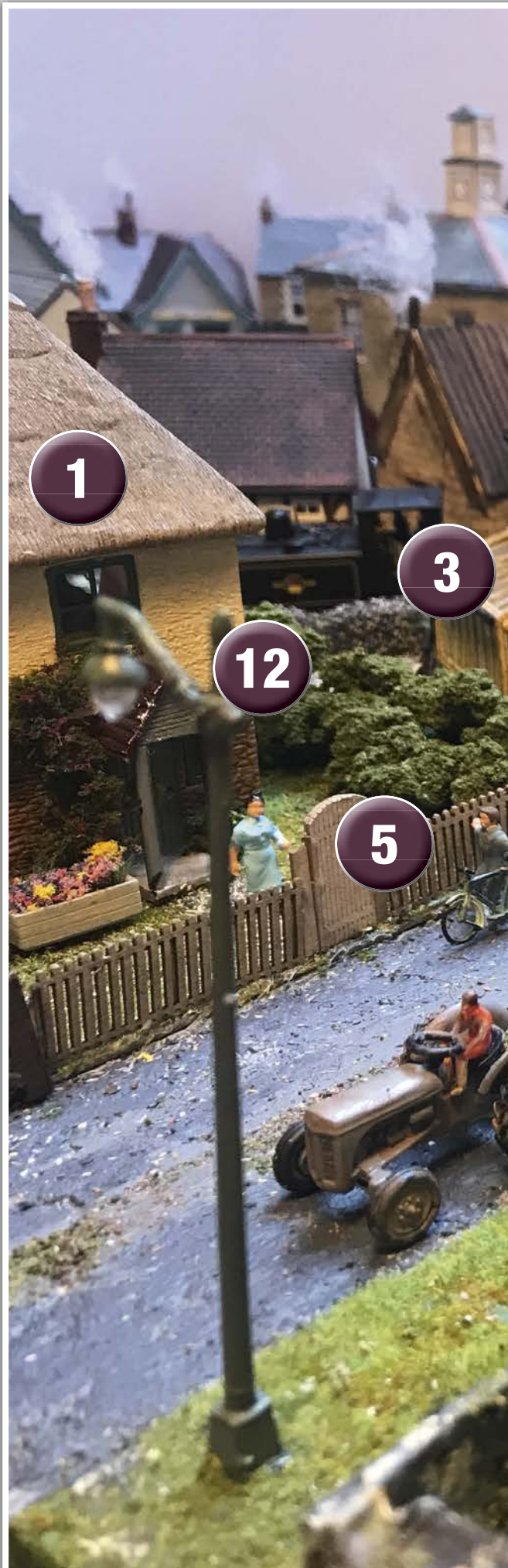
Carol Flavin's large OO gauge lockdown layout, 'The Edge Hey and Strines Railway', is brimming with features, but this scene lining a small road is her favourite.

Words & photography: Carol Flavin

Upper Strines Hamlet consists of a few houses and a church and is reached from Strines Village across a stone bridge over the railway. It looks out over the top of the village, towards the harbour, and has a splendid view of the mountains with their crashing waterfalls in the opposite direction. A river from the lake at the base of the mountains winds its way around the hamlet and out to sea via a busy harbour. This is my favourite part of the layout, and in an ideal world, it is where I would like to live.



1. This house is a Skaledale (R8515) Clovelley Cottage, and has lighting using the Woodland Scenics Just Plug system. I made curtains from pieces of ribbon or coloured paper, and stuck greenery as if it was growing up the front and side of the house. This was made using seafoam that is sprayed with hair spray and immediately dipped in a mix of scatter, hedging and leaves that I have created. The house sits in a good-sized garden with flowers in raised beds under windows made from painted pieces of balsa wood, with flower tufts on the top, from Howard Scenic Supplies – Flowering Bushes. There is a driveway to the side made using oddments of N gauge ballast, and a garden fence and gate from Scale Model Scenery (LX004-00) laser-cut 4ft Garden Fencing. Between Lane Head House and Railway Cottages is a substantial hedge made from Jarvis Hedge Foliage, glued with Bostik.
2. The cottage is made from a Wills (CK10) Farm Cottage kit. The other cottage (No.1) is from a similar but not identical plastic kit that came ready-made. I took off the end wall of the second cottage and joined them together. The cottages have a variety of curtains and blinds at the windows. I have blanked some out to give a realistic look at night when the lighting is switched on to show that only some rooms are in use.
3. The conservatory was already on the side of No.1 Railway Cottages, which was a building I bought ready-made from eBay. I carefully removed it and added it to No.2 Railway Cottages as I knew it would suit the look of the building better.
4. This bridge was scratch-built from carved and sanded balsa wood. I created the look of stone with textured wallpaper, which I then painted to create the stone effect. I added greenery from my stock. There is a Hornby Skaledale Pillar/Post Box at the foot of the bridge to give a realistic feel to the scene.
5. A resident from Lane Head House is chatting to a man with a bicycle over the fence. The bicycle is one I painted from Modelscene. I like to have a good choice of figures and they mostly come via job lots from either eBay or second-hand stalls at model railway shows. The fences and gates are made from Scale Model Scenery laser-cut Garden Fencing.
6. Vehicles are all Oxford Diecast. The tractor has an N gauge driver because the figure fitted better behind the wheel. The tractor is towing some fence panels on a trailer that is really a painted trolley normally used on railway stations for luggage. I used mid and dark brown acrylic paint to weather the tractor and the Land Rover. There is also an open-topped sports car with N gauge figures in the seats to add a bit of fun to the scene.
7. I made the coffin out of a small piece of carved balsa wood and painted it light brown. I created the look of a hole in the ground for the coffin by rolling up some toilet paper and sticking it down with Mod Podge. I then painted it brown and added a small amount of mixed scatter. The vicar was a smartly-dressed figure with a hat that I painted black.
8. The gravestones came from my collection. I also have lots of colourful flowers that I buy ready-made. These include Flowering Bushes from Howard Scenic Supplies, and War World Scenics Mixed Flock and 4mm:1ft scale Static Grass Flowers. There are also a variety of bushes and trees around the church including Hornby SkaleScenics deciduous trees and Light- and Mid-Green Woodland Scenics bushes. I used the Jarvis summer rough terrain mat for the grass.
9. I made and painted stone walls around the church. An unusual choice, I cut some Jarvis cork strip into the correct height of a stone wall, painted it mid grey, and then flecked light grey, dark grey and buff titanium acrylic paint onto the walls to create the look of a stone wall. I then weathered the stone walls by adding 10mm grasses and bushes both inside and outside the wall. I made the lychgate by the church entrance from some pieces of fencing for the sides. I etched the roof from some pieces of plastic. This gave it two sides and a pointed roof. I also put in a Langley 4mm:1ft scale gate with brass detailing.
10. I initially tried cotton wool for the smoke, which was a bit too fluffy for my taste but it still looked effective. Teased-out Christmas fleece looks good and very realistic, but I prefer to tease out patchwork quilt wadding as it has a slightly rougher texture. You need very little to create the effect. I stuck the 'smoke' in place with a little Bostik glue.
11. Hedges are made from Woodland Scenics Bushes, or Jarvis Hedge, mixed together. Fencing is usually made from Scale Model Scenery laser-cut kits, as are the gates. Trees come from a range of sources, including Hornby deciduous trees, and plants range from flowery bushes to tall 10mm grasses bunched together.
12. I had always wanted to add lighting to the layout, but wiring beneath the board is difficult for me. I discovered the Woodland Scenics Just Plug System. It's an investment, but I have found the simplicity makes it cost-effective. Lighting in the hamlet at night gives it a realistic look and the Woodland Scenics (WS SS26) Victorian Cast Iron Street Lights (lit or unlit) add a nice touch. I have added lighting in the houses using the (JP5740 WS) Just Plug Warm White Stick-on LED Lights in the houses.





1. I made the church using the Dapol (CO29) Village Church kit, which I painted in a Yorkshire stone colour, dabbing light, mid and dark grey acrylic paint with Buff Titanium as a highlight. I used stained glass windows from the BigTrainSound, cut and stuck in place inside. I placed the church on a rectangular plastic base because it was being used as a diorama, and used Jarvis Rough Terrain Mat for the grass and a textured wallpaper for the path to the church and round the outside of the building, which I painted in buff titanium.
2. There is a paved terrace outside the back door made from leftover Metcalfe paving slabs and a large tree at the bottom of the garden, which I made from a second-hand armature and Jarvis tree foliage. There are big flower beds with a selection of colourful flowers from my store.
3. This is a Hornby Skaledale Wooden Summerhouse (R8988) in Lane Head House garden. I painted the summerhouse with the same colours as the one in our garden (dark blue and white). Around the base of the summerhouse are some Gaugemaster pots with plants in. Again, I like to use the Jarvis Rough Terrain Mat for small areas of grass such as the lawn.
4. Railway cottages are working men's cottages and the gardens are gravelled using N gauge mixed ballast. They have some raised beds with cottage garden plants, vegetables and herbs. I made these from carved balsa wood, which I painted grey and stuck a variety of flowers and grasses on top of. The vegetable bed was made from painted matchsticks formed into a square, with mixed scatter stuck down and tufts of grass in rows to create the look.
5. I made two of the larger trees in the hamlet from second-hand armatures and using Jarvis tree foliage clumps. They look realistic and dramatic at the same time. A variety of trees and bushes can be found all around the village and the hillside behind.
6. This bridge was scratch-built from balsa wood and textured wallpaper. Getting the angle and shape right for the space was a challenge as I wanted to make a bridge that looked realistic and unusual. It is the footbridge from the village to the church. The pathway was made from grey card and weathered. I painted the bridge in light, mid and dark grey picked out with buff titanium to create the pointing. I then added greenery in places where grasses and small bushes would grow naturally. I painted inside the arch of the bridge to look dark with black paint.
7. My favourite locomotive to run on the track serving the village is Hornby's (R3768) Late BR A1/A1X Class 'Terrier'. I recently treated myself to two of the latest Hornby four-wheel coaches that have fitted lights.
8. I made the mountains in a modular way so that I could remove pieces and put them back as I designed it. I used loft insulating foam that I was able to carve and I kept working on it until it looked right. Once I was happy that everything was the right shape and height, I covered the outer surfaces with scrunched-up toilet paper, stuck firmly in place with Modpodge glue. Once dry and ready for painting, I used my brush, an artist's sponge and acrylic paint to create the effect. I usually find a mid-grey, buff titanium and very dark grey dabbed on with the sponge and then highlighted with white, which gives a very good effect of cliffs.
9. There are a number of tunnels that go through the mountains in one direction and come out again in a different direction. This was a particularly challenging part of the initial design for the track as I had to create both space and the correct inclines to take the tracks in and through the mountains. I like the Modelscene tunnel portals and they have a clearly defined stone surface that paints easily. Also, because they are plastic, they can be modified if necessary. I always paint the tunnel interior with black paint. This is usually well in advance of completing the tunnel body.
10. The waterfalls are made from silicon gel, acrylic structure gel, a small amount of white paint and some teased-out Christmas fleece to give the impression of moving, splashing water. Two waterfalls fall down the cliffs into a lake at the bottom. The water then flows along a river and out into the harbour. I created the depth in the lake, river and harbour using my paints and then put several layers of Structure Gel and Heavy Structure Gel on it, painting in currents with a small brush and white paint.
11. This castle was one I adapted from an aquarium model and built a base for. I painted it with colours to make it look indigenous (grey and buff titanium). It sits above the waterfall diorama and I surrounded it with trees and people walking around the grounds. As it sits above the waterfall diorama that has a fast-flowing river and a stone bridge, I painted a cave entrance on the base below the castle, to give the impression of a source for the river under the stone bridge.
12. There are buildings on the top of the mountains. I build a Dapol windmill kit and painted it and placed it with some workshops and office buildings and a lorry so that it dominates the surroundings. Round the other side of the castle, there is a large farmhouse that I originally scratch-built for the Great Model Railway Challenge. The farmhouse has a barn and cottage. I made sure that there are fields and farm animals and plenty of trees. I plan to make a motorised windmill in the near future, possibly using the Faller Windmill with its Motor Building kit (130115).





WORLD OF RAILWAYS



DIGITAL EDITION EXCLUSIVE

Upper Strines Hamlet - a tour with Carol Flavin

Carol Flavin's large OO gauge lockdown layout, 'The Edge Hey and Strines Railway', is brimming with features, but this scene lining a small road is her favourite. Here, she gives us a guided tour of some of the key features.

WATCH THE VIDEOS HERE

(You must have a wifi connection to stream video content)



PLAY

HOW TO... AIRBRUSH A TURNTABLE

Words & photography: Howard Smith

Is it possible to convincingly paint and weather an eye-catching layout feature, solely using an airbrush? Howard Smith was determined to find out.



SHOPPING LIST

Harder & Steenbeck Infinity and Evolution airbrushes, Sparmax Compressor, Lifecolor Beige M. D. (842), Grigio Polvere (838), Soot (LPW 15), Dark Mold (UA 751), Wooden Deck Shadower (LPW19), Old Peeled Deck (1703), Vegetable Origin Damp Green (UA 749), Comart Dark Rust (1215MDA)

W: www.airbrushes.com

Finescale Model World Primer/Surfacers

W: www.finescalemodelworld.co.uk



Airbrushing is a great technique, which can produce realistic painted surfaces on models. Provided the modeller is able, it is accessible too, with compressors and airbrushes available for all budgets and no modeller should feel it is beyond their ability. Like all techniques, it requires a small amount of patience, but the benefits are a subtle finish to models, and a more economical use of paint. This is because the depth of paint applied can be thinner than brush-painting and an airbrush gives far greater control. Mixing and thinning paints for a larger model or a batch of models is more economical than for smaller items.

Besides repainting models to almost RTR standard – which requires considerable

experience, airbrushing is a great technique for weathering, too. We've always advocated practising your weathering techniques on an inexpensive item first – an older RTR wagon, or a small lineside building you've constructed, for instance. Soon you'll have ambitions for greater things, though perhaps not an expensive RTR locomotive, yet.

I'm painting a turntable because they are rarely featured, yet provide ample opportunity for weathering. This model is from Peco and was constructed by Phil Parker for the February 2021 issue of BRM. A simple kit to construct, it is widely-available from model shops, too. The colours and techniques demonstrated can be applied to turntables from other manufacturers, or by swapping colours, any object that requires

painting and weathering.

As for paint choice, enamels or acrylics – it's entirely your choice, but avoid spraying one type over the other, or reactions might take place that could spoil the finish. A risk-free method is to apply the same primer, paint and – if necessary – varnish type, from the same manufacturer.

Cleaning is often a downside of airbrushing and when using these quick-drying water-based paints to meet a deadline, they clog often in the nozzle. Thorough disassembly of the airbrush and cleaning was required on at least 20 occasions – each a five-minute job. However, it was still faster than waiting for enamel paints to dry!

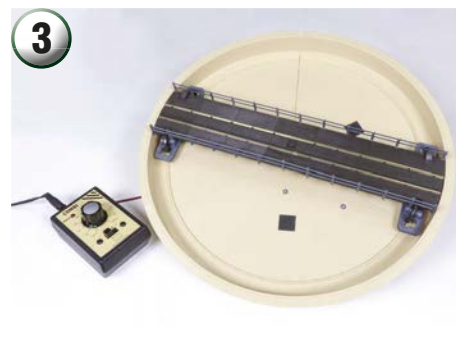
Let's get on with it...



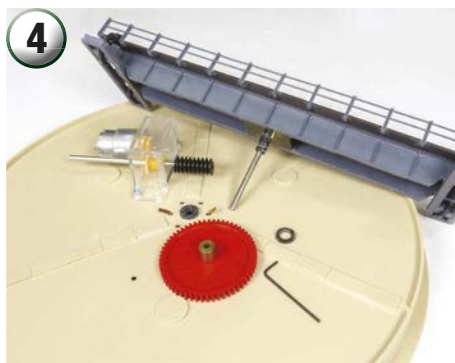
An airbrush and compatible compressor are required for airbrushing. Airbrushing isn't an onerous task for a compressor, hence the many smaller and more energy-efficient models with smaller motors, designed for the task.



Two airbrushes are used on this project. Both from Harder & Steenbeck, the Infinity was used for most of the project, being fitted with a needle for a larger spray pattern and larger cup for more paint. The Evolution is ideal for smaller areas of detail.



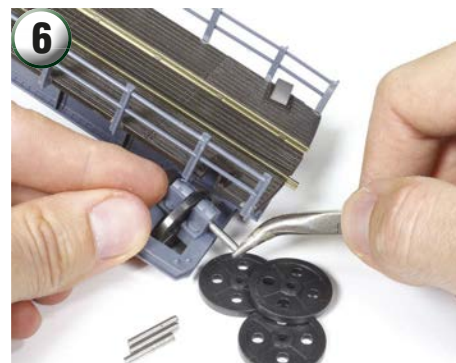
We've described the construction of this turntable in the February 2021 issue of BRM, but as with all team projects, because I didn't build it, it's a good idea to test things and check it works without interference. It's too late to remove plastic once it's painted.



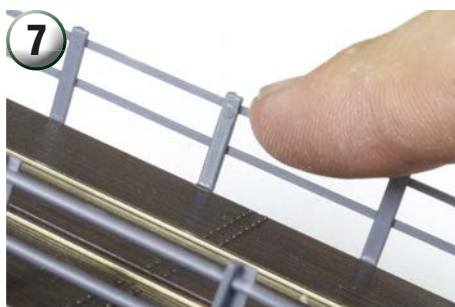
Tin foil can be used to mask the bridge from the well, but for simplicity – and handling – it's much easier to dismantle the duo. A small allen key is required to remove the red nylon gear. The plastic ring washer was glued, so had to be carefully cut free.



A little flash remains around the model, which is removed with a sanding stick. It doesn't take long and smoothing some of the sharp corners helps the paint 'key' better. Handrails are a little over-scale, but outside the scope of this article.



Pins are pulled free so that wheels can be removed. I'd recommend this with all projects where moving parts could jam with paint. It also provides better access for a more even application of paint to the wheel faces.



A last-minute second look across the model reveals injection-moulding marks to the inside of the handrails, which are removed with the sanding stick again. Should dimples of significance be obvious, use filler and a sanding stick to correct.



Beige M. D. (842) from Lifecolor's new Italian Railways Set 2 of paints is a useful base colour to represent concrete. I'm using water-based acrylics throughout the project. They dry fast, giving me a chance of meeting pressing deadlines!



For the bridge, which is likely to be handled should it fail to rotate, or knocked should a locomotive derail, I'm applying a water-based primer/surfacer from Finescale Model World. Having been sitting for a few years, it required arduous stirring...



Diluted with water until I was confident it would spray correctly, the dual-action airbrush is worked across the model from a distance of around 20cm. It requires several passes, more so for confined spaces where the spray is reluctant to reach.



Rails are removed from the deck for separate treatment. Remove the contact springs that deliver current from the well ring to the underside of the rails. Spray can now reach underneath rails, for coverage. Ensure contact surfaces between rails and springs aren't painted.



Wheels are treated separately, the handle of a small needle file being the correct size to act as a handle. Each is rotated while spraying. The file also prevents spray from reducing the inside diameter hole of each, making re-fitting easier.

Thinning paint

Airbrushing requires many paints to be thinned from the tin or bottle before use, allowing the air to atomise it through the nozzle and spray, rather than spit paint. Many newcomers to airbrushing ask how far they should thin their paint so it sprays correctly, to which we often say as a rule of thumb, 'to a milk-like consistency'. It almost always works, but occasionally, over-thinning or slightly under-thinning is required. Experiment.

15



Don't flood the model with paint, but build up the colour gradually. If it has a satin sheen, that's the right air/paint ratio. A 'sizzle' sound indicates that paint is either too thick, or airflow is insufficient and 'spitting' of the paint might occur.

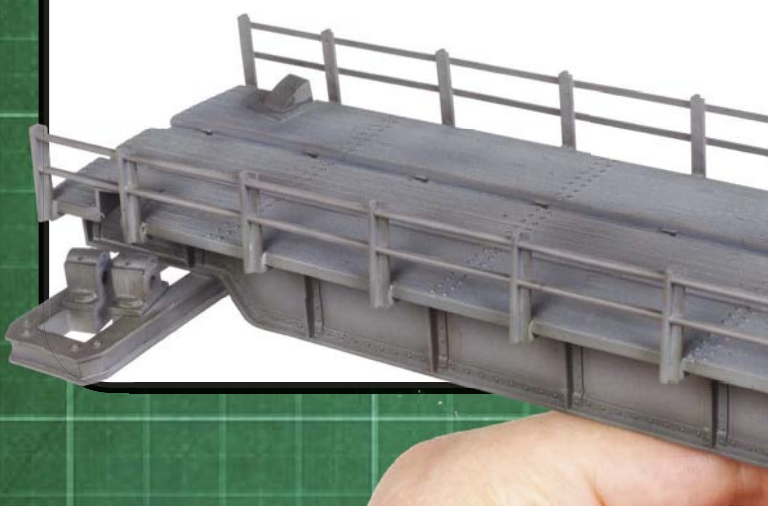
18



Imagine where dirt is likely to be washed by the rain. A quick 'waft' of spray under each of the handrail pillars can simulate years of dirt, washed under the deck by rain from the topside. Referring to photographs will provide inspiration. Books and Flickr are ideal.

21

Always spray under good lighting conditions and step away from the project occasionally, returning with 'fresh eyes'. Sometimes, shades don't look quite right, and rectification might be required. Here, I'm happy with the result. If you can, work under the same light as you'll use to light your layout.



13



Water-based paints are excellent for making rapid progress, but when airbrushing, the one downside is that it isn't long before the airbrush clogs, particularly when using a filler/primer. Disassemble and clean parts thoroughly between colour changes.

16



Lifecolor Soot (LPW 15) is useful for toning down surfaces and introducing grime. Think about this turntable in the steam era being exposed to drifting smoke from the nearby shed and the locomotives sitting upon it.

19



Further dirt can be concentrated on areas around the wheels. Here, a dirty oil and water emulsion is often secreted by cylinder purge valves when locomotives depart the turntable. The wheel bearings would also be greased.

14



Lifecolor Grigio Polvere (838) is used to paint the bridge. These paints require little dilution to achieve the 'milk-like' consistency required, but stirring is a must – shaking the bottle alone won't suffice. A broken file handle works well – it saves waste!

17



Dirt has a habit of accumulating on ridges and around areas of detail – rivets, for instance. The smaller airbrush is useful here, with the needle almost closed. Note the water trap, fitted to prevent excess dilution of paint through condensed water escaping the airline.

20



Dark Mold (UA 751) is sprayed across the model to further darken the shades of the light grey. It's closely followed by Comart Dark Rust (1215MDA) applied cautiously – regular coats of soot and dirt hide rust.

22

For painting the deck – arguably the easiest area, hence why I left it until last – I'm opting for a combination of three colours, used carefully. Wooden Deck Shadower (LPW19) for the most part, with Dark Mold and Old Peeled Deck (1703) highlights.



23



Wooden Deck Darkener dries to leave a thin film, fainter than when first applied. It requires a few applications before I'm satisfied. At least this way, there's little risk of over-application.

25



Metal details on the turntable well are painted a rust colour – Comart Dark Rust (1215MDA). The small airbrush is used, with a small spray pattern. Imagine where rain water would drain into the central well, creating rust stains.

28



Heavy weathering can now be applied, which harmonises colours. I'm applying Trans Smoke from Comart's range of airbrush-ready acrylics. Each bottle contains a metal stirring ball, and the nozzle makes dispensing simple, without waste.

24



The grey tone of the deck remains, but this is soon to be hidden under a thick layer of soot and smoke. If you mix your own colours and one doesn't look right, try to correct it now, not later through weathering, for best results.

26



Concrete laid in blocks soon accumulates dirt along joints. This increases over time, eventually leading to vegetation, and if left long enough, shrubs and trees will grow if conditions permit. Dark Mold is sprayed subtly freehand, the length of the lines.

29



The bridge is treated similarly, applying more of the Trans Smoke from Comart either side and between the newly-installed rails. The latter are sprayed with filler/primer, then Comart Dark Rust.

27



The centre of the well is hidden from the sun and receives all the rainwater, particularly if drains are blocked. It is treated to Vegetable Origin Damp Green (UA 749). Screws and screw holes are left – laser-cut drains or manholes are easily added, later.

30



Wheels are re-instated, the retaining pins installed – a tight push-fit. I'm not gluing these, such is the interference fit, besides, should they need to be removed in future for maintenance or repair, the task will be easier.

31

Installed in the well, the bridge is checked again for interference and smooth running. If wheels have accumulated specs of dirt from the spraying process, it might hamper operation, hence cleanliness of parts throughout is important. Keep a reference of colours used as they'll be required to blend the turntable to its surroundings on your layout, or future repairs. Job done! I'd really encourage you to try such a project. If you do, please share your results with us!



WORLD OF RAILWAYS



DIGITAL EDITION EXCLUSIVE

Airbrushing a Peco turntable

Join Howard Smith behind-the-scenes as he pauses airbrushing a Peco turntable, as featured in the August 2021 issue of BRM, to present tips.

WATCH THE VIDEOS HERE

(You must have a wifi connection to stream video content)



PLAY

HOW TO... MOTORISE A TURNTABLE KIT

Words & photography: Phil Parker

These impressive features of larger steam depots have long-interested modellers. Phil Parker constructs an accessible kit, while providing options for its control.



SHOPPING LIST

Frizinghall Models & Railways
Peco (LK-55 OO/HO) Turntable Kit
Manual Drive Kit For Peco OO/N Gauge Turntable
Kit
Electric Drive for Peco OO Turntable
W www.modelrailshop.co.uk



When you see a layout with a turntable at a show, the crowd often gathers. It doesn't matter how impressive the running or the length of the trains, the big kid in all of us loves to see a locomotive rotate. We'll pretend it's so we can get a proper look from all angles, but really, it's just fun to watch.

Real railways didn't turn locomotives for fun, but because a locomotive with tender runs better with the locomotive ahead of its water cart. From the crew's perspective, running 'tender first' had another disadvantage – poor visibility and coal dust in the driver's eyes. Furthermore, unless the line had locomotives with tender cabs like the S&DJR, they were relying on a piece of tarpaulin stretched over the gap to keep the weather out of the cab.

Diesels and tank locomotives didn't require this so much, but it wasn't unknown for them to be turned to even-out wheel wear on opposite sides of a locomotive, or rotate a diesel if it had a cracked windscreen

at one end. Even turning coaches was known, especially on coastal routes where they'd even out the heavy weathering from the sea. Better to let both sides weather evenly and postpone a repaint.

Turntables make roundhouses possible, where you can group a large number of locomotives in a small space, shuffling each one in and out in turn using a table in the centre with sidings radiating out, as our plan based on Old Oak Common on page 62 of this issue shows.

There are many different designs, but the most common involves a rotating piece of track – the bridge. The girder supports are under this in a hole called a well. At the end of the bridge are carrying wheels running on a circular rail.

The turntable is balanced so the wheels aren't always touching the rail – you can see them stationary when the bridge is moving. Ideally, the crew will park the locomotive so it balances the 'bridge' because it makes turning it much easier. On turntables

rotated by the crew pushing, that made a big difference!

In model form, we can push a turntable easily enough with our hands, but adding a mechanism to do this remotely looks far better and isn't difficult.

Starting with the common Peco kit, I'm adding a manual, then an electrical drive unit from FMR. Parts are largely Meccano, an excellent source of mechanical parts for modellers.

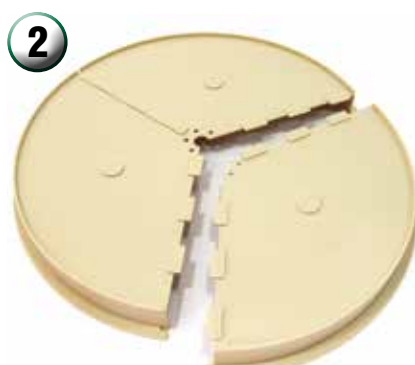
One limitation of both kits is that the tracks have to be aligned by eye. Devices to do this automatically are available but add considerably to the cost. Having operated a layout with eyeball track alignment years ago, it's not too difficult and most people soon get the knack of it, so don't worry too much. Fortunately, OO gauge is a little forgiving, too.

If your layout has locomotives with tenders, and you have space, a turntable adds another dimension to the operation. Just ensure your crew aren't dizzy!

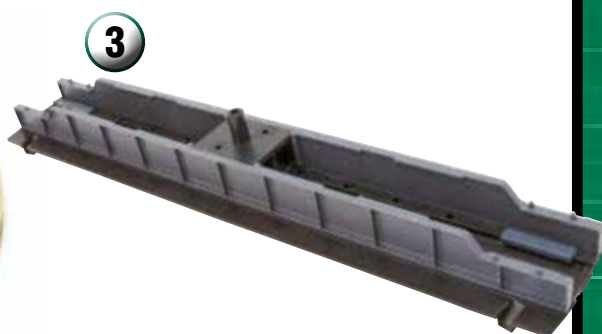
Building the turntable



Our Peco model is supplied as a comprehensive plastic kit and represents the Cowans Sheldon 70ft preserved turntable at Yeovil Junction. The detail has been simplified a little, but all the essential parts are there, and well moulded with no flash to clean.



How do you fit a 12in wide turntable in a 9in wide box? By supplying the well in three pieces. These interlock, and it's a frustrating job unless you have a spare pair of hands. I fixed two parts together with solvent, then eased them apart a little to add the third segment.



All the bridge components slot together nicely and are fixed with plastic cement followed by a wash of liquid solvent. There aren't many location guides, so it's up to the modeller to make sure the girders don't stick out beyond the end of the deck.



Expert Tip

The speed a locomotive can be turned, in reality, depends on a number of factors – the weight of the locomotive, whether the crew managed to park it in the middle of the bridge and the power used to make it turn.

The electric turntable at the NRM can rotate a 'Merchant Navy' around in a minute, whereas a few men pushing takes just under two minutes. Vacuum-powered drive seems to be about the same speed as manpower but could be as long as two and a half minutes.

How fast should a model turntable rotate? That's up to you, but I'd suggest 30 seconds looks about right for our miniature locomotives.

4



Code 100 rails slide into the chairs moulded into the deck, but before fully fitting, electrical pick-ups and springs are dropped into the holes. These transfer power to the track and are trapped in place by the rail. Don't let any glue near them, or the springing won't work.

5



Underneath, a pair of phosphor-bronze contacts are bent using pliers, then slotted into a bearing plate. Once installed, track power is fed into them from your controller to allow locomotives to move on the turntable.

6



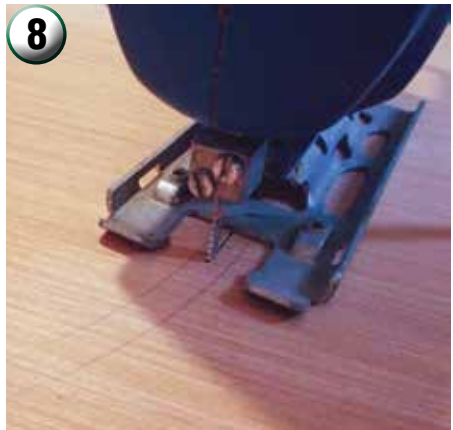
The end carriers are made with care, to keep glue away from the wheels and the steel axes they run on. I don't find these need help staying in the supports, but if yours aren't as tight, a dot of superglue on one end will be enough.

7



I don't own a compass large enough to draw a 300mm diameter circle so drew around the well moulding, then flipped it over and drew around the rim. The correct size for the hole will be somewhere between these two.

8



Using a jigsaw, I cut the baseboard, trying to stay close to the inner line. A little wobble won't matter as the rim is about 5mm wider than the well and will cover any less-than-perfect woodwork.

9



Dropped in the hole, the turntable looks great. My board is a flat 9mm thick piece of plywood but if yours isn't spot on, ensure the deck is level in all directions by using slips of card under the rim of the pit.

Manual mechanism

10



Peco mentions the turntable can be made to work using Meccano, but doesn't add more detail. Fortunately, Frizinghall Model Railways can supply the parts as complete kits. First, we look at the manual version, which allows the turntable to be operated up to 12in from the edge of the baseboard. If your board is wider, an extension kit is available to help.

11



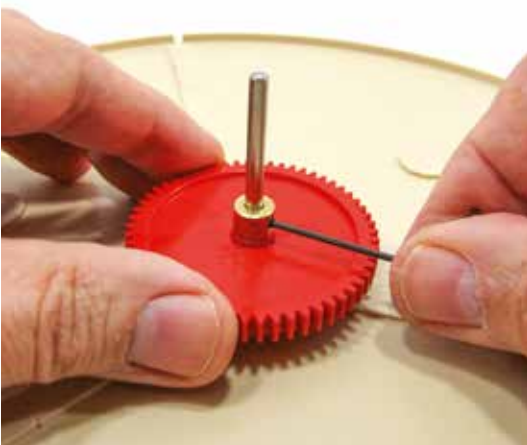
Reading the instructions, my first question was, "What is a trunion?" It's the angled plate with a triangular side. These bolt to a flat plate, supporting the worm drive end of the shaft.

12



A steel rod has to be fitted to the turntable bridge – a job that would have been easier before assembly. It can be pushed into place without glue, but check the table still rotates freely afterwards. I had to ease the hole in the bearing a fraction to achieve this.

13



A satisfyingly large plastic gear is fitted and a grub screw – the Allen key to do this is helpfully included in the kit.

16



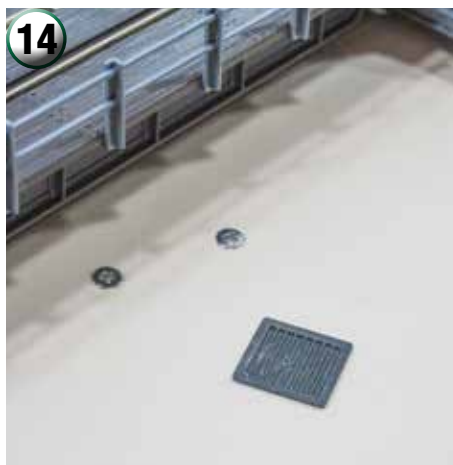
At the baseboard edge, the operating rod emerges through a 4mm diameter hole. A square plate is screwed in place to act as a bearing. The rod can be cut to length with a junior hacksaw and the handle assembled and fitted.

19



Here's the setup I ended up with. When gears are removed, spacers have to be added to the drive shaft to stop gears slopping around. No glue is required with this and I added a slight smear of grease to reduce the noise.

14



The mechanism is attached to the turntable well with a few small bolts. 3mm diameter holes are drilled, then countersunk so the bolt heads are flush with the surface. Once you're happy, fill these with Plasticine and paint over them. That way, you can still remove them if required in the future using a screwdriver.

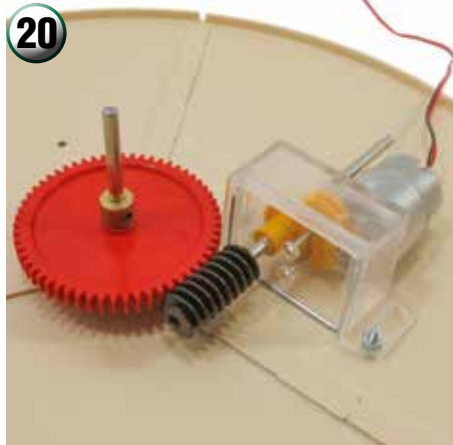
Motorised mechanism

17



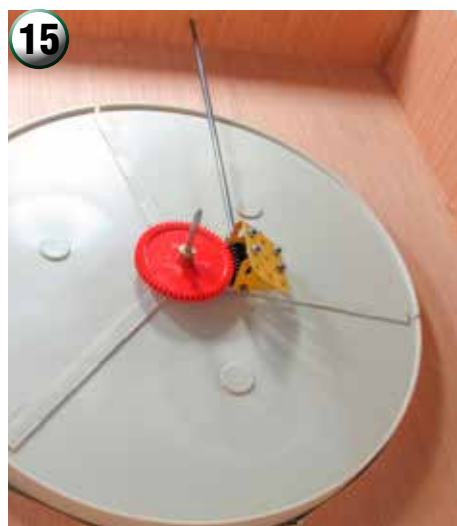
If you prefer electrical power, a kit is available but this time you have to choose between OO and N and the final drive wheels differ in size. A switch and power supply (I used four AA batteries) must be provided by the modeller.

20



In the same way as with the manual setup, the gearbox is attached with small bolts to the turntable well. Sadly, they aren't at the same position as those for the manual drive – we'll fill the excess holes later. It's important to get a tight mesh. Luckily, having coarse gears, absolute precision isn't essential.

15



Looking underneath, you see the simple mechanism. The coarse gears aren't likely to need much maintenance other than a thin smear of suitable plastic-safe oil.

18



The basis of the kit is the well-regarded Clearbox motor and gearbox unit. These are popular in larger scales for battery-powered locomotives, so should would work for a long time powering a turntable. The speed can be adjusted by adding or removing gears. FMR recommends four – a compromise between whirling around like a roundabout and waiting forever to turn a locomotive.

21



An on/off switch is required and if you don't fancy soldering, FMR can supply one from its 'Plug-It' range – the motor is already fitted with suitable plugs for this. Flick the switch and away you go. Job done!

• Trade in with Hattons for payment within 1 or 2 days of your items arriving with us! •



Use our self-service tools to list your collection quickly and easily online!

We purchase all manner of items:

LOCOS &
ROLLING
STOCK

GARDEN
RAILWAYS

DIECAST
VEHICLES

UNBUILT
PLASTIC
KITS

So why choose Hattons?

- 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

**WE PAY
STRAIGHT AWAY!***

*Same day payments apply for collections received Monday to Friday before 2pm. Any collections received after 2pm will be paid on the next working day. Please note: In the unlikely event that we revise our offer price for your collection, you will be paid after responding to our offer. For full Terms and Conditions, visit hattons.co.uk/preownedterms

Get cash for your items in just four easy steps...

1



List

Prepare & submit a list of your items online or send spreadsheets, documents or photographs to us via our website.

2



Offer

Our expert staff will review your list and create your bespoke valuation.

3



Send

Once the offer is accepted, send your items to us.

4



Pay

Items are checked, the offer confirmed and payment made via **Bank Transfer, Cheque or PayPal**.

Start your trade in today at:

PRE-OWNED MODEL ITEMS FOR CASH

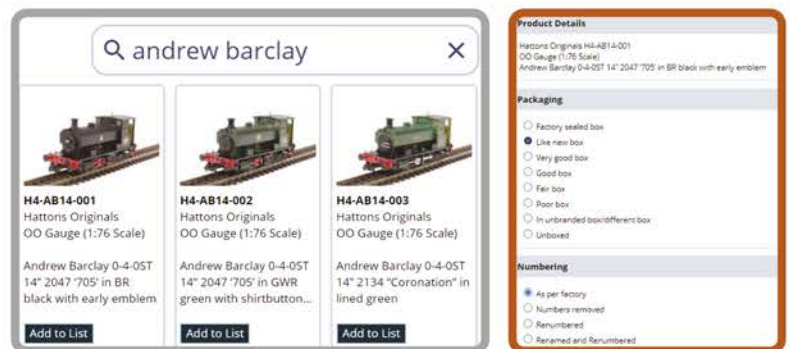


We purchase a wide variety of brands, including...



The easiest way to put your
list together...

Utilise our extensive product
database and preset item
conditions to quickly
and easily compile your list.



Take our 60 second quiz and immediately learn if
we can make an offer on your collection!

www.HattonsModelMoney.com/quiz



Get in touch with our friendly team...

Call us on: **0151 305 1755**
Phone opening times: Mon to Sun 9:30am - 5:30pm

Email us at: preowned@hattons.co.uk

17 Montague Road, Widnes, WA8 8FZ



www.hattonsmodelmoney.com



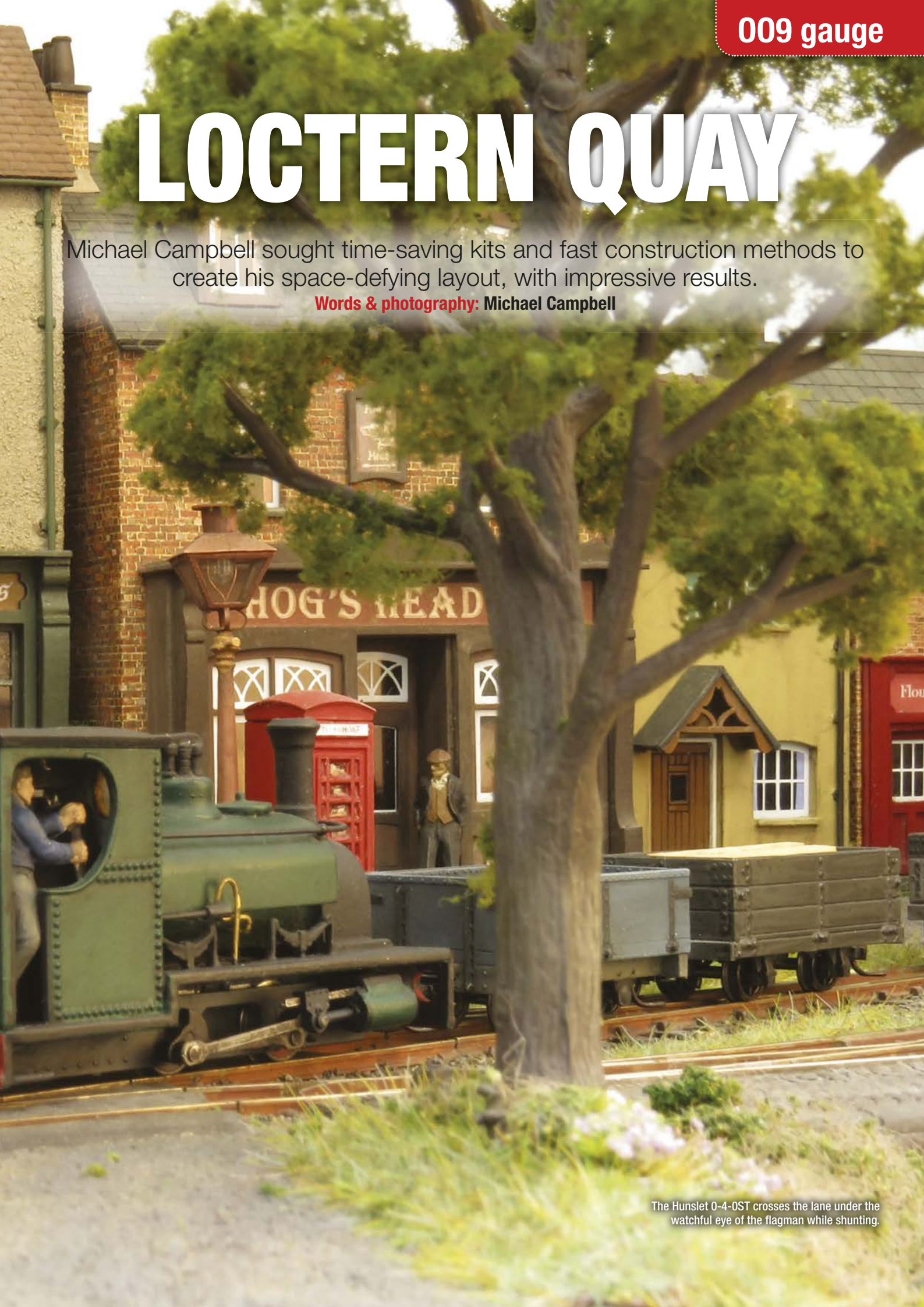
Factfile

Layout name: Loctern Quay
Scale/gauge: OO9
Size: 2ft 6in x 1ft
Era/Region: Pre-WWII / fictitious
Layout type: Fiddle yard to sidings

LOCTERN QUAY

Michael Campbell sought time-saving kits and fast construction methods to create his space-defying layout, with impressive results.

Words & photography: Michael Campbell



The Hunslet 0-4-OST crosses the lane under the watchful eye of the flagman while shunting.

I like the charm of narrow gauge railways, and I've been modelling in OO9 since my teens. I like micro-layouts, which is just as well given I have little space for larger projects. It seems I am also a sucker for a layout building challenge, having entered those run by the EXPO Narrow Gauge show several times in the past. I enjoy that the constraints on space and timescale require some ingenuity if a satisfying result is to be achieved. 'Loctern Quay' came about because of a OO9 Society challenge to use two small baseboard kits from Norfolk Heath Works, one of which has a sector plate. Although this dictated the small size, I wanted operational interest without having shunting moves go off-scene, within an attractive and believable scene.

Initially, I struggled with the length of the sector plate relative to the overall layout length of just 2ft 6in, so, eventually, shortened the sector plate by an inch.

I'd pictured small warehouses and a village street surrounding the tracks, hiding the fiddle yard and disguising the small size of the board, but the track positioning and clearances would be critical, so I mocked-up

the plan full-size with paper track templates and cereal-packet card buildings until I was happy it would work.

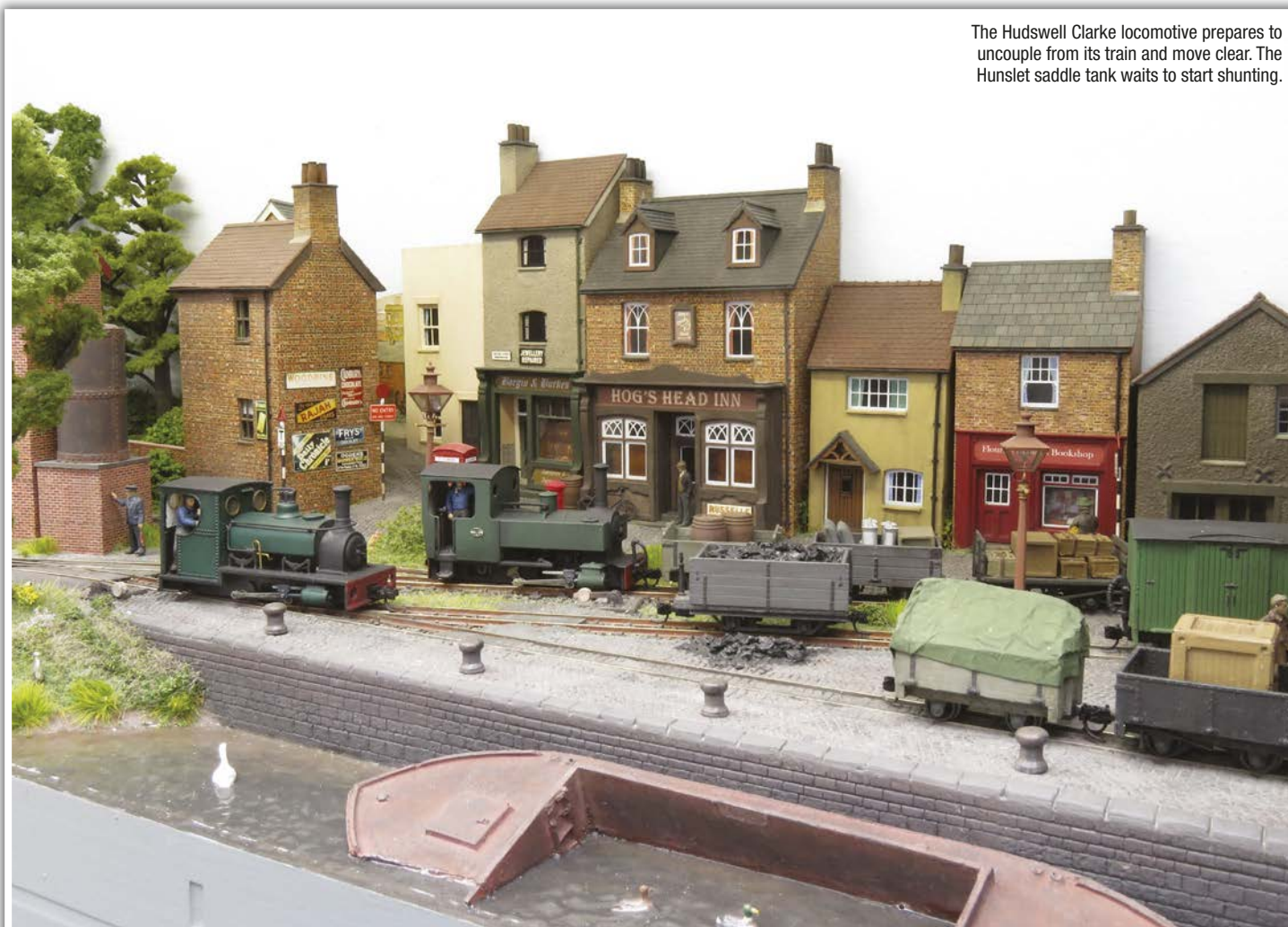
The two small laser-cut baseboard kits were assembled and glued together as one – it's still a small layout. However, I wanted the layout to be well-presented with a backscene, so a piece of MDF was cut to fit the rear and ends, with bracing outside the ends, and 'wings' to neaten the front corners. I added some short legs, which hinge down from the ends, raising the layout about 8in, making for easy viewing when on a table. I also added a lighting pelmet, which hinges up 30 degrees to increase the viewing angles, and overhangs the front of the layout to ensure good light coverage. I use natural white LED strips, which have a better colour balance than the usual warm or cool/daylight colours. The backscene was painted pale blue, and all the external faces of the layout structure painted grey for a neat appearance.

Trackwork

Short wheelbase four-wheel locomotives in smaller scales can be prone to stalling on dead-frog points, so I had designed the

layout to use the 12-inch radius live-frog Peco points rather than the smaller set-track points that have dead frogs. They are operated by Seep point motors, which also take care of the frog switching, so continuity doesn't depend on the blades. Switches for the points and track isolation are set into the front of the baseboard arranged in a mimic panel, which makes for very simple operation. I use old (but excellent) KPC or AMR hand-held DC controllers, which give good slow speed running.

The sector plate is hidden at the back of the layout but it is operated from the front. It doesn't need access in operation but I did need to move it between the two tracks with self-alignment. I made up a simple latching mechanism. Each track has a brass pin protruding below the deck, which engages into a notch in a sprung aluminium arm under the baseboard, giving both reliable alignment and electrical power to the selected track. The sector plate can be operated via a dowel from the front of the layout. Although largely masked by the buildings, both the sector plate and the space behind it have been given basic scenic



The Hudswell Clarke locomotive prepares to uncouple from its train and move clear. The Hunslet saddle tank waits to start shunting.

Aerial shot showing how the sector plate is hidden; it moves into the factory on the left, and is scenically finished to blend in.



treatment. A wall disguises the rear edge of the moving plate and a row of trees fill the otherwise empty sky.

Buildings made easy

The problem with the urban scene I had planned was that I only had a little over six months to build the layout – and making buildings takes a lot of time. A few months earlier, I'd come across the Petite Properties stand at a show. The manufacturer produces a range of laser-cut building kits. I'd bought one to try, and found it made up into a nicely-detailed characterful building without taking an age – here was my solution, so I ordered a selection. The kits have a wood carcass, with doors and window frames cut from card, and printed glazing, but the finishing is left to the builder. I've used brick-papers, which are sprayed with matt varnish, but also fine sand and talc for different rendered finishes.

I spent time getting roofs to look better with York Modelmaking slates or using Wills plastic sheets, and adding details such as lead flashing from thin grey coloured paper, gutters from 0.040in plastic strips with the lower front edge rounded, and plastic rod downpipes. I also scratch-built a few buildings to fit awkward sites from card and foam-core board in a similar manner, but the corrugated iron warehouse at the end of the quay is built from Plastikard.

The buildings had been selected to give an interesting composition, as well as to fit the scene. I find the ground levels and textures are as important as the buildings; constructing the road and some of the buildings on layers of card and polystyrene added a little height to the scene.

The roadway and quayside with the inset tracks were given a layer of DAS clay, which was embossed with square sets and round cobbles using simple homemade tools made from Plastikard and plastic tube, with the track flangeways cleared. The lane at the front was made from fine sand – the sort sold for children's play-pits is ideal. The little remaining ground was treated to static grass and ground foam. The base of the river was painted brown, darkening as it gets deeper, and coated with gloss Modge Podge acrylic varnish, which was stippled for ripples.

Small layouts are great for detailing, although it is easy to over-crowd such a small scene. I couldn't resist the sunken barge from Anyscale Models, and a few selected figures and animals from Monty's Models and Dapol.



The Hunslet draws a train through the street while the Bagnall shunts wagons on the quayside. Model architecture serves as a backscene.



The head-shunt squeezes past a small factory and a terrace of houses. Both are kits from Petite Properties, finished with brick paper. The factory is hollow to accommodate the sector plate.

Rolling stock

Like most modellers, I have built up a collection of locomotives, but for 'Loctern Quay', I use smaller industrial types and sometimes tramway-style locomotives with skirts covering the motion, which fit well in the street scene. They are mostly kit-built, although some ready-to-run models, including some from Minitrains are used. The Minitrains chassis are excellent runners, and are used under

some kit-built models, too. Wagons are all built from kits by Dundas, Meridian, and the OO9 Society. Operation needed the wagons to be uniquely identifiable, so I have a range of wagon types of similar size, some painted different colours, or given different loads or tarpaulins, to make them individual. The locomotives and stock are weathered with washes, dry-brushing, and weathering powders to varying degrees – as are buildings and scenic details – adding



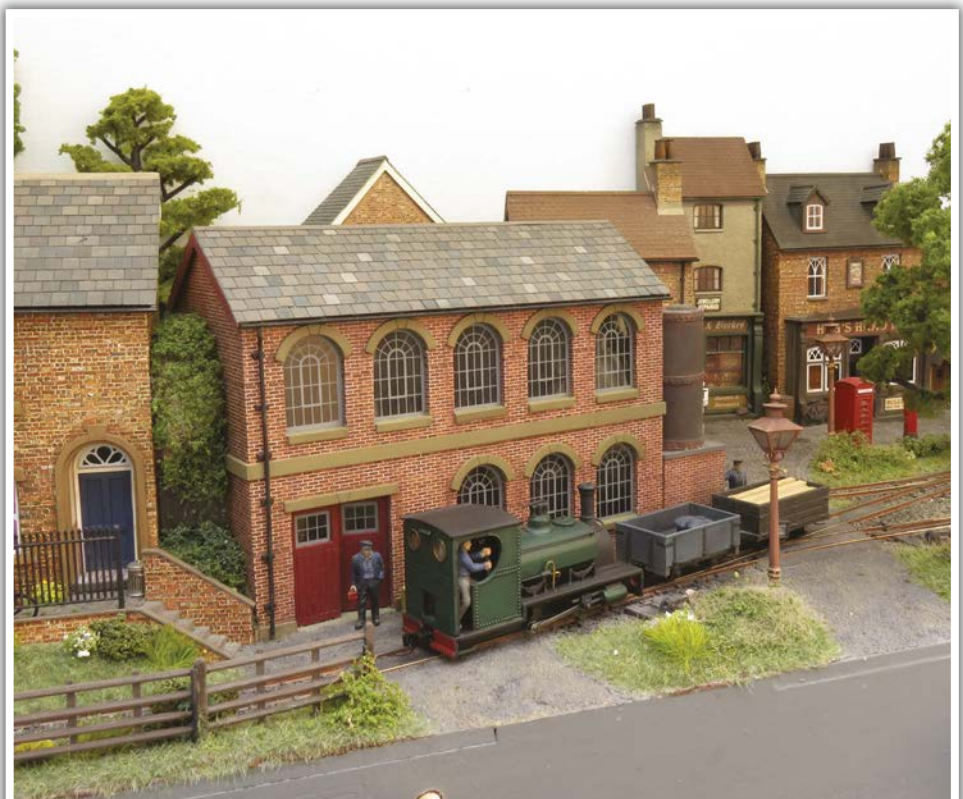
The protected Simplex petrol locomotive was purchased surplus after the Great War. The model is a Meridian kit on a Tomytec chassis.

shadows and depth to the models.

Entertaining operation

One of my aims was having interesting operation, and this is achieved by using an 'inglenook' shunting puzzle plan formed of three sidings, and a photographic ID card for each wagon. A train of four wagons is propelled from the sector plate to the rear siding, the locomotive uncouples and sets back between the buildings. The cards for the incoming wagons are shuffled with those for the wagons in the sidings and a new set of four is dealt. The fun part is using the shunting locomotive to make up the new train, in the order dealt, in the rear siding, constrained by the lengths of the sidings and the head-shunt. Sometimes, this is surprisingly difficult. When the train is ready in the rear siding, the locomotive advances to collect it and returns to the sector plate, whereupon the second train arrives from the other sector plate siding, and the process repeats.

The wagon picture cards are displayed in front of the layout on a simple stand,



The Hunslet shunts wagons over the lane and past the small factory. A tree and foliage placed between the houses and factory hides the view of the sector plate from gazing onlookers.

showing the process, and this seems to engage the interest of viewers in solving the puzzle, as well as the operator.

Shunting layouts depend on good slow-speed running and reliable couplings. I use Microtrains N-gauge buckeye couplings, which allow delayed-action remote uncoupling. To achieve this, there are magnets set into the sidings. There's also a magnet that swings up under the entry track for uncoupling, and out of the way for coupling up, operated manually by another dowel. Reliable running is achieved by coating the rails with graphite, using a 2B artist's graphite stick. Being conductive helps with contact at slow speed and over points, plus it seems to prevent the build-up of dirt on both the rails and the locomotive and stock wheels. I've been using this technique on other layouts for several years, and track and wheel cleaning are no longer necessary – just an occasional application of graphite. As a further bonus, the rail head takes on a steely grey appearance.

Not only did I manage to complete the layout within the deadline, but the result is also what I'd hoped for – an interesting scene with entertaining operation, despite the small space. It is easy to display and operate at home, and even managed to get to an exhibition just before lockdown. Even better, it won the competition. Now I must get back to building my other layout and stop being distracted by challenges.



The factory foreman is puzzled by the delivery brought by the little Bagnall. What could it be?



An overhead photograph shows the location of buildings and track on this compact scene, while highlighting the size of the sector plate in relation to the size of the layout.



The flagman holds the coal lorry on the lane as a train is propelled on the quay between the buildings. Note how effectively the buildings and the water tank hide the fiddle yard. The wall behind the locomotive cab is along the rear edge of the sector plate.

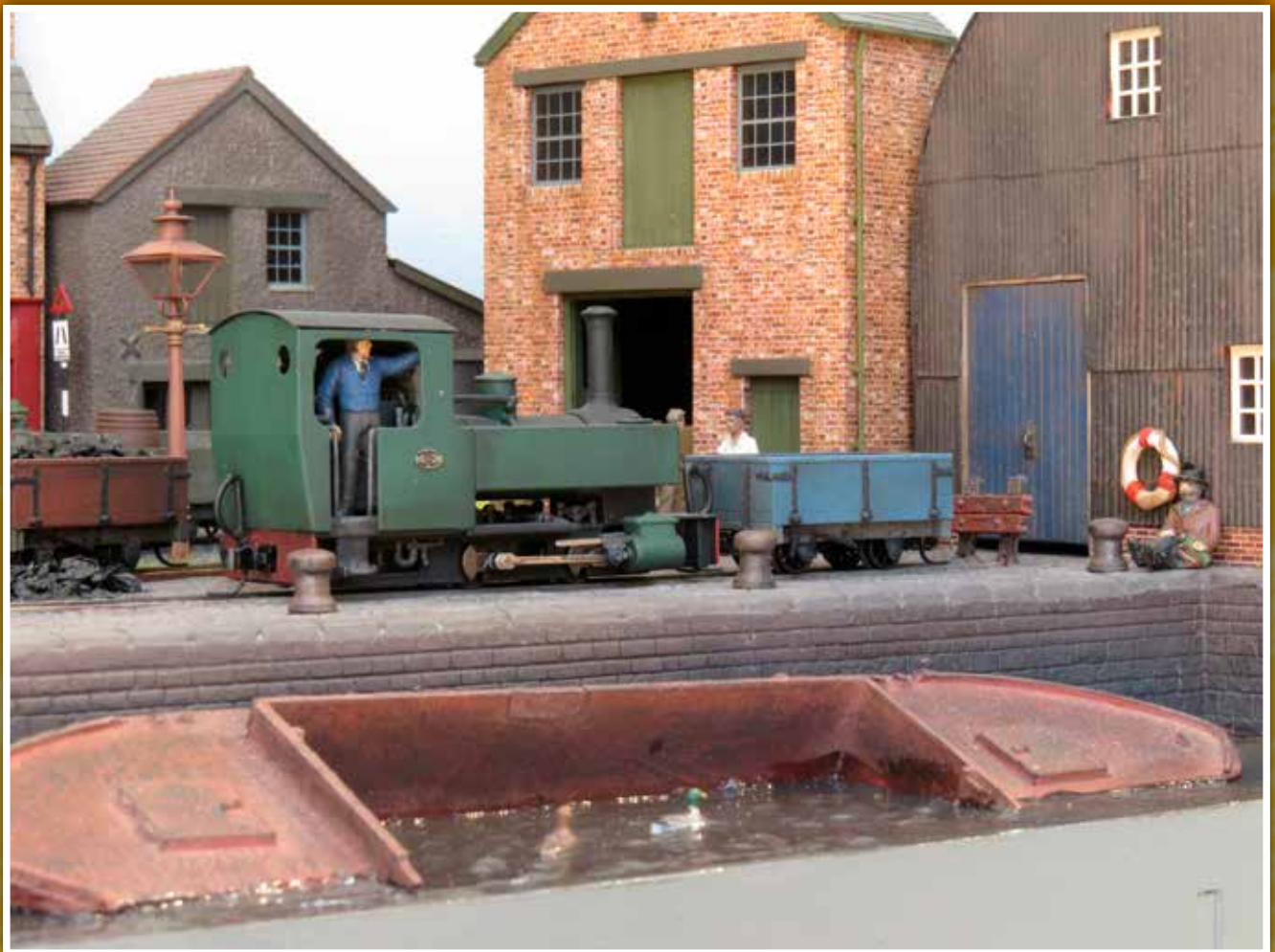


While the Hunslet prepares to depart with a train, the driver of the Bagnall seems to have gone for a break.



**DIGITAL EDITION
EXCLUSIVE**

**CLICK AND SWIPE IMAGES
TO SEE MORE**



HOW TO... BUILD A CAMPING COACH

Words & photography: Phil Parker

Hornby's pre-grouping coaches are now on the rails of many layouts, though as Phil Parker proves with this adaptation, they look equally attractive off-rails, too.



Have you travelled in a vintage train on a preserved railway? Did you wonder where the coaches came from? Would you be surprised if the answer could be eBay?

It turns out there are quite a lot of old coach bodies lying around the UK, and people now recognise their heritage and value. Some find their way back to rails, but many others are being restored as holiday lets. The perfect getaway for the railway enthusiast and their family.

This month's project was inspired by photographs of such a let in Dorset. Obviously, I was carrying out research and not dreaming of a holiday, or at least that's what I've told my boss. It provides a lovely prototype that could fill a corner of a layout.

As a tribute to the recent entrants of our Cakebox Challenge, my diorama is restricted to the same eight-inch square baseboard that they worked with. Let's face it, if the scene fits in that space, it's going to work

perfectly somewhere larger, so you could build a version in an odd-shaped corner of your layout.

The trouble with prototype inspiration is that the more you look, the more you see. I had intended to keep things simple and place the Hornby model in the corner of the scene, perhaps on a short length of track. I'd need to change the interior, but that would be it.

But, this isn't how the real thing is, because it sits on a simple cart structure, so my chassis had to be replaced with something similar – thank goodness I stocked up on whitmetal cart wheels from Langley Models at a show a few years ago!

Looking at the roof, it has been extended upwards, so I felt I ought to have a go at

that too. Then, there's the livery. At present, the coach is painted blue, but in the past, it sported GWR colours. Could I replicate these? There was only one way to find out.

Finally, it requires people, and as Howard would say, what better than a model barbecue? Except that no one makes one in 4mm:1ft scale. You can't purchase scale food either, so more entertaining challenges, but then, that's what makes the hobby fun.

Once I started looking at these coaches, it turned out there are lots of them dotted around the UK. At least one was bought via the popular auction website, which has had me looking at the garden, and thinking we need a new shed...

SHOPPING LIST

Auhagen
(99030AU) Workers Mobile Hut
W: www.langleymodels.co.uk

Hornby
(R40057) GNR, four wheel coach
(R537) lineside fencing
W: www.uk.hornby.com

Merit
Stone Walls and Buttresses
W: www.peco-uk.com

ModelU
(1713) Boy
(1714) Man
(1715) Shop keeper leaning
(2802) Stove with kettle and coal scuttle
W: www.modelu3d.co.uk

ScaleModelScenery
(LX013) Park Benches
(LX028) Picnic Benches
(LX070) Table & Chairs
(LX079) Trestle Tables
(LX166) BMX Bikes
(LX248) Railway Platform Access Steps
W: www.scalemodels scenery.co.uk



My raw material is a Hornby four-wheel coach. You could use any make of generic coach for this project, or a Ratio (501) Grounded Coach Body kit, if you don't want to convert a new RTR model.

2



As well as a coach, I want a travelling van and have an Auhagen German workman's caravan to hand. It will need new wheels, and these come from the Langley Models' spares pots sold at exhibitions.

3



The roof supplied with the kit is covered with felt, but a travelling van is usually corrugated iron, because being hauled by a traction engine, it has to withstand falling hot cinders. Using Wills clear corrugated glazing, which bends much more easily than its normal sheet, I model this by sticking it to the existing part, then trimming to size when the glue has set.

4



Underneath, I keep things simple with some 1mm thick Plastikard supports for the wheels. These fit on plastic rod axles. It's glued solid because I don't plan to wheel the model around.

5



With the two main features for the scene now available, it's a good idea to try them on the baseboard to make sure everything is going to fit and look right.

6



Work on the coach starts by stripping it down to its component parts. The chassis can be unclipped from the body by sliding a fingernail along the joint. If fitted with lights, these unscrew from the roof, although you may wish to keep them to light up the camping coach interior.

7



Removing the glazing isn't hard, even though it is glued in place. Slide a thin blade between the clear plastic and coach side, and twist gently to break the glue joint. After this, push the glass out with your finger from the outside. Don't push with anything sharp or you might scratch the plastic.

8



I want to repaint my coach, so it has a bath in Precision Paints' Superstrip re-usable paint stripper. It's important to use a chemical safe for use on plastic, or the model might melt. A short dip is all it takes for the paint to lift off cleanly with gentle rubbing using a stiff brush.

9



After stripping and a long rinse with clean water, the body is set aside to dry. Watch out for the thin metal door grab handles, they are very fragile. Fortunately, I don't need all of them, as they all snapped off on the other side.

10



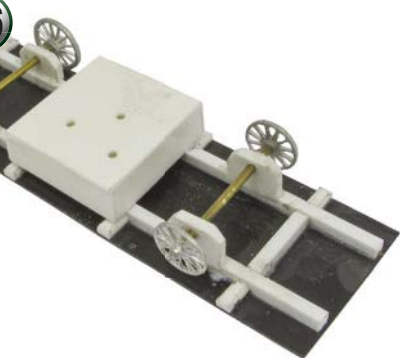
At one end of the real coach, the roof has been raised by about 18in. Using some 1.5mm thick plastic, I replicate this. Draw around the ends of the coach to match the roof curvature, then fix in place using an ABS solvent, because normal glue won't touch the Hornby plastic.

13



As the coach roof is fixed, the interior needs to be built using Plastikard on a solid floor that can be inserted through the bottom of the body. Check it will fit before progressing further than this stage, and allow for the glass and lighting unit, if fitted.

16



The undercarriage is scratch-built as a best guess using plastic strip and more Langley whitmetal wheels. Holes are drilled in the storage box so that any solvent inside can escape. Sealed boxes can deform over time thanks to the trapped fumes if you don't do this.

19



Dry-stone walls from Merit look a bit plasticky straight from the packet, but given a coat of Humbrol stone colour followed by a wash of dark brown, the result is satisfactory, apart from the square corners – heaven knows what you'd use them for!

11



More corrugated iron roofing – this time using Southwestern Finescast plastic. It's quite thin and cockled a bit when stuck with the ABS glue directly to the Hornby roof – superglue would be a better choice.

14



Detail inside is limited because it's not that easy to see through the windows. The woodburner is a ModelU signal box stove, pretty much the only thing available on the market for this job. Seats are laser-cut, except the ones at the end, which are chopped from the original Hornby moulding.

17



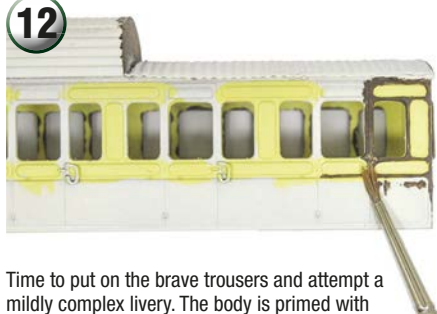
On a small diorama, it can be difficult to keep the edges of the scene neat – but if you do, it makes the model look so much better. With this in mind, I start my groundwork with strips of square balsa to provide a firm – but easy to carve – edge.

20



Along one side, I use Hornby lineside fence. To follow the landscape, this has to be cut into short lengths, and if needed, horizontal bars are taken out. The posts are fitted into holes with PVA glue, and the separate lengths stuck to each other with plastic cement.

12



Time to put on the brave trousers and attempt a mildly complex livery. The body is primed with white aerosol and then the panels painted cream. This deliberately isn't the correct GWR colour, as this is a freelance model. Painting the raised areas is easier if you hold the brush almost flat on the sides and stroke it along.

15



To allow our visitors some privacy, the bathroom windows are frosted with several coats of matt varnish sprayed on the inside of the glazing unit. A few coats of ABS solvent would also do the job as it will attack, then fog, the plastic.

18



Next, a little wall filler is built up and covers the wood. Once dry, this is sanded to provide a smooth surface for the scenery using 80 grit sandpaper. Work outside, this is a messy job. Check the coach and van will still stand on a flat surface where they are planned to be fitted.

21



The grass will be well mown and tidy, so a layer of PVA is laid down and then covered with Woodland Scenics' Blended Turf scatter material, carefully pressed into the glue. A little lighter colour is sprinkled in to add variety, but this is more garden than scruffy ground.

22



I can't resist adding a little static grass on the lumpy bits – maybe the mower doesn't get up here so easily. This is puffed on using hair spray as glue. The trees are Seafoam, often sold as 'Forest in a Box', sprayed with lacquer, and sprinkled with a coarse scatter material.

25



As far as I can tell, no-one makes a barbecue, so I've copied the prototype by using half an oil drum – a Ratio kit, hollowed out – with legs from thin brass wire superglued to the side. I'll fill it with finely crushed coal after painting.

BBQ table – what we used

Salad: A mix of fine and coarse scatter materials.

Meat: Slices of Slater's 1mm diameter brown colour Microrod for the burgers and short lengths of fine rod for sausages. Serve on Plastikard plates made using a 4mm diameter leather punch, which not only produces perfect circles, but also slightly dishes them.

Drinks: A Kibri bottle crate with a few cut away using a sharp knife so it looks like they have been drunk.

23



To get our campers into their carriage and hut, we need steps. ScaleModelScenery's kit is for metal steps, but flip the treads over and they pass for wood. A handrail is cut from spare bits of the laserboard fret, and the kit is painted dark brown.

26



Modern figures aren't common, but fortunately, ModelU has a few in its range that fit the scene. The trick is to ignore the descriptions and imagine them on your model. For example, 'mum' in this scene is supposed to be working in a pub, but she can just as easily be leaning on the table supervising the food.

24



All the outdoor furniture is made from laser-cut kits, assembled with Roket card glue. With care – apply the glue using the end of a small screwdriver – the results are neat enough not to need painting. Handy, as the colour is pretty good for new wooden furniture, so no painting is required.

27



It's a lot easier to handle figures while painting if they are stuck to a piece of wood such as a lolly stick. Use superglue and the joint will be strong enough while working, but easily broken with a sharp knife when you are ready to plant them in the scene.



GROUNDNED COACH BODIES

Despite their age, many grounded pre-grouping coaches can be found nationwide. Here's a selection of prototypes to inspire your next model.



The Train shed is Charles Gardner's 1876 LSWR saloon, offering a luxurious dining room for holidaymakers who don't fancy cooking in the camping coach. He restored the woodwork over a long period to this stunning finish. CHARLES GARDNER



Inspiration for Phil's project came from this London Brighton & South Coast Railway carriage in Dorset. Originally owned by actress Billy Whitelaw, it was bought by the current owners in an estate sale, complete with its unusual cart underframe and raised roofline. For some reason, the carriage had been reduced by one compartment – perhaps it remains somewhere waiting to be discovered? CHARLES GARDNER





How do you move an LSWR carriage? Use a lorry fitted with a hiab crane, of course. This would make another terrific, and unusual model for someone.
CHARLES GARDNER

Longhill Carriage was once part of a house in Devon. This 1882 Lancashire and Yorkshire Railway Birdcage coach was destined for demolition before being saved, restored and together with a BR van, is now let out as glamping accommodation. CHARLES GARDNER



Back in spring 2018, Howard and Phil visited the North Norfolk Railway, where this carriage is preserved as part of a cottage. For a mere £5.00, workers could have a carriage delivered to their plot of land. Many were later built into cottages.

Chris O'Donoghue, whose layout 'Castle Quay' appeared last month, works from a replica carriage built at the bottom of his garden. Can you imagine a better railway room? CHRIS O'DONOGHUE



Useful Links

LBSC and LSWR coaches: www.campingcoach.co.uk
Longhill Carriage: www.longhillcarriage.co.uk
North Norfolk Railway: www.nnrailway.co.uk
Chris O'Donoghue: www.chrisodonoghue.co.uk

WORLD OF RAILWAYS



DIGITAL EDITION EXCLUSIVE

Grounded coach cottage

Phil Parker talks with Daisy Robinson of the North Norfolk Railway about the preserved pre-grouping grounded coach body on site, showing life in a different era.

WATCH THE VIDEOS HERE

(You must have a wifi connection to stream video content)



PLAY

RAILWAY CARRIAGE COTTAGES



Social historian and Education Manager of the North Norfolk Railway, Daisy Robinson, explains how redundant railway coaches found new uses as dwellings across the country.

Those of a certain age might have memories of slow country summer journeys of the early 1970s, the car interior smelling of hot plastic, and through the open windows it wouldn't be uncommon to pass curiously shaped dwellings on well-maintained plots with 'chocolate box' gardens. These cottages were what remained of a now virtually forgotten part of Britain's early social housing - the Railway Carriage Cottage.

Looking back to the late-Victorian period, redundant railway carriages could be purchased relatively cheaply and sited on both rural and coastal plots, providing the financially comfortable, if somewhat bohemian city dweller with a cheap holiday

cottage. With no planning regulations inhibiting development and settlement, carriage cottages could be placed amongst the dunes or on picturesque rural plots, and by the early part of the 20th century, many areas of the country played host to small developments of temporary holiday homes, often extended and built around as to hardly resemble their humble origins.

After the Great War's pressure to produce enough food for the nation was removed, the farming industry continued its pre-war decline and the value of agricultural land fell. With plots of marginal land selling for £1 an acre, the unemployed returning soldiers anticipating Lloyd Georges' promised 'land fit for heroes', found that these plots became

a way of obtaining an independent living, and embraced the 'Plotland' movement.

For a budget of £5, a redundant railway carriage could be purchased, delivered by horse, then sited on the plot to provide a stable and dry basis with which to form a home. The magazine 'The Woodworker' even published plans and suggested layouts to help the new home owner with a conversion. One carriage with small extensions could house a family, whilst two carriages placed in an 'L' shaped, or parallel to each other with a pitched roof between would provide far greater scope and privacy.

The 'gap' between two carriages could be as small as 4ft and act as a corridor between the two carriages or far larger and provide

ON EXCLUSIVE

further welcome additional living space.

Externally, the carriage exterior could be painted or clad with little of the original carriage visible.

Internally, the carriage dividing walls would often remain intact. Smaller rooms are easier to heat and furnish, and a single, small solid fuel range or stove was often the sole source of heat for the entire dwelling. This could be flued through a window with the glass removed, or in the case of a range, used for cooking and an external chimney would be constructed.

If the cottage was close enough for connection to basic utilities, a single cold-water tap would serve a stone sink in the kitchen or scullery area, however, water would be more likely to come from a well in the garden, or in very rural areas from a stream. Having no hot water 'on tap', personal washing would be heated in a kettle, and the weekly laundry washed in a 'copper' which was housed in a separate, often timber-shed style building to avoid condensation in the home. Heated by an independent fire below, the 'washday' for the housewife was exactly that and required planning and weather watching. Once 'boil washed', excess water would be wrung from the garments using a cast iron mangle, usually placed outside the wash house and once a regular feature of many back yards.



Beyond the confines of the kitchen, a small pantry. Note rabbits hung to cure, canned foods and bottom left, large cereal storage tins. Details for the inside of your model?



A wooden-bodied grounded coach lingered just a few hundred yards from the sea at Skipsea, East Yorkshire in 2009. Two years later, the coach had disappeared. Note the use of doors to surround the chimney flue. DAVID SMITH

The large galvanised tub which spent most of the week hanging outside on a wall would be brought in once a week for bathing. This would take place inside the scullery if large enough to avoid unnecessary mess in the living space. The water would be heated in the washing copper and carried inside by large jugs - another task which took planning and co-ordination, with each family member

taking their turn in the bathing queue. Finally, the dirty and tepid water would be carried one jug at a time to a water butt outside or decanted away via the sink if a domestic soak-away had been installed.

Sanitary arrangements would consist of a 'bucket and chuck it' housed inside a timber out building and the siting of this was very much dependant on the method of disposal.



Pagham Beach in West Sussex has a number of railway cottages, but it's easier to identify them from the rear. This Victorian carriage grounded in the 1920s is protected by the almost obligatory pebble dashed finish for weather protection and isn't completely disguised by later additions. CLIVE BARKER

the 'gap' between two carriages could be as small as 4ft and act as a corridor between the two carriages or far larger and provide welcome additional living space.

It would be placed as far away from the living quarters as possible, usually surrounded by lavender or other large and fragrant shrubs, coining the expression the 'shed at the end of the garden'. However, if the dwelling was on the route of the 'honey cart man', the back of the 'privvy' would need to be accessible for the frequent emptying of the pail closet.

The average smallholding plot would contain a range of wooden outbuildings, usually built from materials that could be found, 'borrowed' and re-purposed. These would provide shelter for livestock, as well as housing all the tools required to maintain the plots and repair the home and its contents. The care and maintenance of these were in addition to working full time. If it broke, it needed to be fixed, life for a railway cottage dweller was very different from that in today's 'throw away' society.

So, what of these railway carriage dwellings today? Some still stand in reduced sized plots, dwarfed by new developments built on once productive gardens. Others are heavily extended, renovated and refurbished to provide luxury accommodation for today's holiday maker. Some lay crumbling and overgrown at the bottom of gardens and a lucky few have been rescued by preservation groups, restored to their former glory and once again carry passengers behind steam locomotives along railway lines.



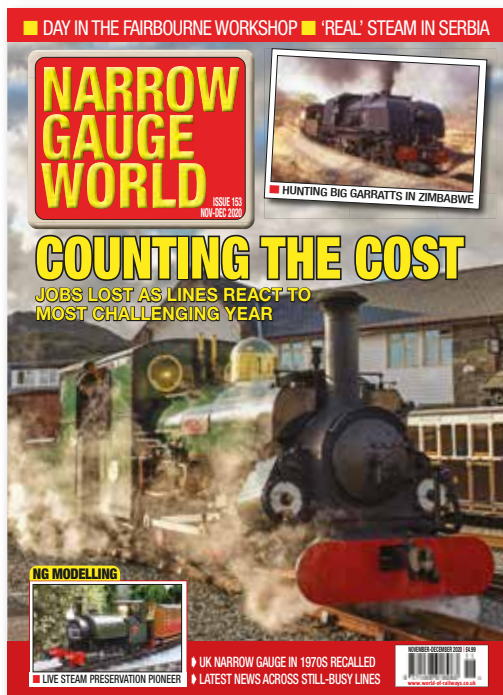
A side view of a carriage at Pagham in West Sussex. They're easy to spot from the beach, normally in pairs and the gap between is filled with extra living space. The carriage doors and windows down the sides of this example have been cutout and replaced with uPVC windows. Conveniently, the guard's observation post has been 'dashed over' – possibly a post Victorian LSWR coach? You could model this example and place it on a present-day era layout. CLIVE BARKER



Lighting, particularly for the rural cottage dweller was from hurricane or tilley lamps and candles. The wonders of electricity fitted to this example at the North Norfolk Railway would have to wait until the late 1950s, or even well into the 1960s.

More from us...

If you've enjoyed BRM here are four more magazines from us to try



Leave us a review

If you have enjoyed this magazine then do the next thing to shouting it from the rooftops and leave us a review instead! We all like to know when something is good and if something has been rated highly by others. Leave us a review to let others know what you think of BRM.

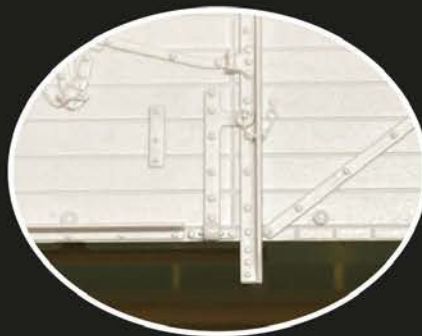
These are not just wagons...



...these are Rapido wagons!



*Built with Rapido's famous
attention to detail*



*Beautifully finished,
injection-moulded bodies*



*Free running chassis, crammed with
lots of fine detail*



Gunpowder Vans

NINE different liveries, inc:
GWR - LMS - LNER - BR

THREE different versions:
BR - GWR - RCH

RRP: £32.95



SECR Five-plank Opens

19 different liveries, inc:
SECR - SR - BR

TWO different versions:
Dia. 1347 - Dia 1349

RRP: £32.95



SECR Seven-plank Opens

11 different liveries, inc:
SECR - SR - BR

TWO different versions:
With or without sheet rail

RRP: £32.95

Place your order before September 1st

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

RAPIDO TRAINS UK



Stockists of

Bachrus, Circuitron, Tam Valley,
CML Electronic, DCC Specialties,
Digitrax, ESU, Express Models,
Gaugemaster, LDT, CT Elektronik,
Lenz, New Rail Models, Roco,
RR-Circuits, 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

+44 (0) 1473 710946

www.coastaldcc.co.uk

enquiries@coastaldcc.co.uk

GRIMY TIMES

MODEL RAILWAYS

www.grimytimes.co.uk

187 Orford Lane, Warrington, Cheshire WA2 7BA

Open Tuesday - Friday 10 - 4, Saturday 10 - 4.30, Closed Sun & Mon

MODEL RAILWAYS

The Home of Grimy Times Weathering

01925 632209

- 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.

Sankey Scenics

Over 1000 different packs of Quality Signage & Titled Trains

COACH DESTINATION BOARDS

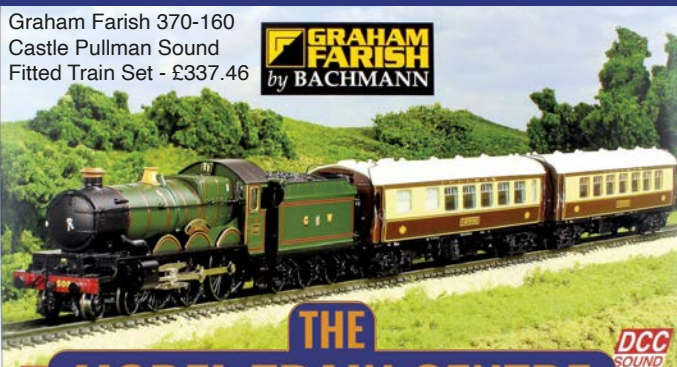
NEW WEBSITES

The Miniature Signage Specialist for British Railway Modellers

www.sankeyscenics.com

THEMODELTRAINCENTRE.COM

Graham Farish 370-160
Castle Pullman Sound
Fitted Train Set - £337.46



THE MODEL TRAIN CENTRE



32-236 LMS 3F Jinty 47619 BR Black.....	£99.95
32-381 Class 37/4 37419 DB Schenker	£146.65
35-526 Class 121 DMMU BR Blue	£149.95
32-575A Ivatt Class 4MT LMS Black	£139.95

DCC CONCEPTS 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 Intelligent 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 R3418 BR K1 Class 62006	£113.99
Hornby R3912 RailRoad Class 20901 GBRF	£69.99
Hornby R4971 BR Mk1 RB W1739	£31.99
Hornby R3781 K&ESR Terrier No.5 Rolvenden.....	£80.99

STOCKISTS OF...



[f](https://www.facebook.com/themodeltraincentre) The Model Train Centre [@modeltrainctr](https://www.twitter.com/modeltrainctr)

DMU Upgrade Service -

www.themodeltraincentre.com/servicing/

OPEN Monday - Saturday 9.00am - 4.00pm

THE MODEL TRAIN CENTRE

Clarks Hardware, 96 - 104 Every Street, Nelson,

Lancashire BB9 7LS CALL: 01282 601488

Shop on our website www.themodeltraincentre.com
and earn loyalty points with every purchase.

The new Digital Membership

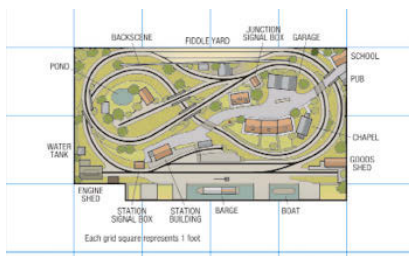
**SIGN UP
NOW!**

that brings you all of this...



ARCHIVE

PLUS



TRACKPLANS

PLUS



VIDEO

PLUS



COMPETITIONS

PLUS

- Digital Magazine Library
- Trackplan Archive
- Great videos
- Exclusive competitions
- Free Show Ticket
- RMweb Gold access

FREE SHOW TICKET

PLUS

RMweb



RMWEB

PLUS

SIGN UP FOR YOUR FREE TRIAL AT

www.world-of-railways.co.uk/membership

PLUG & PLAY STAY-ALIVES



thinking outside the square
concepts

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-3WH3
Adapter harnesses to connect all models of SA3 Stay-Alive to ESU LokPilot, LokSound & Lenz Silver or gold Decoders (3-pack)

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

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



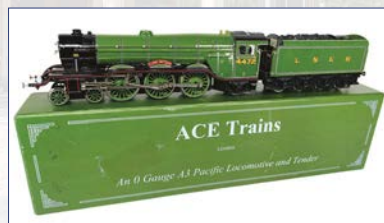
Hansons Auctioneers, Bishton Hall, Staffordshire, ST17 0XN

Contact Mark Holder on 01889 529707 or email
mholder@hansonsauctioneers.co.uk

'The Country House Toy & Nostalgia Auction' July 10th - The 'All Aboard' Toy & Train Sale. Incorporating Live Steam

Why Buy & Sell with Hansons? We offer regular Monthly Toy Sales.
Regular sales give better results with faster payments.
Hanson's expertise, worldwide exposure.

All Toy Entries NOW INVITED for our Forthcoming 2021 Toy Sales!
We specialise in everything from single items to lifetime collections
2021 Toy Sales Calendar - 10th July, 14th August, 11th September,
9th October, 13th November



MegaPoints Controllers

Awesome layout control system

Control your model railway points from one or more tactile control panels

- NO SOLDERING! *It's all plug and play!* ✓
- Uses a single cable between each control board.
- Includes optional **feedback display** to show the position of your trains as they move around the layout
- Optional **bespoke professional mimic panel design** service.
- Control servos, traditional solenoids, stall motors and relays.
- Works with **analogue and digital** layouts.

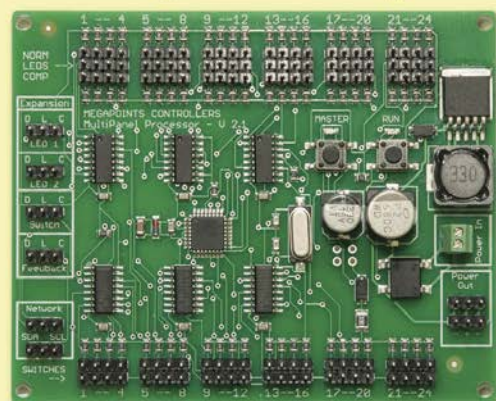
See website videos and product pages for more information. Our MultiPanel or MiniPanel control boards do it all! →

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.



→ Your bespoke mimic panel



Size 8cm x 10cm

1. Plug in LED cables
2. Plug in switch cables
3. Connect to control boards
4. Press buttons, start using!



Web & details: megapointscontrollers.com

Rev: 18-03

LOCOMOTION MODELS

NOW AVAILABLE!

D CLASS 4-4-0 No. 737



EXCLUSIVE MODELS

ORDER NOW!

£199.99*

*DCC SOUND version
also available
£324.99
(plus postage)

Some accessory parts
may require fitting
by customer.

South Eastern & Chatham Railway D Class 4-4-0 No. 737
as preserved at the National Railway Museum, York



IN
PARTNERSHIP
WITH



Visit locomotionmodels.com our online store for details and more
Locomotion, Shildon DL4 2RE Tel: 01904 685785

MODELS FEATURED
OO GAUGE

FIND US ON:

The National Collection in Miniature

Visit the Locomotion Museum Shop for:



All prices and offers
are subject to change
without notice



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



One
~~Fifty~~
Shades
of Grey

RMI 226

RAILFREIGHT/DEPARTMENTAL GREY
150ml AEROSOLS STOCK AVAILABLE FROM FOX

FOX TRANSFERS LTD • TEL +44 (0)116 319 4950 (DEPT. BRM)
Dept BRM, 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

see the full range of kits and building papers at...

www.superquick.co.uk

ALL DIE-CUT
CARD KITS

A06 Signal Box & Coal Office

FEATURING
NEW
COAL STAITHES



C08 Embankment Arches in red brick



NEW FROM **SUPERQUICK**
MODEL KITS

EMBANKMENT ARCHES

C08 Embankment Arches in red brick



C08 Embankment Arches in red brick

Fine OO/HO detail from...

SUPERQUICK
MODEL KITS

Available from all good model shops & online NOW!



Cable single and Bi color



Multicore



Control your
DC and DCC
Locomotives
with one
Controller



Pushbuttons



Resistors



LED's



Crimp's

LAYOUT WIRING

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

Multi-strand 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



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

Now with 3 year warranty

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



FOR MODELLERS WHO
REQUIRE QUALITY,
ACCURACY,
PERFORMANCE &
DURABILITY

The new name in brass
O gauge RTR locomotives,
built to the highest standards

Fully finished by SAM Models in
Korea after extensive UK research,
design and development.

www.55H.co.uk
www.finescalebrass.co.uk

SPECIAL OFFER!!!

FREE whilst stocks last - a fully finished
Terrier or J50 with any purchase of
Britannia & Duke of Gloucester models.
See website for details

55H Unit 3 Fulford Business Centre,
35 Hospital Fields Road, York YO10 4DZ
Tel: 01132 761759 / John@55h.co.uk

55H is a TRADING NAME OF FINESCALEBRASS

NEW MODELS IN PRODUCTION



BR Standard 5MT (incl Caprotti version)
BR Standard 4MT 2-6-0 & 4-6-0

PRE-ORDER PRICES: £2750.00 DC £3150.00 DCC & sound £3350.00 DCC, sound & sync smoke

AVAILABLE LATE 2021 NUMBERS ARE LIMITED - Call now to reserve the number/version required

Built: Roger Scanlon
Painted: Paul Moore
For illustration purposes only

LIMITED STOCK!!

8P "Duke of Gloucester" choice of
era's. Fully factory finished and
tested ready to run on delivery.

£2800.00 DC
£3200.00 DCC & sound
£3450.00 DCC, sound & sync smoke



LIMITED STOCK!!

7MT "Britannia" class choice of
names & tender. Fully factory
finished and tested ready to run
on delivery.

£2750.00 DC
£3150.00 DCC & sound
£3350.00 DCC, sound & sync smoke





1970



RAILS OF SHEFFIELD

2020



railsofsheffield.com

NEW POINT MOTORS



RAILS CONNECT

CONNECT WITH THE NEXT GENERATION OF DCC DECODERS

RPM-SM.1
RPM-SM.5
RPM-SMD.1
RPM-SMD.3POINT MOTOR (SINGLE PACK)
POINT MOTOR (5 PACK)
DIGITAL POINT MOTOR (SINGLE PACK)
DIGITAL POINT MOTOR (3 PACK)£8.95
£39.95
£19.95
£54.95
£6.95
£32.50
£17.95
£49.95RPM-UB.1
RPM-UB.5
RPM-UBD.1
RPM-UBD.3POINT MOTOR (SINGLE PACK)
POINT MOTOR (5 PACK)
DIGITAL POINT MOTOR (SINGLE PACK)
DIGITAL POINT MOTOR (3 PACK)

RCC-CDU.1

RAILS CONNECT HIGH POWER CDU CAPACITOR DISCHARGE UNIT

£14.95

ROS-6D
ROS-8D
ROS-218
ROS-N18
ROS-8HPRAILS CONNECT DECODER, 6 PIN DIRECT 2 FUNCTION NANO DECODER
RAILS CONNECT DECODER, 8 PIN DIRECT 4 FUNCTION NANO DECODER
RAILS CONNECT DECODER, 21 PIN DIRECT (8 PIN HARNESS) 6 FUNCTION DECODER
RAILS CONNECT DECODER, NEXT 18 4 FUNCTION DECODER
RAILS CONNECT DECODER, HIGH POWERED 8 PIN HARNESS 4 FUNCTION DECODER£19.95
£19.95
£19.95
£19.95
£24.95ROS-6D_6 PACK
ROS-8D_6 PACK
ROS-218_6 PACK
ROS-N18_6 PACK
ROS-8HP_6 PACKPACK OF SIX RAILS CONNECT 6 PIN DIRECT 2 FUNCTION NANO DECODERS
PACK OF SIX RAILS CONNECT 8 PIN DIRECT 4 FUNCTION NANO DECODERS
PACK OF SIX RAILS CONNECT 21 PIN DIRECT (8 PIN HARNESS) 6 FUNCTION DECODERS
PACK OF SIX RAILS CONNECT NEXT 18 4 FUNCTION DECODERS
PACK OF SIX RAILS CONNECT HIGH POWERED 8 PIN HARNESS 4 FUNCTION DECODERS£99.75
£99.75
£99.75
£99.75
£124.75

SEE WEBSITE FOR MORE VERSIONS DETAILS & STOCK



RAILS CONNECT O GAUGE ROLLING ROAD

RRR-OG.4 RAILS CONNECT PREMIUM EDITION O GAUGE ROLLING ROAD - 4 AXLE
RRR-OG.6 RAILS CONNECT PREMIUM EDITION O GAUGE ROLLING ROAD - 6 AXLE£84.95
£129.95Class 56008 BR Blue Livery
Class 56018 EWS Livery
Class 56023 Coal Sector
Class 56055 Loadhaul Livery
Class 56070 BR Blue Livery
Class 56097 Metals Sector
Class 56120 BR Blue Large Logo
Class 56046 Construction Sector
Class 56019 Railfreight Red Stripe
Class 56077 Original Railfreight Livery
Class 56074 "Kellingley Colliery" Coal Sector
Class 56093 Tinsley Celebrity BR Blue Large Logo

CAVALEX Models



CAVALEX ANNOUNCE

CLASS 56

12 LIVERIES AVAILABLE**PRE-ORDER NOW! £30 Deposit**
PRICES TBC - see website for details

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:



railsofsheffield



railsofsheffield



railsofsheffield



railsofsheffield

**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](https://www.youtube.com/railsofsheffield) [railsofsheffield](https://www.facebook.com/railsofsheffield) [railsofsheffield](https://twitter.com/railsofsheffield) [railsofsheffield](https://www.instagram.com/railsofsheffield)

Corporate Partners of

RAILWAY MUSEUM



RAILS OF SHEFFIELD

railsofsheffield.com



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@RAILSOF SHEFFIELD.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:



WE ALSO BUY RAILWAYANA

SIGNAGE AND TOTEMS

AND MORE...

Telephone our Second Hand team on: (0114) 255 1436 or email: secondhand@railsofsheffield.com - Ref: BRM2021

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

✉ info@railsofsheffield.com

▶ [railsofsheffield](https://www.railsofsheffield.com)

f [railsofsheffield](https://www.facebook.com/railsofsheffield)

🐦 [railssheffield](https://www.twitter.com/railssheffield)

📷 [railsofsheffield](https://www.instagram.com/railsofsheffield)

Corporate Partners of

**RAILWAY
MUSEUM**



RAILS OF SHEFFIELD

railsofsheffield.com



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



STEP
02

WE MAKE AN OFFER

our friendly, experienced staff
review your list and make an
honest valuation and offer

BRING, SEND OR COLLECT

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



STEP
03



STEP
04

PAYMENT MADE!

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

**TOP
GUARANTEED
PRICES
PAID**

**FAMILY
BUSINESS
FRIENDLY
SERVICE**

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

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

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

✉ info@railsofsheffield.com

▶ [railsofsheffield](https://www.youtube.com/railsofsheffield)

f [railsofsheffield](https://www.facebook.com/railsofsheffield)

🐦 [railssheffield](https://twitter.com/railssheffield)

📷 [railsofsheffield](https://www.instagram.com/railsofsheffield)

Corporate Partners of

**RAILWAY
MUSEUM**



RAILS



EXCLUSIVES

OO GAUGE MODELS

See the website for full details:

WAINWRIGHT D CLASS

6 VERSIONS AVAILABLE

dapol
Model Railway Company

**LOCOMOTION
MODELS**



**IN STOCK!
LAST FEW**

Secure
yours for
**ONLY £30
DEPOSIT**



**SOUND UPGRADE
AVAILABLE**

18000
BR GAS TURBINE CLASS

**COMING
SOON!**

ELECTRIC AUTOCAR NORTH EASTERN RAILWAY

3 VERSIONS AVAILABLE

£199.99 / £199.95
**PRE-ORDER NOW!
ONLY £30 DEPOSIT**

HELJAN



accurascale



NEWLY TOOLED DELTIC

6 VERSIONS AVAILABLE

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

PFA 2 AXLE FLAT WAGONS WITH RJB COAL CONTAINERS

**TRIPLE
PACK**



NEW!

PRE-ORDER NOW!
£74.95 / 29.95

accurascale

PCA BULK CEMENT WAGON CAIB - STS NO. 10633



**TRIPLE
PACK**

BR 21T MDV/PMV IN MC METALS LIVERY

NEW!

PRE-ORDER NOW!
£74.95

accurascale



HYA DRS HOPPER IN DIRECT RAIL SERVICES LIVERY

**TWIN
PACK**

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

HELJAN

2 VERSIONS
AVAILABLE



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

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!



3&5 VERSIONS AVAILABLE

£179.95 - £220
PRE-ORDER NOW!
ONLY £30 DEPOSIT



812 CLASS 0-6-0
CALEDONIAN RAILWAY BLUE MCINTOSH



PRECEDENT
LNWR IMPROVED CLASS 2-4-0



BR LINED GREEN (LATE CREST) 2-6-2

CLASS V2
'DURHAM LIGHT INFANTRY'

2 VERSIONS AVAILABLE



PRE-ORDER NOW! £229.95-329.95
Secure yours for **ONLY £30 DEPOSIT**

CLASS 37/6
NO.37610

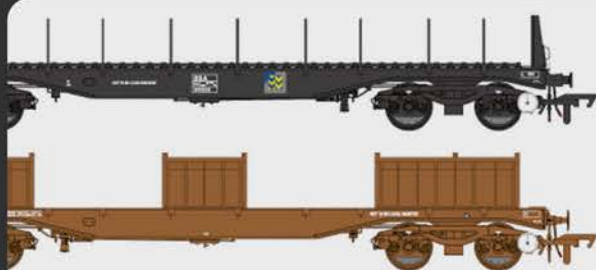
2 VERSIONS AVAILABLE

£159.99 - £259.99
PRE-ORDER NOW!
ONLY £30 DEPOSIT

accurascale



CLASS 92's



NEW!

BBA/BLA
BOGIE STEEL WAGONS

PRE-ORDER
NOW!
£45-£95

19 VERSIONS

CAVALEX
Models



EXPECTED
Q3 2021
See website
for details



PRE-ORDER NOW! £109.95 12 VERSIONS 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.

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.

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.

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

RANGE
OF
SIX
TWIN
PACKS



N GAUGE Revolution
trains

PRE-ORDER NOW!
£79.95

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

info@railsofsheffield.com

railsofsheffield

railsofsheffield

railsofsheffield

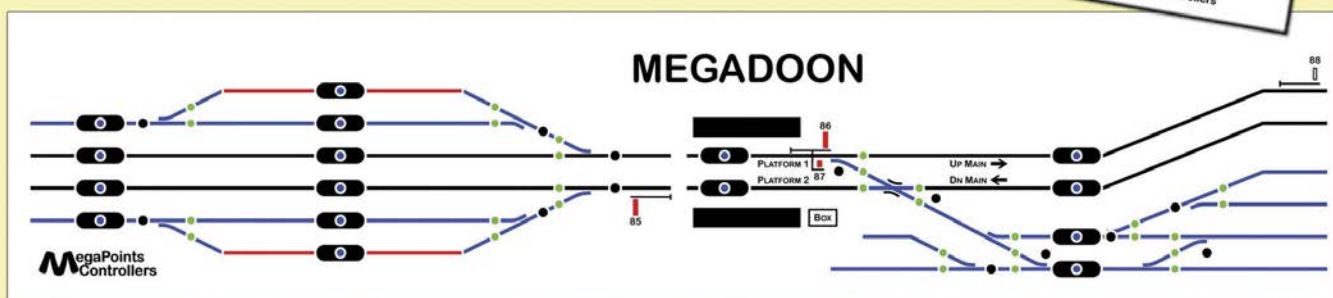
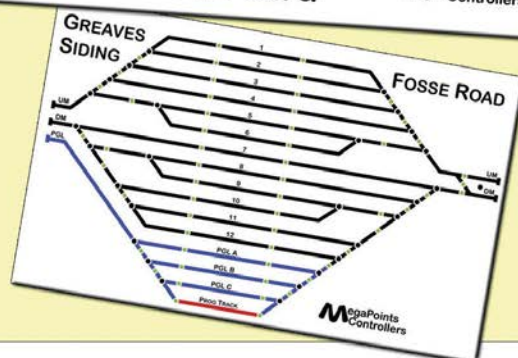
railsofsheffield

Corporate Partners of
**RAILWAY
MUSEUM**

MegaPoints Controllers

Awesome layout control system

- Have your dream mimic panel designed by us.
- Self assembly with simple plug in connectors. ✓
- Absolutely no soldering!
- Works with analogue, digital and live steam. ✓
- Professional appearance
- Simple single cable controls everything
- Avoid the wiring mess.
- Can display loco location via LED indicators on panel
- Great for hidden sidings and operator feedback. ✓
- Check out our website for panel examples.



Web & details: megapointscontrollers.com

Rev: 09-19

WWW.MODELRAILSHOP.CO.UK
01274 747447
shop@fmrdirect.co.uk
8A Sapper Jordan Rossi Park
Otley Road, Baildon
West Yorkshire, BD17 7AX

FRIZINGHALL

MODELS & RAILWAYS

The Modellers Choice
Since 1950



SUMMER 2021 'OO' RELEASES



HORNBY NEW FOR 2021 - PRE-ORDER NOW

31-934 - LMS 4P Compound 1119 LMS Crimson Lake.....	£182.75
32-415 - Class 24/0 Disc Headcode BR Green (Small Yellow Panels).....	£152.95
32-415SF - Class 24/0 Disc Headcode BR Green (Small Yellow Panel).....	£237.95
32-416 - Class 24/0 24035 Disc Headcode BR Blue.....	£152.95
32-416SF - Class 24/0 24035 Disc Headcode BR Blue.....	£237.95
32-443 - Class 24/1 D5094 Disc Headcode BR Green (Late Crest).....	£152.95
32-443SF - Class 24/1 D5094 Disc Headcode BR Green (Late Crest).....	£237.95
32-444 - Class 24/1 97201 Experiment Disc Headcode BR RTC (Original).....	£152.95
35-126A - Class 20/3 20314 Harry Needle Railroad Company.....	£152.95
35-126ASF - Class 20/3 20314 Harry Needle Railroad Company.....	£237.95
35-200SF - LNER V2 4791 LNER Lined Green (Original).....	£280.45
35-201SF - LNER V2 60845 BR Lined Black (Early Emblem).....	£280.45
35-202SF - LNER V2 'St Peter's School' BR Lined Green (Late Crest).....	£280.45



N Gauge Expected Late 2021 Pre-Order Now

2S-017-006 Class 7MT 'Britannia' 70000 in BR Unlined Black.....	£130.00
2S-017-007 Class 7MT 'Firth of Clyde' 70050, BR Green - Early Emblem.....	£130.00
2S-017-008 Class 7MT 'Firth of Clyde' 70051, BR Green - Late Emblem.....	£130.00
2S-017-009 Class 7MT 'Owen Glendower' 70010, BR Green Late Emblem.....	£130.00
2D-013-002 Class 27 D5349 BR Green.....	£123.00 - DCC Fitted £150.00
2D-013-003 Class 27 D5415 BR Green, SYP.....	£123.00 - DCC Fitted £150.00
2D-013-004 Class 27 BR 2 Tone Green, SYP.....	£123.00 - DCC Fitted £150.00
2D-013-005 Class 27 042 BR Blue, FYE.....	£123.00 - DCC Fitted £150.00
2D-018-011 Class 35 D7000 BR 2 Tone Green.....	£123.00 - DCC Fitted £139.00
2D-018-012 Class 35 BR 2 Tone Green SYP.....	£112.00 - DCC Fitted £139.00
2D-018-013 Class 35 BR 2 Tone Green FYE.....	£112.00 - DCC Fitted £139.00
2D-018-014 Class 35 D7044 BR Blue FYE.....	£112.00 - DCC Fitted £139.00



Servicing & Repairs

- DCC Sound Fitting
- DCC Decoder Fitting
- Servicing

OFFICIAL STOCKIST
SOUND FILES SUPPLIED BY
YOUCHOOS & DIGITRAINS



FREE POSTAGE
over £175
(UK mainland only)

See more at WWW.MODELRAILSHOP.CO.UK

We buy Pre-owned model railway items.
Speak to our friendly & experienced
staff for more information.
'Cash or Exchange'

OPENING HOURS: MONDAY to SATURDAY 10.00 - 4.30



Sig-naTrak®

Model railway electronics by GFB Designs

Our popular DCC controller!



- ★ Up to 9999 train and 2044 accessory addresses
- ★ 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!

£267.00

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!

NEW!!

DAC22 8-channel DCC Accessory Decoder



- ★ Drives all types of point motor.
- ★ Independent output addresses.
- ★ Built-in CDU
- ★ Voltage booster for solenoids.
- ★ LocoNet interface.

£32.00

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™

DAC22 Eight-channel Accessory Decoder. £79.00

SIGM20 Colour-light Signal Controller - 6 or 8 outputs. £54.00

DTM30 Digital Tower Master - 30 inputs & outputs. £63.00

DSS1 Loco Shuttle - automatic train running sequences. £60.00

MSC8 Scenery Animator - control lights, motors & servos. £30.00

13 Hooper Close, Dunswell, Hull, HU6 9FG

Tel: 0161 883 2022

(Sorry - no callers.)

Email: info@signatrak.co.uk; Web: www.signatrak.co.uk

CM3 MODELS

**MATERIALS PACK
FOR SCALESCENES
CANAL WHARF KIT
NOW AVAILABLE**



LAYOUT BUILDING SUPPLIES

Foliage / Lichen and Scatters

Alan Gibson Coach & Wagon wheels and parts

Model Scene grass mats & flock

25 & 50mm Rubberised Horsehair

Teddy Bear Fur for grass and embankments

Plaster Bandage

LasisDCC Chips

Wire, Connectors, Switches for both DCC & Conventional wiring

DCC wiring kits

Modelling Card compatible with Scalescenes Kits

Call: 0333 0502763 • Email: sales@cm3models.co.uk

www.cm3models.co.uk



GOLDEN VALLEY HOBBIES



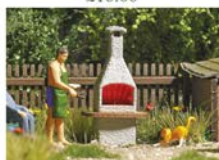
Busch 7862
Paddling Pool
£16.00



Busch 7864
Stand Up Paddling
£8.99



Busch 7866
Kite Flying
£16.00



Busch 5403
BBQ With Glowing Fire
£15.49



Busch 6023
Caravan With Accessories
£23.99



Vollmer 43809
Swimming Pool
£19.00



Vollmer 45130
2 Gazebos
£8.20



Busch 7824
Car Wash
£25.00



Busch 7843
Table Tennis
£16.99

gvhonline.co.uk/BRM2108

Unit 1 Pontilas Business Park, Pontilas, 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.



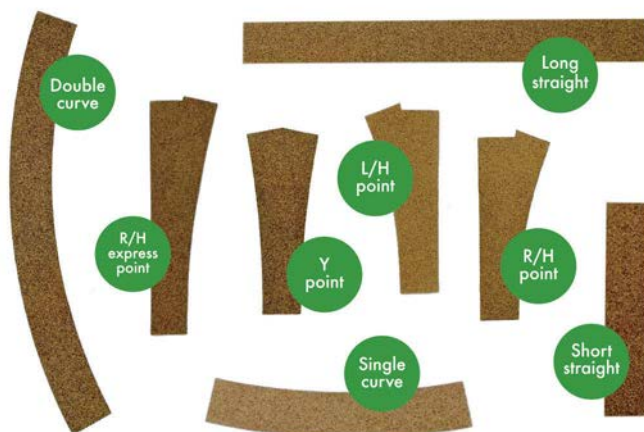
NATURAL SCENICS



Pre-cut cork track
sections for OO/HO
set track systems

80+
options
available

Order
online

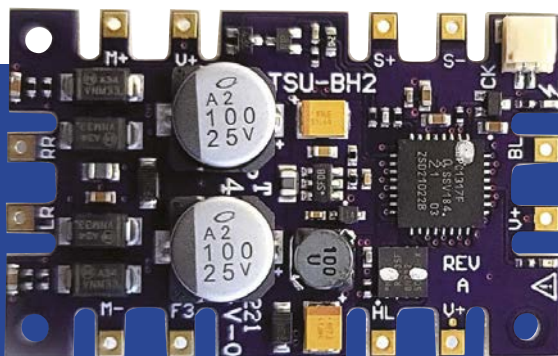


+44 (0)1353 720111
info@naturalscenics.co.uk

www.naturalscenics.co.uk

**NATURAL
SCENICS**
realism in miniature

NEW PRODUCTS



SOUNDTRAXX (TSU-BH2) EIGHT FUNCTION DECODER

US-manufacturer, Soundtraxx has revealed a new DCC decoder, the TSU-BH2, as an upgrade for Bachmann North American-outline sound models for HO scale. The TSU-BH2 offers eight function outputs and promises 'an easy install', measuring 45mm x 28mm x 7.5mm. Designed as a replacement for 'Sound Value' decoders, with a 2A motor stall current and 100mA per output, the TSU-BH2 offers access to all the features of its Tsunami2 decoder. Outputs can be soldered to it, for installation in other locomotives and scales, too.

Price: \$115.95

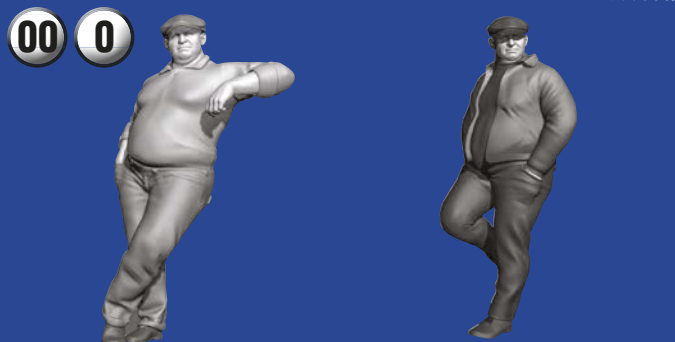
W: www.soundtraxx.com or see your local stockist

HALLING MODELLE (MTS-100) MODEL SPEED METER

Halling Modelle has developed a model speed meter for modellers. Designed to be placed lineside on an HO scale (3.5mm:1ft) layout, the MTS-100 device converts a linear speed into a scale reading in km/h. The reading can be used to set the V-max (top speed) of DCC locomotives to their accurate prototypical top speed, or speed match locomotives when running in a consist (double-headed). Results can be converted to 4mm:1ft scale. The small wireless device allows precise measurements, whether at home, at a club, or exhibitions. Select the scale of the model, and the device will convert the measured speed into 'real' km/h.

Price: €108.00

W: www.shop.ferro-train.com

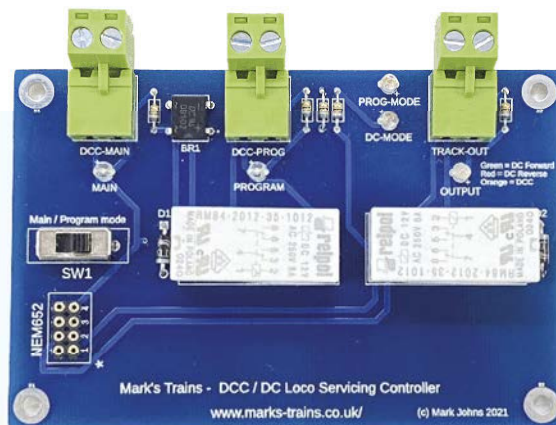


FINESCALE MODEL FIGURES (MM239 AND MM368) MALE VEHICLE DRIVERS

Somerset-based Fine Scale Figures, specialists of 3D-printed model figures in 1:87, 1:76, 1:72, 1:50, 1:43 and 1:32 scales has new figure additions to its growing product range. The manufacturer specialises in selling modern-day figures of all age groups, with an increasing range of animals and scenery. Its latest additions of two leaning males with flat caps are ideal for using in a modern taxi rank, market stall cameo, or leaning against a wall for instance. Also available painted.

Price: from £1.49 (HO) to £5.99 (1:32), each

W: www.finescalefigures.co.uk



MARK'S TRAINS DC/DCC LOCOMOTIVE SERVICING CONTROLLER

This new locomotive servicing controller allows the operation of analogue locomotives using a digital command station, with the press of a function key. Users can 'run-in' new locomotives, test locomotives before fitting a new decoder, or use it as part of a servicing routine, without requiring a separate DC controller. The controller is ideal for those with a sizeable DCC locomotive fleet, or those in the DCC decoder fitting trade. Also available fitted with a locked Zimo MX600R decoder.

Price: £25.00, £45.00 (with decoder)

W: www.marks-trains.co.uk



NATURAL SCENICS FOAM AND CORK TRACK UNDERLAY



Natural Scenics, manufacturer and supplier of scenic consumables, is introducing a range of pre-cut foam underlay sections this summer to suit Hornby and Peco Set Track systems.

Developed using a closed cellular foam, the material is pliable, with good resistance to stretch and compression, and is water resistant with noise reduction and vibration absorbent qualities. Pieces are precision-cut from 3mm material thickness, with the range designed to mirror the shape and sizes of Set Track pieces. Visit its website for updates.

Price: Cork: from £0.75, Foam: TBA

W: www.naturalscenicsonline.co.uk

HORNBY (R60061) 'PRIDE' LIMITED-EDITION WAGON

Hornby has introduced a van featuring a specially-designed livery to celebrate Pride month, with only 500 units being produced. Available to pre-order from its website, Hornby has said it affirms its continued commitment to supporting the LGBTQ+ community and the Pride movement. Other items in the manufacturer's range available – or soon to be available – celebrating the 'Pride' theme include its Pendolino in Avanti West Coast 'Pride' livery, with a number of additional Motor Standard (MS) coaches available to expand the set, plus its Class 800 in GWR 'Trainbow' livery and 66773 *Pride of GB Railfreight*.

Price: £17.99

W: www.hornby.com



VISIT WWW.WORLD-OF-RAILWAYS.CO.UK FOR THE LATEST PRODUCT NEWS

00



SCALE MODEL SCENERY (LX-431) LINESIDE STORE

Scale Model Scenery has produced a laser-cut lineside store kit, modelled on an NER/LNER example found at Whitby Bog Hall Junction in the North East of England. The detailed kit features glazed windows, engraved brick, weathered roof slates, a chimney and interior details. It can be painted with acrylics, and enhanced with weathering powders, if desired. The manufacturer recommends painting windows, the door and barge boards after the rest of the building has been built and painted, for ease.

Price: £12.99

W: www.scalemodelscenery.co.uk

HORNBY (R3866) BR 'BATTLE OF BRITAIN' CLASS 4-6-2 34051 WINSTON CHURCHILL

00



Entering traffic on December 30, 1946, as 21C151, *Winston Churchill* was allocated to Salisbury until February, 1950, when it moved to Nine Elms, and numbered 34051 under British Railways. On January 30, 1965, the locomotive was called upon to haul the funeral train carrying the body of Sir Winston Churchill, from Waterloo station to Handborough, Oxfordshire. Retired from service later that year, the locomotive remains preserved as part of the National Collection. Hornby's model is presented in a special NRM-branded outer sleeve.

Price: £219.99

W: www.hornby.com

N

OSBORNS MODELS 3D-PRINTED ROAD SWEEPER AND LOW-LOADER



Osborns Models has added further road vehicles to its Arch Laser range of 3D-printed items for 1:148 scale. The models require painting, though each should require no more than a few hours if using fast-drying acrylics over a suitable primer under good conditions. The manufacturer aims to introduce further vehicles, all of which aren't commonly available in the scale as die-cast models. To see the full extent of its range, see its website.

Price: Road sweeper: £7.95, low-loader: £11.95

W: www.osbornsmodels.com



LIFECOLOR (XS-13 AND XS-14) ITALIAN RAILWAYS SET 1 AND 2

Introduced as part of its growing range of application-specific paints for models, these two new sets, each containing six 22ml bottles, are designed for painting Italian-outline locomotives and rolling stock of the early (set 1) and later (set 2) post-steam eras. Looking beyond modelling Italian Railways, however, the fast-drying acrylics have many other uses too, if the colours contained within are taken at face value, as our practical on p64 demonstrates.

Price: £17.99 (each)

W: www.airbrushes.com

AUHAGEN (41670) RAILWAY CONSTRUCTION SET

HO



Looking beyond the 3.5mm:1ft scale of this accessory pack – a close enough match to 4mm:1ft scale layouts, a number of useful items are included, all centred around the changing of sleepers and 'packing' of ballast manually. From sleeper lifting hooks, to hand- and petrol-powered chair bolt wrenches, rail lifting jacks, jacks, chairs, fishplates, rakes for packing ballast under sleepers, a wheelbarrow and signage, there's ample to create an interesting diorama.

Price: £24.90

W: www.goldenvalleyhobbies.com

BUSCH (7907) CANAL WORKERS

HO



Cameos form scatterings of amusement around many a layout, and now you can easily add another with this sewer diorama. Perhaps a little lost in translation being described as 'canal', rather than 'sewer' workers, this small set comprises of a torso, to place over the black drain hole, a manhole cover, components to assemble into a small access crane, a second worker and two railings.

Price: £17.99

W: www.goldenvalleyhobbies.com

BACHMANN CLASS 24/0

Words & photography: Andy York



When we reviewed Bachmann's all-new headcode box version of the Class 24 (24/1) in BRM Spring 2020 it was inevitable that we'd see a major revamp of its venerable early Class 24 with a new chassis and body to include lighting functionality and better sound facilities.

Bachmann only sprung the announcement of this project on modellers in May, with its change of policy of only announcing items that are due to arrive within the next three months or so, and a welcome surprise it was too.

The early style of Sulzer Standard Type 2 Bo-Bo diesels was more commonly referred to as Class 24/0 in later years, with the original body style without headcode boxes and lower-body fairings, covering the number range D5000 to D5113. Even within this number range and classification there can be minor differences, so it's worth checking photographs before renumbering.

D5036 was allocated to March from introduction in 1959 and subsequently Ipswich – the model wears a 32B printed shedplate on its nose – before transfer to the Stoke Division as a Crewe Diesel allocation in August 1967, where it remained until withdrawal at the end of 1977. The locomotive seems to have been quite widely travelled; anywhere between the east and west coasts, and had the honour of hauling the last passenger service from Rugby to Peterborough in 1966. The earliest images of the locomotive in blue livery seem to be in 1971, so the green livery with small yellow panel covers its usage from mid-1960s onwards. Bachmann's other initial release is 24035 in BR blue, allocated to Crewe Diesel in that livery through to its withdrawal in late 1978.

Featuring the same new chassis frame, circuit boards and bogies as the 24/1, there are, however, differences to the visual

aspects of the chassis, because the 24/0 has a surrounding sub-frame that includes the lower bodyside fairing. This joint leaves a thin seam beneath the nose of the body, which is at odds with the prototype. This version has full length fuel and water tanks beneath the central portion of the chassis. Some later numbers had smaller water tanks to bring the operational locomotive within its design weight limits. The chassis and bogie frames feature excellent relief and detail, comparing very well with the prototype in that respect.

The body rendition, particularly around the 'face' of the locomotive, is a distinct improvement on its predecessor and certainly captures the look, especially around the rounded cab roof area. The roof details differ slightly from the later 24/1 in subtle ways, too – Bachmann has definitely researched these aspects well. The decoration, overall, is very good but



datafile

BASICS

Manufacturer: Bachmann Branchline

Catalogue Refs:

(32-415) Class 24/0 D5036 disc headcode
BR green (small yellow panels)

(32-415SF) Class 24/0 D5036 disc
headcode BR green (small yellow panels)

(32-416) Class 24/0 24035 disc headcode
BR blue

(32-416SF) Class 24/0 24035 disc
headcode BR blue

RRP: £179.95 DCC ready, £279.95
sound-fitted

Gauge/scale: 16.5mm gauge, 1:76 scale
OO

Era: 4 to 8

Company/Operator: BR

Weight: 340g

Chassis and Body: Die-cast chassis with
plastic body

Minimum curve radius: 438mm (R2)

Wheel Profile: RP25

Couplings: NEM-mounted tension-locks

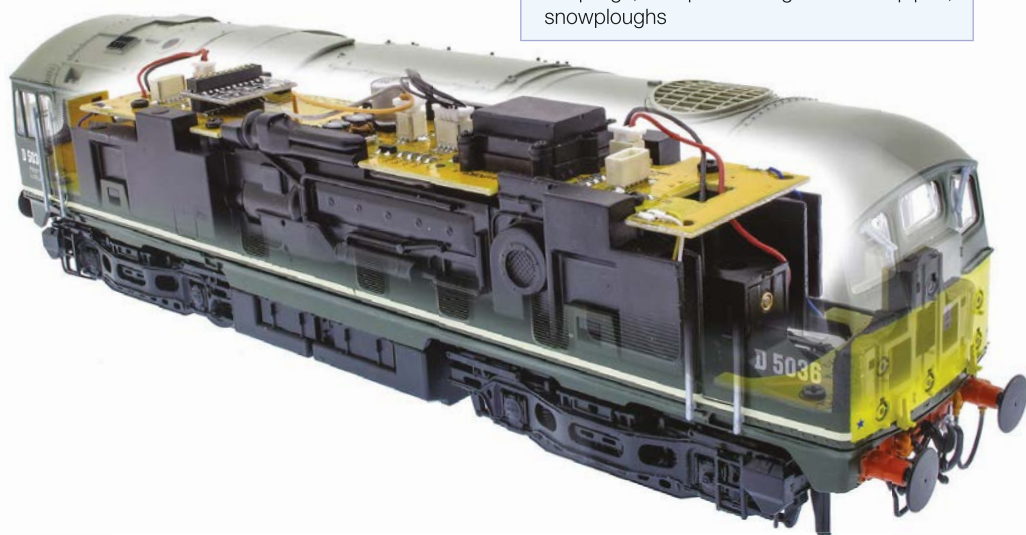
Accessories: Cosmetic screw-link
couplings, multiple working and brake pipes,
snowploughs

under close-up photography there is a little raggedness to the edges of the small yellow warning panel on the review sample. At normal viewing distances it's not an issue. The cab door handrails are a little too thick and broad but producing these to scale in plastic would have been too fragile in practice to last with regular handling.

An excellent detailing pack is included with open and closed headcode discs, bufferbeam detailing and steps if your coupling arrangements permit. Snowploughs are also included to fit into the NEM pockets, but these can compromise what detail and couplings can be fitted, especially if you expect the model to go around train-set curves.

Fitting a 21-pin DCC decoder is fairly straightforward. Six screws must be removed to access the body, but make sure you remove the correct screws, only accessible through the bogie frames close to the rear axle of the bogie. The model has a pre-fitted speaker below the fan grille area, so sound-fitting is simple. Directional lights can also be configured by the analogue control user via the dipswitches beneath the tanks.

I've always enjoyed the smooth and quiet running of a Bachmann Bo-Bo chassis, and the Class 24/0 meets all expectations in that regard, comfortably handling a rake of twelve Mk. 1 coaches. There's nothing to fault the model and, just like the real thing, it's a useful and capable type for operation around the UK.



LOCOMOTION MODELS D CLASS

Words & photography: Andy York



A three-way partnership of Rails of Sheffield, Dapol and Locomotion Models brings us the exquisite South Eastern & Chatham Railway Wainwright D Class.

Some 51 D Class 4-4-0 locomotives were built between February 1901 and March 1907 during the Wainwright period by the South Eastern & Chatham Railway. The design work for these locomotives was carried out at Ashford Works. From delivery, they were used on the prime express trains to the Kent Coast and Hastings, including those carrying boat train traffic for the Continent via Dover. As a result, D Class locomotives were painted in the green passenger livery bordered with black and green bands and red/yellow lining.

Between April 1921 and October 1927, 21 of the Class were rebuilt as D1 Class 4-4-0s, leaving 30 D Class locomotives in operation. During the first years of the Southern Railway, the locomotives continued to appear on front-line express duties. As larger locomotives appeared, the D Class locomotives began to spread to South Central services, formerly operated by the

London, Brighton & South Coast Railway.

28 members of the D Class entered British Railways stock. No. 31737 was withdrawn from traffic at Guildford MPD in November 1956. It arrived at Clapham Museum on June 27, 1960, and then moved to the then-new National Railway Museum at York for its opening in 1975, becoming part of the National Collection.

We are reviewing the preserved livery version, which is exclusively available from Locomotion Models, but there is a range of liveries throughout the life of the locomotive as shown in the datafile that are only available from Dapol directly and Rails of Sheffield. I understand that sales have been very high and there are only a few models left in some liveries.

Dapol has done quite a magnificent job with this model for the partnership and the quality stands out as soon as you unbox it. There is an excellent instruction leaflet with clear illustrations covering all aspects of ownership and a supplementary sheet, which covers an important aspect of the model. As supplied, the model is fitted with traction tyres on the leading driving axle

but a spare wheelset without traction tyres is included, with a wheel-nut removal tool and clear instructions for those who would prefer to not use them. The inclusion of tyres is to ensure that the model can manage the types of loads that modellers habitually put behind locomotives and it competently delivers in this regard, handling 12 Mk. 1 coaches on the level. It takes 10-15 minutes to change the wheelset, which reduces performance to five or six coaches on test around curves, whereas 10 coaches were handled comfortably with traction tyres. On balance, considering the loads that such a locomotive would be tasked with, my preference would be to replace the wheelset.

The model is very smooth and quiet when running, but slow speed control is better under DCC. Dapol has provided a smokebox door removal tool to gain access to the 18-pin socket on the circuit board after the PCB is pulled forward with the tool so there is no need for body removal. The company recommends the Dapol Imperium 18-pin decoder as the most suitable. I have also tested one of Rails' sound versions, which includes the sound decoder with



files and two speakers, a sugar cube in the smokebox and a larger, more dominant one, inside the tender. I must say, I found the performance exceptional. Another feature that performs better under DCC is the red and yellow flickering firebox LED. With analogue control, the LED is constantly on and shows through the aperture in the rear splasher. At least with the DCC sound version, it can be turned on or off or used in conjunction with the coal-shovelling sound.

When first handling the model, the impression is of well-balanced weight with the centre of gravity in the centre of the leading driving wheels – critical to the performance of any 4-4-0. The locomotive to tender coupling is a standout feature of this model for its simplicity, practicality and durability. A short tab extends from beneath the footplate with two contacts on the both top and bottom of the tab for current collection and connection to the speaker. The tab plugs into a socket beneath the fall-plate on the tender and the tab and socket is supported with a plastic peg and socket beneath the connection. This is something I would love to see more widely adopted as a standard for locomotive and tender connections. Another design element that is noteworthy and as good as we have seen on any RTR model is the representation of the motion on this inside-cylindered class where it is possible to see straight through. Having had the smokebox door open for decoder access, the way the door fits back

in with near-flush precision is exceptional. Even viewing from low angles, there is a commendable lack of daylight between the front bogie and the frames and there is no restriction in freedom of movement.

The excellent instruction booklet makes reference to a die-cast boiler. We saw the model in this form at launch, but a late revision to a plastic boiler was made. The model doesn't suffer as a consequence as it is well-weighted and balanced. Dapol produces a good chassis and axle interface, with brass bearings sitting inside. Every aspect that I've looked at inside the workings indicates it's likely to be a model that gives years of good running.

The finish and decoration of the later liveries including SE&CR wartime grey, Southern olive green (with the exception of a number-style error), Southern and British Railways' black are all very good. The aspects which affect the early-liveried models more than others is the brass dome, safety valves and whistle. I'm not really a fan of the finish, being more gold than brass in tone and somewhat glossy, whereas the copper rim to the chimney is nicely subdued and not at all plasticky. There are some fine decoration elements, particularly on the lining but some elements are transfers, and I've seen some evidence of the transfer breaking up on the running plate lining as I will habitually pick a model like this up by the running plate adjacent to the leading drivers. The company crest on the front

datafile

BASICS

Manufacturer: Dapol for Locomotion Models and Rails of Sheffield

Catalogue Refs:

(4S-027-NRM02) SECR No. 737 NRM preserved £199.99

(4S-027-001) SECR No. 488

(4S-027-002) Southern lined Maunsell olive green No. 1730

(4S-027-003) BR Sunshine lettering No. 31731

(4S-027-004) BR black early crest No. 31574

(4S-027-005) SECR grey, scraped beading No. 726

(4S-027-006) Southern sunshine No. 1734

RRP: £199.99, DCC sound £324.99

Gauge/scale: 16.5mm gauge, 1:76 scale, OO

Era: 1901 – preservation

Company/Operator: SE&CR, SR, BR(S)

Weight: 230g

Chassis and Body: Die-cast chassis and running plate with plastic body

Minimum curve radius: 263.5mm (R2)

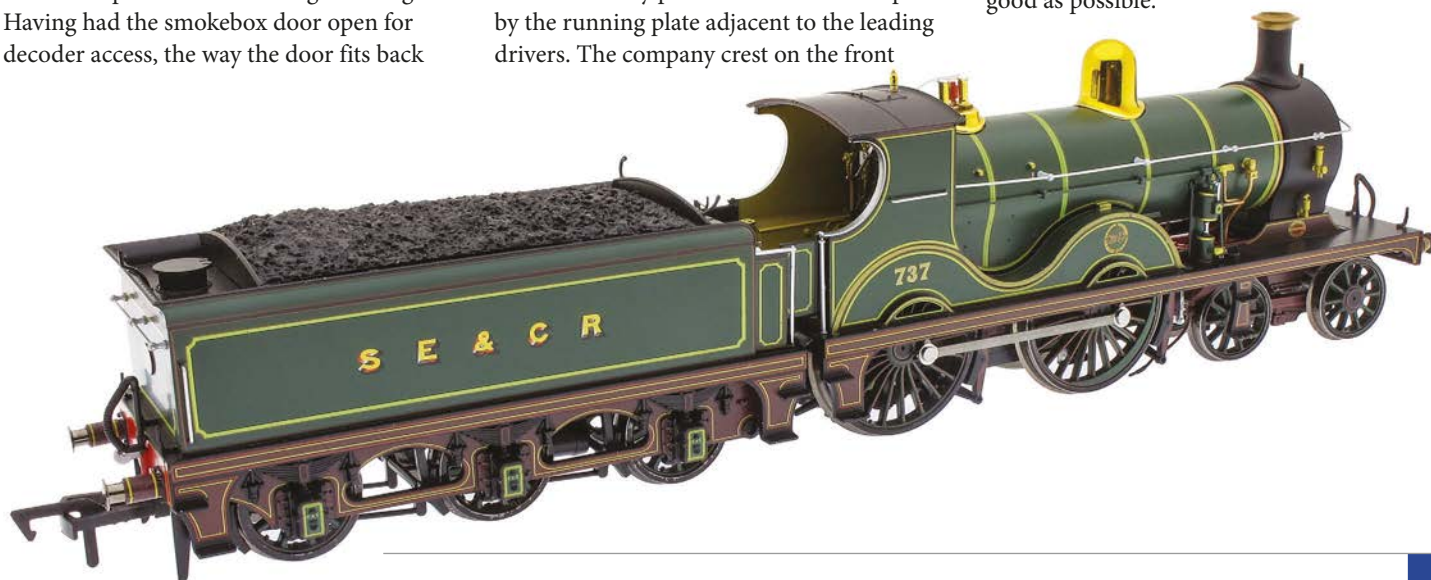
Couplings: NEM-mounted tension-locks

Accessories: Vacuum pipes, cab doors, guard irons, non-traction tyred wheelset, spare traction tyres, nut driver, smokebox door tool, NEM blanking plug

splasher isn't as distinct as it could be but it's only evident under close magnification. A cautionary note is the whistle on the cab roof – it's very fragile so if you are turning the model over for maintenance, please ensure it's well protected. I didn't.

The accessory pack includes painted cab doors, which can be fitted if your curves permit, guard irons and vacuum pipes for later models.

Overall, the model is a credit to everyone involved in the partnership – I know there was a collective determination to make it as good as possible.



WORLD OF RAILWAYS



DIGITAL EDITION EXCLUSIVE

The new D Class

A three-way partnership of Rails of Sheffield, Dapol and Locomotion Models brings us the exquisite new D Class. Andy York takes a closer look at the new models.

WATCH THE VIDEOS HERE

(You must have a wifi connection to stream video content)



PLAY

HAMMANT AND MORGAN HM6000

Words & photography: Howard Smith

Despite Digital Command Control (DCC) having narrowly surpassed Direct Current (DC) where number of users is concerned, many modellers refuse to adopt the technology for its perceived complexity, the investment needed or because their locomotives can't be converted. It has created a division in the market, DC users advocating simplicity, DCC users advocating the additional features offered. There has been little effort made by manufacturers to bridge the gap, until now.

Hammant and Morgan – a name owned by Hornby and largely dormant in recent years has been revived and applied to a new wireless control system. Now with Hornby stockists as a standalone unit (R7292), or offered as part of the iTraveller 6000 (R1271) train set, its HM6000 app-based analogue control system is affordable. Its selling points are the benefits of wireless control across two independent circuits, while playing locomotive sounds through your device, which serves as the controller, be it a phone or tablet. Also released is an HM6010 accessory device to control points or signals (R7293), which can be used alongside the HM6000.

When purchasing the HM6000 unit as a standalone item, or the HM6010, a mains wall transformer isn't included. Hornby offers three from which to choose, with either a UK, EU or Australian plug, but for the UK market, it's the 1A 15V (P9100) that'll be of interest.

Downloading the Hammant and Morgan app from Google Play – or App Store for iPhone users – is simple. Configuration is a little more involved. However, after a few minutes of getting used to the software, and 'pairing' the controller with your device, the user interface is intuitive.

For some aspects, particularly the trackplan feature of the app, which allows you to 'drag and drop' track segments to

recreate your layout, the benefits of a larger tablet screen come into their own.

Unless hard-wiring the unit, a Hornby power clip is required on your layout for 'plug and play' capability, the HM6000 being fitted with a proprietary Hornby power clip to each of its outputs.

In use, just one locomotive can be controlled independently per output. That said, up to four HM6000 devices can be controlled from a single device running the app, providing control of up to eight locomotives – more than enough to keep operators overwhelmed on a layout.

The software is very clever, giving DC users access to many previously DCC-exclusive functions for each of the two output circuits, such as customisable acceleration and deceleration inertia, setting the minimum and maximum speed, and selecting a sound profile. Some 18 locomotive sound profiles are pre-installed with the software, which play through the

speaker of your device.

Granted, some of the terminology used in the app such as 'device provisioning' or 'meshing' isn't familiar to those outside the field of software programming, but it provides a perfect solution for those who want more out of DC control, without converting to DCC.

Discover the full functionalities of this app by watching our video in the digital edition of this issue.



datafile

BASICS

Manufacturer: Hornby Plc

Catalogue Refs: R7292 HM6000 app-based analogue control system, R7293 HM6010 accessory controller

RRP: HM6000 controller: £29.99, Wall transformer (P9100): £20.99, HM6010 accessory controller: £34.99

BACHMANN STEEL-BODIED COACH

Words & photography: Andy York



A surprise announcement in May from Bachmann was the firm's first narrow-gauge passenger vehicle. It had previously announced production of an earlier style wooden-panelled Gloucester coach, as used on the Ashover Railway. This version is different.

The model portrays a steel-bodied vehicle of continental origin and has previously been produced for Bachmann's Liliput HOe range in Austrian Zillertal Railway liveries. This may not be as anomalous to a British narrow-gauge layout as the first impression might give – the Welshpool and Llanfair Railway has older ex-Zillertalbahn vehicles, and more recent vehicles with similar roof profiles and side windows.

There has been recent discussion on RMweb that narrow-gauge modellers have a greater tendency to model fictitious lines than standard-gauge modellers, so its usefulness shouldn't be underestimated. It doesn't look completely out of place.

The third-class open vehicle is appealingly decorated in a choice of maroon and cream, or lined green liveries with metallic framing



to the windows. One may get the impression that this is an air-conditioned vehicle with the absence of toplights and roof ventilation, but in typical continental style, the entire windows are of the type that drop into the bodyside.

The body simply unclips from the chassis to access the interior, with single seats either side of the central gangway with one side featuring a toilet compartment. The weighted chassis gives stable running through pointwork – this is quite a wide-bodied vehicle to be running on 9mm gauge track, but it performs well.

It's a little bit left-field, but a welcome addition to the range to give increased variety for a growing number of OO9 gauge modellers.

datafile

BASICS

Manufacturer: Bachmann Branchline

Catalogue Refs:

(394-001) steel-bodied third, maroon and cream

(394-002) steel-bodied third, lined green

RRP: £44.95

Gauge/scale: 9mm gauge, 1:76 scale, OO9

Era: N/A

Company/Operator: freelance

Weight: 341g

Chassis and body: Plastic

Minimum curve radius: 228mm (R1)

Couplings: Narrow gauge 'loop and peg'

Accessories: n/a

TMC EXCLUSIVE 24.5T WAGON

Words & Photography: Andy York



TM C has commissioned Bachmann Branchline to produce the 24.5T mineral wagon for OO gauge for the first time. This completely new tooling creates a family of wagons covering most variants.

Covering the period from BR Steam and well into the TOPS era between December 1952 and September 1962, BR built 3,395 24.5T mineral wagons to diagrams 1/115 and 1/118. The wagons were built by BR works at Ashford and Shildon. They were built primarily for coal traffic to coal-fired power stations and large industrial locations and often worked in block trains. A good number were lettered for specific routes but, in practice, often strayed from these routes. A small batch was produced with pressed side doors and there were differences in buffer types and axleboxes as well. Their

duties meant that they could be found from Scotland to South Wales, wherever coal was transported!

As the wagons moved into the TOPS-era they became classified as MEO and later variations included being re-bodied with single doors or with sealed doors for transporting non-coal mineral loads, such as sand.

A frequently seen marking on these wagons is the yellow bodyside triangle, which helped staff distinguish the wagons from the numerous 21T type wagons, which on a dark night in a yard could easily be mistaken with the principal difference being the overall height of the wagon body. When looking at photographs of workings, it's easy to mistake one type for another, unless there's a mixture of the two types in a train, but the surest way to differentiate them is

the height of the upper door panel, which on a 24.5T wagon, is about half the height of the lower door (rather than a third of the height on a 21T wagon). The wagons will look particularly pleasing when mixed with 21T and 16T types for the typical variety, which trains included over the years.

A remarkable variety of wagons within the same classification are being catered for with both oil and roller bearing axleboxes, plain and pressed side doors, spindle or self-contained buffers, single or double door drop hangers and various permutations thereof.

There is a mixture of products available as individual wagons or as twin packs with different numbering markings. The style and content of numbering, lettering and routes to be worked also shows considerable variation and also adherence to prototype

datafile

BASICS

Manufacturer: Bachmann Branchline for TMC

Catalogue Refs: See themodelcentre.com

RRP: £29.95 single wagons, £59.90 twin packs

Gauge/scale: 16.5mm gauge, 1:76 scale
OO

Era: 5 to 8

Company/Operator: BR

Weight: 30g

Chassis and Body: Plastic

Minimum curve radius: 438mm (R2)

Wheel Profile: RP25

Couplings: NEM-mounted tension-lock

Accessories: Cosmetic instanter couplings



images. At launch, there are seven different packs available totalling 10 distinctly different wagons. The individual wagons are £29.95 and the twin packs of wagons are £59.90. Beyond this, there are the options from TMC to weather the wagons (Value Weathering + £4.00, Light Weathering + £8.00, Medium Weathering + £8.00, Heavy Weathering + £8.00 and Deluxe Weathering + £15.00. We have also reviewed the deluxe weathered versions, which are of an exceptional standard of commercial bespoke weathering. For a further £5.00, TMC can add a real coal load and individually renumber wagons for an additional £25.00. The modeller, therefore, has the choice of everything from the basic product through to highly individualised items.

- (38-925Z) B280037 & B280009 in BR grey livery with spindle buffers and oil axleboxes
- (38-926Z) B282087N in BR grey livery with pressed side doors, spindle buffers and oil axleboxes
- (38-928Z) B281982 in BR grey with yellow triangle with pressed side doors, spindle buffers and roller bearings and B281146 in BR grey with yellow triangle with spindle buffers and roller bearings
- (38-929Z) B282904 & B282891 BR grey, yellow triangle and black data panel marked 'Load only to John Summers & Sons Ltd Hawarden Bridge Shotwick Sidings LMR (GC)
- (38-930Z) B282299 in BR grey with yellow triangle and black data panel marked 'To work between Rawdon Colliery & Hams Hall C Power Station'. Self-contained buffers and roller bearings
- (38-932Z) B282217N in BR grey livery

with yellow triangle, data panel coded COAL 24 1/2, self-contained buffers and roller bearings

- (38-933Z) B282827 in BR grey livery with yellow triangle, data panel coded COAL 24 MEO, Oleo buffers and roller bearings

Everything looks and feels right about these models and they meet Bachmann's usual standards. Decoration is particularly pleasing with its individuality and they can all be thoroughly recommended.



KATO CLASS 800

Words: Howard Smith Photography: Tony Wright

Receiving a first model from a manufacturer new – to the British railway scene, at least – is always a welcome sight. Japanese manufacturer Kato is better known for its models of high-speed, freight and express trains for continental Europe in N scale, and N and HO scale models of prototypes for the North American market. However, it has remained largely elusive in the UK, until now.

Post-WWII Japan re-invented itself as a country focused on high-tech manufacturing – something we've seen in the components used in many models. Tenshodo motor bogies and Mashima motors have powered many kit-built models, but at last, we can see a complete model from a Japanese manufacturer, of a British prototype, itself assembled by a Japanese manufacturer, operating in the UK.

Partnering with Gaugemaster, Kato has

brought to production 1:148 scale models of the UK's latest high-speed train platform to enter service – the Class 800 Intercity Express Train (IEP), assembled by Hitachi Rail Europe.

The IEPs, constructed between 2014 and 2018, are of a modular design, being an adaptation of Hitachi's A-train platform, for the narrower British loading gauge. The bodies are of lighter aluminium construction and power is bi-modal, receiving power from overhead line electrification (OHLE) under normal operating conditions via a pantograph, while underfloor generators provide emergency power, should a diversion or OHLE failure occur. Operators of the Class 800s are GWR, with its 36 five-car 800/0 sets and 21 800/3 nine-car sets, and LNER with 13 'Azuma' Class 800/1 nine-car and 10 five-car Class 800/2 sets.

Running along the East Coast Main Line

and Great Western Main Line, the units have displaced older Class 125 HSTs, Class 91s operating with DVTs, and Class 180s.

Not without their teething troubles – as per many new locomotive classes following large-scale introduction – problems have included electro-magnetic interference with lineside equipment, overheating generator units, and, more recently, cracks in the welds of bogie yaw damper brackets. The last-mentioned problem saw GWR and LNER suspend their Class 800 series trains in May this year, with a long-term solution to the problem said to be underway.

We were kindly sent for review a sample of Class 800/0, 800021 in GWR livery from Gaugemaster. Also available is 800/2, 800209 in LNER 'Azuma' livery. Both five-car models are available from Gaugemaster and its stockists. In addition, Gaugemaster is retailing exclusive train set versions of both models in its branded packaging, containing an oval of Kato Unitrack and a controller/transformer, too.

Kato's model is wonderfully presented in book-style plastic packaging, with a precision-cut foam interior, holding the cars and track in-situ. Quite unlike what we're used to seeing, it is neat and removes much of the 'faff' of assembling a multiple-car train from individual boxes. Provided



The sleek aerodynamic lines of this 21st century design look correct from every angle. Livery application is flawless.



datafile

BASICS

Manufacturer: Kato**Catalogue Refs:**

(K10-1671) Class 800/0 GWR 'IET' 800 021 five-car EMU

(K10-1674) Class 800/2 LNER 'Azuma' 800 209 five-car EMU

(GM2000103) GWR Class 800 'IET' five-car EMU train set

(GM2000104) LNER Class 800/2 'Azuma' five-car EMU train set

RRP: £209.95, £249.95 (train sets)**Gauge/scale:** 9mm gauge, 1:148 scale N Era: 11**Company/Operator:** GWR, LNER**Chassis and Body:** Die-cast chassis with plastic body**Weight:** 30g per car, power car: 75gms**Minimum curve radius:** 282mm**Wheel Profile:** RP25**Couplings:** head connection to combine two trains**Accessories:** short- and long couplings

Beautifully-presented, the model arrives with instructions and some of the manufacturer's Unitrack.

inside are instructions, with details of spares distributor, Gaugemaster.

Livery application is flawless, the perfect level of sheen carried by the regularly-washed units being captured well. Predictably, the hue of GWR green has caused debate among some modellers, but it appears very close to the vinyl finish of the prototypes. The contrasting cream around cab- and passenger door surrounds is exceptional given the thickness of these lines, as is the pin-sharp orange cantrail stripe. GWR lettering to the nose, sides and the unit number is legible and sharp. The detachable nose of the prototypes leaves a visible gap, of similar thickness to the cantrail stripe. Though correctly moulded in the plastic of the model, a thin black line of paint might have made it more prominent.

In use, the units quickly received a layer of ballast and brake dust in areas not reached by the washing plant, such as the ends and roof. Weathering a unit to reflect this must be done carefully – it would be a crying shame to spoil the paint of this model.

The raised and inset detail around the bodysheet is impressive, both in its quantity owing to the complex roof and underframe

panel arrangements, but also in its quality and refinement. The pantograph, despite its miniature size, appears authentic, and roof ventilators are clearly visible beneath the grilles. Granted, given the scale, some detail can be forgiven for being omitted – LED destination boards, inter-car jumper- and power cables, for instance.

On test on Peco Code 55 track, our unit performed capably and smoothly at slow and high speeds, the power unit being located adjacent to one of the outer cars. Some users have reported wheel flanges interfering with rail chairs on Atlas Code 55 track, though with Peco Code 55 being a standard for many British layouts, this shouldn't pose a problem to most.

Following early feedback of the first batch of GWR Class 800s, it was noted that the interior seating configuration was incorrect for Coach 4 (814021) in the set. First Class features 2+1 seating with tables, while Standard Class is a mix of 2+2 and airline-style seating.

The issue only affects the first 1,000 models of the first production run of GWR-liveried Class 800s. Kato has modified

tooling for future releases and subsequent GWR Class 800s and all LNER examples will feature the newly-tooled correct interior configuration for Coach 4 (814021). Buyers of models concerned can enquire with their retailer, or directly with Gaugemaster for a replacement.

In conclusion, these sets represent excellent value for money. Bar painting underframe end boxes and door handles silver, and equipment box catches yellow, or perhaps adding footsteps to the bogie beneath the cab, there's little room for improvement. Here's hoping that we'll see further releases from Kato. Recommended.



When in its packaging, or parked on your layout, the model's pantograph stows away neatly...

... but when required, it is easily lifted using fingernails to a prototypical height and, importantly, stays put.



HORNBY 'CORONATION SCOT' COACHES

Words & photography: Tony Wright



Introduced in 1937, the streamlined 'Coronation Scot' was the answer to the rival LNER's 'Coronation'. However, although the LNER train was a new concept (following on from the 'Silver Jubilee' of two years earlier), with articulation and 'streamlined' cars, the LMS train was made up of 'blinged-up' carriages, in a striking silver striped/blue livery and fitted with pressure ventilation. It's claimed that because LMS carriages of the period were so far ahead of any of the other 'Big Four's' types, a 'new' train wasn't needed. It begs the question, why was a new train built just two years later?

For the 1937 train, 27 vehicles were built, marshalled into three, nine-car sets (one for both daily services and one spare). The rakes were comprised of Brake Third Corridor, Third Open, Kitchen Car, Third Open, Third Open, Kitchen Car, First Open, First Corridor and Brake First Corridor. The respective open cars were used for dining. The trains always ran with the third Class leading, and they were hauled by Stanier's magnificent 'Princess Coronation' Pacifics. The services were abandoned during the War, and post-War, individual cars were used in general service trains. All had gone by the early-1960s.

I've been sent two types for review, a Third Open and a Kitchen Car. Some elements in these models come from

Hornby's already-established range of LMS carriages (the 57ft underframe on the TO, for instance), but much is new tooling, especially for the Kitchen Car on its 50ft underframe. In fact, attention to different features is incredible. It would have been all too easy for Hornby to fit standard LMS 9ft bogies to the Kitchen Car, but the correct, ex-L&NWR, 8ft ones carry the carriage, unique to the 'Coronation Scot' Kitchen Cars; full marks for observation there!

In all dimensions, these cars are spot-on and beautifully-observed. Attention to detail is exquisite, with separate handrails and grab rails provided, only the end conduits being just moulded. All the roof detail – bar the thinnest conduit on the Kitchen Car – consists of separate fittings. The buffers are sprung, and the standard tension-lock couplings extend on negotiating curves. Alternative couplings and longer gangway connectors are supplied for those with more-generous curves. Wheels are true-round and concentric, easily negotiating both hand-built and Peco pointwork. The Kitchen Car is less free-running than the TO, though it's not stiff. The pick-ups on the wheels for the internal lighting introduce an element of friction, but I don't think that's the cause. In no way should it impede a Hornby streamlined 'Princess Coronation's' ability to take the full, nine-car rake.

Livery application is wonderful, especially

the silver stripes, without evidence of 'bleed', even around raised detail and the windows. Branding is equally good. The windows are flush-glazed, with just the slightest hint of a 'halo' around the reveals from some angles. The Third Open's body didn't seem to clip properly into the central slots in the underframe, evident in the photograph, but I'm sure this is an isolated case.

It's another outstanding item of new rolling stock from Hornby. Some years ago, I photographed a complete 'Coronation Scot' train, which appeared in BRM. Built entirely from kits by a professional model-maker, it was outstanding, but, no more-outstanding than this at a fraction of the price!

datafile

BASICS

Manufacturer: Hornby Plc

Catalogue Refs:

(R4965) D1981 RTO 8961, (D1912) RK 30086

RRP: £47.99

Gauge/scale: 1:76 scale, 16.5mm gauge, OO

Era: 3

Company/Operator: LMS

Weight: 800g

Body and chassis: plastic

Minimum Curve Radius: R2

Wheel Profile: RP25

Couplings: NEM-mounted tension-lock

REVOLUTION TRAINS

PCV WAGONS

Words: Howard Smith Photography: Tony Wright



A distinctive two-axle wagon shape has reappeared with these new models, available – already in limited quantities – from Revolution Trains. Previously manufactured by Accurascale in 4mm:1ft scale, the company has partnered with Revolution Trains to scale down the prototype for 2mm:1ft scale modellers.

Constructed by Metropolitan-Cammell to diagram 6/430 and design code PC 003A, the prototype wagons were used between 1961 and 1988, and were best known for their use on trains of Blue Circle cement from Cliffe in Kent to Uddingston, Glasgow. During their lives, they could be seen operating to other locations such as Aberdeen, Dewsbury, Dundee, Grangemouth, Sunderland and Widnes.

Motive power on the wagon rakes varied too, with 4-6-0 'Black Fives', 'Jubilees', 9Fs and even A4s toward the end of steam, to Class 25s, 26s, 27s, 31s, 33s, 37s, 40s, 45s, or 47s post-steam. Modellers won't be starved of options, at least.

Wagons are being sold in packs of three, of which seven are available – four with Blue Circle, pre-TOPS branding and three packs with TOPS numbers and in plain silver livery. Wagons contained in each pack aren't duplicates, either, each

featuring an individual running number with prototypical detail variations. Numbers aren't duplicated between packs, so if modelling longer rakes, a few packs can be combined without issue.

Kindly sent for review by the manufacturer was a sample of its wagons carrying the Blue Circle Bulk Cement roundel branding. The distinctive reinforced solebars are achieved by etched overlays and are neat, the smallest of lugs holding these in-situ during assembly. Side discharge pipes, upper loading hatches, buffers and discharge shuts are individually-fitted components – and strong, despite their size – but a more thorough examination reveals far more. To the underside, the discharge air reservoir and its pipe are visible, while the inner brake beams and their miniaturised wire retainers are also present. The outer brake beams and retainers are omitted, presumably because of clearance issues with the articulation of the NEM coupling sockets.

Livery application of paint, numbering and lettering is without fault. However, a common theme across all wagons received is the separately-applied tank-side branding, seemingly sloping to the left. Readjustment might be necessary.

On test, the wagons ran smoothly through Code 55 track, additional internal weight contributing to their 'grounded' performance, though unclipping the bodysell from the chassis should allow further weight to be added if deemed necessary. All told, a fine new range addition to the N gauge offerings by this brand. Recommended.

datafile

BASICS

Manufacturer: Revolution Trains
Catalogue Refs: (RT-PCV-BC-C) PCV 'Cemflo' triple pack in Blue Circle livery
RRP: £89.95
Gauge/scale: 9mm gauge, 1:148 scale N
Era: 6-9
Company/Operator: Associated Portland Cement Manufacturers (APCM)
Chassis and body: plastic
Weight: 14g
Minimum curve radius: 263.5mm
Wheel Profile: RP25
Couplings: NEM-mounted Rapido

WORLD OF RAILWAYS



DIGITAL EDITION EXCLUSIVE

Revolution Trains PCV wagons

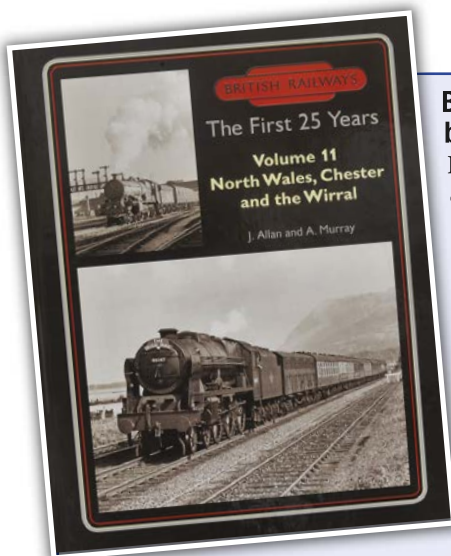
Howard Smith takes a closer look at these new triple packs of two-axle wagons in N gauge, manufactured by Accurascale for Revolution Trains.

WATCH THE VIDEOS HERE

(You must have a wifi connection to stream video content)



PLAY



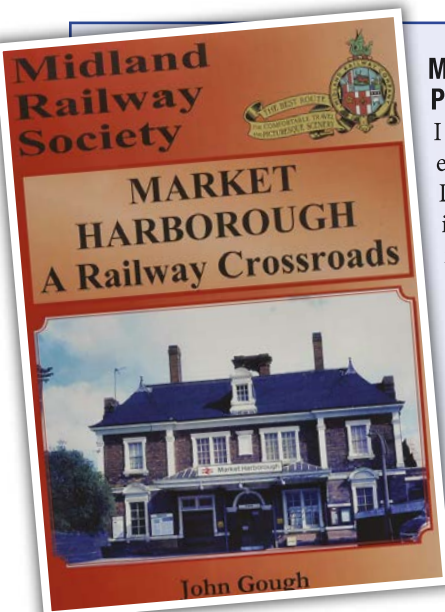
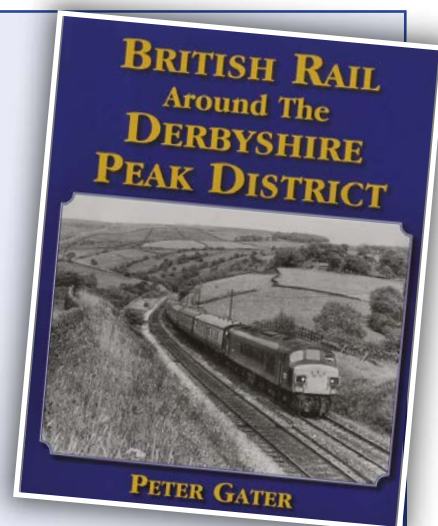
BRITISH RAILWAYS THE FIRST 25 YEARS VOLUME 11 NORTH WALES, CHESTER AND THE WIRRAL, by J. Allan and A. Murray, Lightmoor Press. PRICE: £22.50

I must begin by expressing an interest in this splendid book, because I was asked to proof-read it and expand on the captions to the Chester photographs. Those apart, nothing of the excellence in this lavish volume has anything to do with me. And, lavish it is. Lavish in its coverage, lavish in its text and lavish in its illustrations. All the routes, stations and workings mentioned are comprehensively-covered in 12 chapters. It's of immense interest to me because everything described has personal memories, which include observing the railways in and around Chester where I was born and grew up, and of travelling daily between Chester and Birkenhead during my early teaching days, and memories of holidays on the North Wales coast, (on one occasion, caravanning by the railway at Abergele!) and memories of 'bunking' all the sheds described. But, you don't have to have personal memories of the districts described to find this book of immense interest and use, particularly for railway modellers. In fact, for those who make models of what's illustrated, it's a fantastic resource. What strikes me the most is the immense variety that could be observed in the quarter of a century described. From antiquated GWR carriages at Chester, an even more-antiquated ex-GC 0-6-0ST at Wrexham, brand new 'Western' diesels at Ruabon and the final relics of steam at Birkenhead, plus everything in between. It is well-

written, beautifully-printed and packed with outstanding photographs. I must confess to not intercepting a few caption errors. The B1 in the lower picture on page 50 is not running wrong line (the angle of the picture is slightly misleading) and the D11 in the lower image on page 114 is not leaving Chester Northgate, but setting back to stock in the carriage sidings there. These are minor quibbles and should not take away from the enjoyment of this book. It's outstanding value for money and a must for any enthusiast's library.

BRITISH RAIL AROUND THE DERBYSHIRE PEAK DISTRICT, by Peter Gater, Pynot Publishing. PRICE: £9.95.

The first thing I have to say about this visually-entertaining book is what good value it is – 93 A4 portrait pages for under a tenner! Not that it's been produced on the cheap; the standard of reproduction is excellent. The areas covered include the Wirksworth Branch, the Matlock Branch, Derby to Clay Cross, Dore to Chinley, New Mills to Buxton, and around Buxton. The variety of motive power illustrated is incredible with every diesel type associated with the lines illustrated (there are also some steam-in-preservation shots as well). Not only that, there's a wealth of surviving steam-age infrastructure pictured to delight the eye – most, inevitably, having disappeared in the 40+ years since the first photographs in this book were taken. Indeed, the locomotives and the scenes shown are as 'historic' now as anything which had gone before. I think it's a wonderful work, especially since I was photographing at much the same time and at many of the same locations, though mine were in colour. The photographer died in 2009, but he's left us with a legacy of marvellous images. With each passing generation, interest in the BR blue era among modellers is on the increase, and this volume will be of great help to those who try to recreate the period in model form. Granted, several of the photographs show immediate post-corporate blue liveries, but the majority shows the locomotives and stock in blue/blue-grey. In retrospect, what interesting times they were, with locomotive-hauled expresses, mixed freights and that wonderful post-steam variety; all expertly captured by the late Peter Gater. Highly-recommended.



MARKET HARBOROUGH A RAILWAY CROSSROADS, by John Gough, the Midland Railway Society. PRICE: £14.95.

I always enjoy books published by the Midland Railway Society and this latest work is certainly no exception. The authors are always scholars and have a real passion for their subjects; as is the case here. Despite being on matt stock, the reproduction of the photographs, drawings, maps and diagrams (some in colour) is entirely acceptable and all are clear to see. The description in the title certainly fits, though now any 'crossing roads' have long since disappeared. Long-gone are the L&NWR routes to Rugby, Northampton and to Peterborough, and the latter's link to the Great Northern Joint. I regularly drive (or did, pre-Covid) through the surrounding areas, coming across the remains of those railways, each passing year disappearing more and more into Mother Nature. Thankfully, the elegant (and listed) station building still survives, though the rest of the place has been completely rebuilt down the years. At least trains can pass at a higher speed than in the past on this section of the Midland main line. All these changes are recorded in the work. Though not a 'Midland man' myself, I found the book fascinating, entertaining, informative and a good read. The photographs showing 'Peaks' in BR corporate blue were of particular interest, because I took many similar shots at the same place, at the same time. Thoroughly-recommended.

Cobalt digital IP DCC concepts

Unique features, real performance and exceptional installability

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 point motors just cannot do, no matter how expensive. Designed for modellers that just want to get on with running their trains without hassle, complex installation or wiring. Most importantly: Designed to be the best point motor ever... Guaranteed to last forever no matter how much you use them.

- Ideal for N, HO, OO, O & G scale
- Simple connection, Zero soldering
- Industry-best customer support
- Legendary Quality Control
- Detailed manuals with full detail & step-by-step setup examples



- Quicker to install and easier to connect than any other motor
- Ready to use for DC and DCC
- Totally complete & ready to go
- Super-simple addressing for DCC
- Frog control already built in.

Cobalt is the worlds best quality turnout motor range by far. Perfect for use on DC & DCC layouts, no matter which scale you model in

DCC concepts thinking outside the square

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

SLATER'S PLASTIKARD

16mm WD Wagons

Old Road, Darley Dale, Matlock, Derbyshire, DE4 2ER

Tel: 01629 734053; Fax: 01629 732235



Our latest 16mm narrow gauge wagon kits are for the War Department Light Railways and for Welsh slate quarries.

The kit for the **WDLR D Class wagon** has been available for a while; it is largely an injection moulded plastic kit, but with the most vulnerable parts supplied as brass castings. As with all our kits, it comes complete with steel tyred wheels and correct scale couplings in cast brass. **Reference 16W05, Price £81.00.**

The **WDLR K Class skip wagon** is also a plastic kit, and has steel tyred wheels and brass couplings. **Reference 16W06, Price £23.00.**

Also now available is the kit for the **WDLR A Class Wagon**. This has a one piece polyurethane body with separate underframe, and also has steel tyred wheels and cast brass scale couplings. **Reference 16W07, Price £36.50.**

The latest wagons for Welsh slate quarries are the Dinorwic Slab wagon (**16W08**) and the Dinorwic "Rubbish" wagon (**16W09**). Both are largely made from brass etchings with some castings and are complete with correct double flanged wheels. Each kit is priced at **£26.80.**



16W05



16W06



16W07



16W08



16W09

Slater's Plastikard also produces a range of other 16mm products in addition to those shown here. These include locomotive and carriage kits, wheelsets, scale couplings, axleboxes and track components.

In addition we have a huge range of products in other scales: O gauge, Gauge 1 and Gauge 3 - standard gauge; and narrow gauge items in 7mm, 1:32 and 1/8" scales. Plus the original Plastikard and Microstrip.

We are constantly adding new products to our range.

UK Postage & Packing: **£3.75** (for orders £10-£25); **£4.95** (for orders £25.01-£125); or **Free** for orders over £125 (excluding larger sheets of Plastikard). Overseas at cost (minimum £3.75)

www.slatersplastikard.com

GRAVESEND MODEL CENTRE

ALL YOUR WARGAMING,
MODELLING & RAILWAY
NEEDS UNDER ONE ROOF

SHOP OPEN:
MONDAY - SATURDAY
9am til 4.30pm
• Sunday 10am til 4pm

15 The High Street, Gravesend, DA11 0BQ
(Next to the Julius Caesar Restaurant)

E: gravesendmodelcentre@gmail.com

Tel: 01474 536531

Find us on Facebook
www.gravesendmodelcentre.co.uk

Harburn Special Commission BRIGGS DUNDEE no.23 - £22.95



'00' gauge



1/76 scale



Harburn Hobbies Special Edition Oxford Rail
12 ton Tank Wagon '00' gauge - Ref. OR76TK2008
Only £22.95 each - Available NOW!

Briggs were refiners of bitumen in Dundee (1931-1914). From 1949, they had branches in Aberdeen, Edinburgh, Glasgow, Leicester, Liverpool & Norwich.



P&P £3.20
per order

www.harburns.uk

Harburn Hobbies, 67 Elm Row, Edinburgh EH7
Tel. 0131 556 3233 Email: sales@harburns.uk

In The Greenwood LASER

Our latest products -

Our popular BS002 Bandstand is now available
in two smaller sizes to suit any layout



BS002 Large
£8.50



BS003 Medium
£7.50



BS004 Small
£6.50



£22.50 N-BR001
You can now get our
BS001 Bus Station
in N gauge too!



N-BR002 £13.50
Single Track Rail
over Road Bridge



N-WT001
Water Tower
£11.25

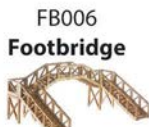
Top Selling Items



PC001 Canopies
£6.00



ST005 Hesketh Station
£20.00



FB006 Footbridge
£8.00

For the full range visit

www.inthegreenwoodlaser.co.uk



Isinglass Kits, 3d printed in high detail resin.

Easy to assemble kits, each part already has most of the details your model requires.

"The quality and fit of the Isinglass 3D printed parts is superb"
Mike Wild



Isinglass Diagonal 146 brake third built & photographed by Tony Pierson(c)

Focusing on the LNER and constituent companies, the kit range includes 61'6", 52'6" and 51' carriages, as well as articulated sets and pre-grouping diagrams with many more planned.



Tony Pierson(c)

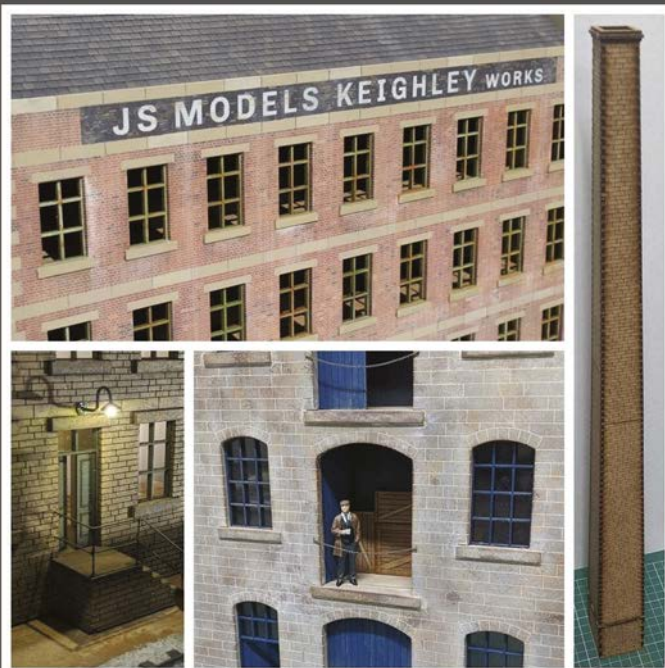


23 Oak Tree Road, Thatcham, Berks. RG19 4QP

Email: Andy@Isinglass-models.co.uk

01635 925627

JS Models



Laser-cut building kits & accessories

www.jsmodels.co.uk

sales@jsmodels.co.uk - 07855 415073

149 Morton Lane, East Morton, Keighley, BD20 5RS

www.YorkModelrail.com
Precision Laser Cutting

Online shop, selling our unique range of laser-cut scenery detailing and architectural components; helping you build your railway layouts



Plus affordable bespoke laser-cutting service catering for ALL SCALES and all model-makers, worldwide.

Price lists available in O, OO or N scale if you don't have internet access.

York Modelmaking 01904 400358 laser@yorkmodelmaking.com
Unit 13, Bull Centre, Stockton-on-the-Forest, York, YO32 9LE



Family Run Business

Buying Pre-owned Collections & Un-wanted Models

NOW STOCKING A WIDE SELECTION OF PRE-OWNED MODEL & NEW RAILWAY COLLECTIONS ONLINE & INSTORE

Send us a list or bring items in store & we will give you a **FREE** valuation!

Visit our eBay shop & like us on Facebook

[ebay](http://ebay.com) Find us on [f](https://www.facebook.com/agrmodelrailwaystore)

9 High Street Mews • 28 High Street
Leighton Buzzard, Beds LU7 1EA
Mon closed (seen by appointment)
Tues-Sat 10am-3pm • Sun closed
01525 854788

www.agrmodelrailwaystore.co.uk
sales@agrmodelrailwaystore.co.uk



Kent Garden Railways

16mm and G Scale Specialists

Whether its live steam, battery or electric for your garden we have the stock to get you going



LGB Premier Dealer * Accucraft * Piko *
Bachmann * Trainline * Roundhouse * Pola *
USA Trains and much more

Great Stocks of OO, HO & N

We have large stocks from the leading manufacturers



Hornby * Bachmann * Gaugemaster * Metcalfe
Heljan * Graham Farish * Dapol * Woodland
Scenics * Kato * Walthers * Kadee * Expo
Noch * Oxford Diecast * Kestrel * Atlas
Oxford Rail and much more

www.kgrmodels.com

68 High Street, St Mary Cray, Orpington, Kent, BR5 3NH

Tel 01689 891668 email sales@kgrmodels.com

Web, Telephone and Exhibition Sales



Wren - Accucraft 7/8th's scale live steam



Farish N gauge



Walthers HO sound SD70ACe

Broadway HO sound PRR K4



LGB 23530 Rbb G4/5 Steam Loco

Illustrated Catalogues Inc. post

OO, 009 (1/76th).....£6.50 in colour
N Catalogue (1/148th).....£5.50 in colour
O Catalogue (1/43rd).....£4.50 in colour

Mail Order By Return P&P £4, over £40 POST FREE.
Unpainted metal kits - glue with epoxy glue (£7.00)

LANGLEY MODELS
166 Three Bridges Road, Crawley, Sussex, RH10 1LE
Tel: 01293 516329 Fax: 01293 403955 www.langleymodels.co.uk



OO SCALE
NEW 60ft Trawler/Shrimper waterline £90,
10 Guards Marching £8
Loads of kits in our illustrated
colour catalogue or website
www.langleymodels.co.uk



8 assorted Sailors	7.50	Painted Cub Camp 1 tent & assorted 8 figures	21.60
3 Council Workers and Hand Cart	8.30	Painted 8 Assorted Sailors	20.20
10 Seated Spectators	7.90	Painted Seated Spectators/figures (5 assorted)	13.00
6 Ass Boilermakers/loco repair figs	6.05	Painted Loco Repair Crew/Boilermakers	15.10
6 Assorted Bus Drivers & Conductors	6.05	Painted Bus/Lorry driver and conductors	15.10
Bicycle and Riding Figure	3.55	Painted AA Box (incl colour artwork for 50 or 70's)	11.20
AA phone Box Circ '47on & paper artwork (.....	6.40	Painted RAC Box (incl 50or 70's artwork)	11.20
RAC Phone Box & paper artwork (.....	6.40	Painted 6x Fisherman/Trawlerman - Painted	15.15
6 x Fishermen / Trawlermen	5.85	Painted Quayside Figures & Equipment - Painted	15.50
Quayside Figs, lobster pots, fish trays	5.85	Painted Forester Figures and Equipment - Painted	15.15
Forresters, xcut saw, chainsaw, log split	6.30	Painted 6 x assorted Coal Miners	15.15
Country Garage (incl folding doors)	41.35	Painted Washing Line and figures	13.25
6 Assorted Coal Miners Set 1	5.85	Painted Pallet Truck and 4 pallets weathered	10.25
6 Coal Miners and Equipment Set 2	5.85	Painted Relaxed Loco Driver + fireman (4 figs)	11.25
8 Hydraulic Pit Props in Use (4 covered 4 open)	5.25	Painted Beekeepers & Beehives (3 white boxes)	12.10
8 closed hydraulic Pit Props (use in yard)	5.25	Painted Coalman carrying sack, coalsacks and scales	10.50
Washing Line, Washing & 2 Figures	5.85	Painted 'Wheelie' rubbish bins x 4	8.85
10 Loco Lamps (square & round)	4.05	Painted 4 x Postman & one Bicycle	13.00
Ass Loco Vacuum Pipes	4.05	Painted 60ft Seated Passengers set 1	15.15
Working street lamp kit square globe&LED	6.50	Painted 60ft Seated Passengers set 2	15.15
Working station lamp kit Octagonal globe&LED	6.50	Painted 60ft Seated Passengers set 3	15.15
4 Pallets & 1 Pallet Truck	5.60	Painted 8 Ass Walking Women	20.20
6 x Dented/Crushed Oil Drums	4.90	Painted 8 x assorted Walking male figures	20.20
4 Relaxed Loco Crew	5.10	Painted 4 x Track Repairs track str aighteners	11.25



N Scale
Country Garage with
folding doors £19.95
Includes
free garage posters



Cliff Railway Incl coaches & motorizing	127.40	Painted Funeral Scene	10.45
Suburban Station building	19.30	Painted Wedding Scene	20.40
Stained glass windows - small	5.60	Painted Cricket Game	30.10
Drain & Manhole Covers (brass)	4.10	Painted Church Notice board & crucifix	8.40
10 Oil Drums	3.85	Painted Lrg Wooden (Oak) Barrels x 4	6.85
2 rowing boats & fisherman	5.50	Painted Flower tubs and water butt	8.50
Country Garage (incl folding doors)	19.95	Painted Welding Figures & Equipment	9.80
3 Harnessed Horses	4.35	Painted Relaxed Loco Crew x 2	4.50
2 Unharnessed horses	3.10	Painted 5 Gardeners and equipment	12.95
Loco Crew Driver & Fireman	1.95	Painted 4 Pallets and pallet truck	9.60
Waterfowl-4 Swans & 4 Ducks	3.65	Painted 4 Beehives and 2 beekeepers	12.95
Washing Line & Figure	3.85	Painted 6 Bulk Building Bags sand	7.90
6 Assorted Cows	5.20	Painted 6 ass Rock Climbers	13.45
8 Seagulls- 5 flying, 3 standing	3.65	Painted 40ft Highland Cattle	9.05
6 Assorted Dogs	3.40	Painted Fire Fighters 50's	13.45
Hunt Scene-4 horses & riders 8 hounds	7.50	Painted 6 Ass Trawler & Fishermen	13.45
Working Men 1 on Ladder & 1 on trestle	4.95	Painted 8 Guards Marching	20.40
8 Pigs	3.65	Painted 100ft Guards Marching Band	23.80
8 Sheep	3.65	Painted Cub Scouts in Camp	28.00
10 Chickens	3.65	Painted 6 Seated Passengers/Figs Set 1	13.45
2 Shire Horses	3.10	Painted 6 Seated Passengers/Figs Set 2	13.45
Pub/Caf Scene	6.40	Painted 6 Platform Station Staff	13.45

MAC'S MODEL



RAILROADING

4-8 REFORM STREET
KIRRIEMUIR SCOTLAND DD8 4BS

TEL: 01575 572397

www.facebook.com/macsmodelrailroading

OPEN MONDAY-SATURDAY 10:30 -5:00

CLOSED THURSDAY

BRITISH, AMERICAN AND CONTINENTAL

OUTLINE STOCKED

COMPREHENSIVE WOODLANDS SCENIC

SELECTION

Tel: 01905 676167

MPB Model Supplies

10 St Andrews Street, Droitwich, WR9 8DY



We stock Peco track in these sizes:

OO Gauge, O Gauge, Gauge 1, SM32, and G45 Plus accessories to suit.

We also stock controllers, dcc equipment, and electronic modules from Gaugemaster and NCE, Scenic sound modules, scenic materials, and PECO Lectrics

We keep a selection of O Gauge locomotives and rolling stock ready for sale



www.mpb-model-supplies.co.uk

contactus@mpb-model-supplies.co.uk



MODEL ELECTRONIC RAILWAY GROUP

Who are we and what do we offer?

The group was set up in 1967 by some like minded electronic enthusiasts who had an interest in seeing how they could use their expertise to control Model Railways.

The membership has grown over the years and we now have members from across the world.

MERG offers each member access to expert advice, a Forum to ask questions, local Area Group meetings both face to face and online, four Journals a year, access to a wide range of self build kits and the opportunity to learn how to build and understand how electronics can enhance your Railway Models.

There is a one off joining fee for administration of £5.00 then the yearly membership is: UK £16.00, EU £18.00, Rest of the World £20.00



The photograph shows a couple of completed kits that would enable you to have a fully specified Digital Command Control (DCC) system.

They represent just a small part of our large range of kits.

Command station, Hand held CAB kit and power supply is £80.84 to members.

Please see our web site for more details on how to join and what we offer
www.merg.org.uk

MARCWAY POINTWORK

PROFESSIONAL Est. 57 Years
RENNOW FOR QUALITY

UNRIVALLED EXPERTISE IN TRACK AND POINTWORK
Ranges available in gauges 1, O, SM32, OO, EM, HO 0-16.5.
All are ready to run and spray finished. SAE or phone for leaflet
01709 542951

MARCWAY OO Gauge or EM GAUGE POINTS	MARCWAY O Gauge POINTWORK
36" Radius Points Left or Right Hand.....£29.50	48" Radius Points Left or Right Hand.....£55.00
48" Radius Points Left or Right Hand.....£29.50	60" Radius Points Left or Right Hand.....£55.00
54" Radius Points Left or Right Hand.....£29.50	72" Radius Points Left or Right Hand.....£52.50
72" Radius Points Left or Right Hand.....£29.50	90" Radius Points Left or Right Hand.....£57.00
Catch points Left or Right Hand.....£19.99	108" Radius Points Left or Right Hand.....£57.00
48" Radius Double Junction curved through diamond L or R £255.00	Diamond Crossing 108" Radius angle.....£79.00
48" Radius Double Junction straight through diamond L or R £255.00	Diamond Crossing with one road curved for 72" angle.....£79.00
Diamond Crossing 48" radius angle.....£69.50	72" Radius double junction with curve flowing through diamond £275.00
Double Slip Point 48" radius angle.....£120.00	72" Radius double junction with straight diamond.....£275.00
54" 60" Radius curved points Left or Right.....£39.50	72" Radius scissors crossover.....£350.00
36" or 72" Radius wye points.....£29.50	72" Radius double track crossover facing (RH) or trailing (LH).....£135.00
36" or 54" Radius 3 way points (offset).....£105.00	NEW 48" Radius scissors crossover.....£350.00
Tandem 3 way points Left or Right hand.....£105.00	NEW 48" Radius double track crossover facing or trailing.....£135.00
36" 28" Radius curved points Left or Right.....£39.50	Double slip point 72" radius angle.....£145.00
54" 60" Radius curved points Left or Right.....£39.50	Double slip point 72" radius angle.....£125.00
Double track cross overs facing RH or trailing LH.....£110.00	Double slip point 108" radius angle.....£150.00
Scissors cross over.....£325.00	Single slip point 108" radius angle.....£130.00
Introductory offer 4 x 36 or 48 radius points LH & RH.....£108.00	72" / 48" radius curved points Left or Right Hand.....£79.00
Layout planner full size photo stabs of OO or EM ranges.....£6.25	90" / 60" radius curve points Left or Right Hand.....£82.00
Injection moulded flex track to match OO (left) box 10 yards £39.50	108" / 72" radius curve points Left or Right Hand.....£85.00
Double track cross overs facing RH or trailing LH.....£39.50	72" radius Y point.....£55.00
Special metal fish plates (pack of 24).....£3.99	Catch points Left or Right Hand.....£29.95
MARCWAY GAUGE 1 POINTS	72" radius 3 way point (equal).....£130.00
10" radius points Left or Right hand.....£99.00	108" radius 3 way point (equal).....£130.00
15" radius points Left or Right hand.....£99.00	72" radius off set 3 way point.....£130.00
Diamond crossing angle to suit either of above (specify) £150.00	72" / 48" radius tandem 3 way points left or right.....£135.00
Double slip point angle 10" or 15" (specify).....£250.00	108" / 72" radius tandem 3 way points left or right.....£135.00
Single slip point angle 10" or 15" (specify).....£190.00	9" 6" 5" curved tandem 3 way point left or right hand £150.00
3 way points angle 10" or 15" (specify).....£250.00	Flexible track 10yd box injection moulded plastic base high detailed.....£60.00
Tandem 3 way points Left or Right hand.....£255.00	Introductory offer: 4 points 48" or 72" radius.....£200.00
Y points 10" or 15" (specify).....£135.00	Bullhead Rail joiners packet of 24.....£3.99
15" / 10" radius curved points Left or Right.....£150.00	Point lever with built in spring device.....£4.75
Double track crossover facing (RH) or trailing (LH).....£425.00	
Scissors cross over.....£750.00	

PCB, SLEEPING, RAILS, TEMPLATES, GAUGES, KITS ETC

Custom Pointwork
We construct custom pointwork & junctions in any gauge to your required specifications. All gauges O, 1, G including Dual Gauge & American O & Narrow Gauges.
PHONE MARC 01709 542951
(not always manned)
TECHNICAL & CUSTOM POINTWORK

MARCWAY SCALE FLEXIBLE TRACKS
Injection moulded plastic based. Finely detailed and proportioned to capture bullhead trackwork of the British Steam Era
O Gauge 0 Track 1258H Rail Nickle Silver, Box of 10 yards.....£60.00
J Scaleway 00 Track 758H Nickle Silver Rail, Box of 10 yards (Special Offer)£39.50

NEW OBSOLETE HORNBLY
As well as the current range of Hornby, we carry 100's of new obsolete locos no longer available, also rolling stock etc
www.marcway.net

MARCWAY SCALE MODELS
VISIT OUR SPACIOUS SHOP - 1200sq ft Sales Area • SHOP OPEN 10am-4pm CLOSED WEDNESDAYS
Phone, Fax or Post your order. marcway.co.uk • marcway.net has full Marcway Pointwork list
HORNBLY & SCALEXTRIC MAIN AGENTS Peco - Farish - Gaugemaster - Bachmann etc. Sets, Train Packs, Locos & Rolling Stock, Track Controls & Accessories etc. Also modellers tools, airbrushes, paints, plastic, metal and wood section and sheet. *Secondhand equipment bought and sold. Vast selection combined with helpful & friendly service - Free technical advice by phone or in store*

598-600 ATTERCLIFFE RD, SHEFFIELD S9 3QS
SITUATED 2 MILES FROM M1 JUNC 34 (Meadowhall Exit) 200yds from Attercliffe Tram Stop



Train Control Systems

www.tcsdcc.com

UNITED KINGDOM

Orders despatched from our UK Office



UWT-100
Universal WiFi Throttle
MSRP £210

Get £20 off each additional throttle when more than one purchased together

Free Shipping on orders over £100
online shop at: uk.tcsdcc.com

Coming Soon Pre-Order Now



UWT-50

- WiFi Utility Throttle
- Centre Knob Control
- Dual Side Switches
- Full-text screen

End of Line

M1P-UK
M1 with 2" 8-Pin NMRA harness **£20**



Top Decoder Sellers

DP2X-UK
8-pin direct plug 2-function decoder



K0D8-A
N-Scale Drop-In



EU821
8-function 21-pin plug and play

Sale



Open Mon-Thu 10am - 4pm
Phone: 074973 89826
Email: uk_sales@tcsdcc.com
Cheques not accepted

P.O. Box 17749
Bromsgrove
B60 9NJ
United Kingdom

The Train Doctor

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!

Call us or search our website for "Train Doctor" for more details.

**"Lethargic loco?
Temperamental train?
Kaput controller?
Come see the Train Doctor
at Hobby Trax!"**



hobby TRAX

0345 065 4472 www.hobbytrax.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 & Classic.

Modelling materials & tools.

Vallejo Model Colour, AK pigments and washes
MIG Primer, Varnish & Weathering Products

accurascale
OFFICIAL STOCKIST

Wide selection of Books & Magazines



ALTON MODEL CENTRE

Monday: Closed
Tuesday to Saturday: 9.30am to 5.00pm
Sunday: see website / call

Tel: 01420 542244
sales@altonmodelcentre.co.uk
altonmodelcentre.co.uk
7a Normandy Street, Alton

Model Train Sales

Friday 23rd July & Friday 20th August 2021 at 10.00am

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



Thornaby Room auction, viewing 8.00am - 10.00am on the day of the sale, subject to government guidelines

Live internet bidding at www.vectis.co.uk & www.invaluable.com

Contact **Michael Bond** 01642 750616 michael.bond@vectis.co.uk
Mike Delaney 01993 709424 mike.delaney@vectis.co.uk

Items Always Wanted for our Vintage & Modern Train Auctions

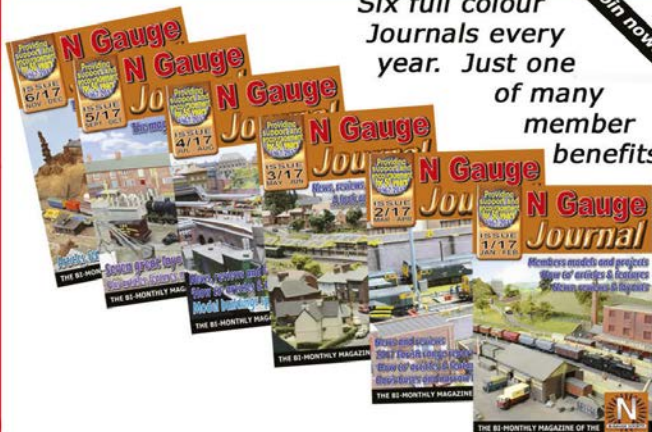




N Gauge Society Another great read

Six full colour
Journals every
year. Just one
of many
member
benefits

Join now!



News and Reviews



Superb Layouts



Expert Advice



For introductory pack and free sample journal send £1.50 (£2.50 overseas) to:
Dept BRM, 52 Gainsborough Road, Wallasey, Merseyside CH45 8PT

www.ngauesociety.com

LIGHT RAILWAY STORES

The online marketplace for narrow gauge,
light railway and industrial modelling...



Engineering sample shown.



Ready-to-run. Four liveries. Pre-order now from £115



Kerr, Stuart "Victory" 0-6-0t in OO gauge



Narrow Planet • 009



Rapido Trains UK • 00



Meridian Models • 009



Custom etched nameplates,
number plates and works
plates for all scales,
configured for your models.

www.lightrailwaystores.co.uk

PO Box 297, Bexhill-on-Sea, TN40 9HF

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!



NEW & USED MODEL RAILWAYS

Specialists in Model Trains since 1994 - Servicing, Repairs & DCC Decoder Fitting
2J Brighthouse Business Village, Riverside Park, Middlesbrough, Cleveland TS2 1RT



Tel: 01642 909794

Open Mon-Sat 10am-5pm

Web: www.petersspares.com

Email: sales@petersspares.com



GAUGEMASTER

SR Hobbies

From our hobby

To yours



Now stocking Tiny Hong kong



Argos Hino Code 3



Stagecoach recovery Hino
Code 3



Shell garage Diorama



First bus recovery Hino
Code 3



[facebook.com/S.R.lights.code3/](https://www.facebook.com/S.R.lights.code3/)



@SRhobbies



@Shedringhobbies



SR Hobbies



www.shedringhobbies.co.uk

07754 898 640

W.M. COLLECTABLES

ATTENTION ALL KITBUILDERS AND MODELLERS

I have acquired a lifetime collection of OO gauge unmade Loco, Coach and Wagon kits, many are no longer in production. There are etched brass, white metal and plastic kits from over 20 manufacturers and covering a wide range of Railway Companies.

There is also a large quantity of kit building accessories including wheels and motors.

Over 1300 kits are now on the website together with a good range of built kits. Hundreds of "Ready to run" items, mainly Hornby and Bachmann will be added shortly.

I also specialise in collectable and quality pre-owned model railways in a variety of gauges, including Triang OO and TT, Hornby, Hornby Dublo, Wrenn, Bachmann, Mainline, Lima and Airfix.

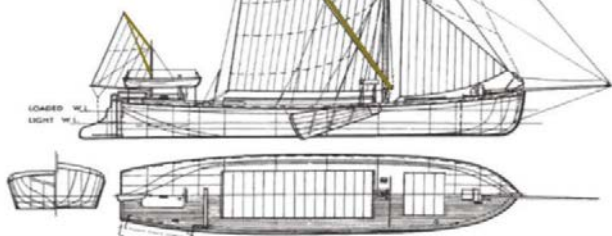
Phone: 01444 413723

Email: andrew@wmcollectables.co.uk

website: www.wmcollectables.co.uk

*Supplying scenic models
For use by
Railway Modellers*

Vintage Miniature Models



**Ready to use Traction Engines £15.00
Various Ship Fittings for
OO and N scale Models**

*Model Designers and Diorama makers
Vintage Miniature Models*

17 Wycombe St
Darlington
Co Durham
07946 499237

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

THE INTERNATIONAL

N GAUGE SHOW

THE SHOW FOR THE RAILWAY MODELLER



**SATURDAY 11th & SUNDAY 12th
SEPTEMBER 2021**

Saturday 10am – 5pm Sunday 10am – 4pm

**WARWICKSHIRE
EVENT CENTRE**



**ONE OF THE LEADING
SHOWS DEDICATED TO
ALL THINGS N GAUGE.**

See major manufacturers
& nearly **40 specialist
suppliers** showcasing
the latest models &
products in one place.



**ALL tickets MUST be purchased in advance to
guarantee entry to the show in 2021.
Tickets are purchased and valid for a specific day
only i.e. Saturday or Sunday.**

We will release tickets in line with government guidelines
on capacity limits. Tickets will only be available via our
website www.ngaugeshow.co.uk.

TICKET PRICES

**£11.00 Adults
£10.50 Seniors (over 65yrs)
£5.50 Child (5-14 yrs)**

Meridienne Exhibitions cannot process any telephone
bookings. If you have event specific enquiries please
call 01926 614101.

Meridienne Exhibitions Ltd will continue to monitor
and act on advice from the Government and respond
accordingly to guidance throughout the coming
months, to ensure the event can safely be delivered
with compliance to any Covid-19 requirements that
may be in place at that time. Please make sure you visit
our website for the latest information prior to your visit.

**Over 25
layouts
on show...
Modern,
Steam,
American,
and
Continental
...the best of
N Gauge.**

Exhibition Link Bus on Saturday 11th only

Please see our website
for full details.

www.ngaugeshow.co.uk



@MeridienneEx



Meridienne
Exhibitions LTD

Organised by Meridienne Exhibitions Ltd



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



125 Reaver House,
12 East Street,
Epsom, Surrey KT17 1HX

C & L are the suppliers of well proven range of track components for 30 years in both 4 & 7 mm scales. With our easy build point kits and range of flexi tracks. New products are added to the website as they become available so do keep a watch for website up dates.

Please note no payment through the website

OFFICE HOURS 10.00 - 14.00 Monday, Tuesday, Thursday & Friday.
14.00 - 19.00 Weds. Closed Saturday & Sunday

Tel: 01372 748490 • www.clfinescale.co.uk



C&M Models

1 CROSBY STREET, CARLISLE CA1 1DQ Tel: 01228 514689

Web: <https://candmmodels.co.uk> E-mail: sales@candmmodels.co.uk

Opening hours: Tuesday to Saturday, 10.00 to 16.30

Please note that our stocks are constantly changing and some of the models shown may no longer be available

CAMBRIAN 4mm Wagon Kits

Online shop including prompt worldwide delivery (no UK VAT outside UK)



C27 BR SALMON long wheel base bogie (load not included)

Also available

C46 BR SALMON short wheelbase bogie C47 LMS BORAIL BBP - BR SALMON
C88 EWS 50ton Bogie Rail Wagon - YSA/Salmon C28 BR BORAIL ECEB-MB
and many other BR Engineering wagons inc. Catfish, Dogfish and Mermaid

Wheels, couplings, paint and transfers needed. We sell Gibson wheels in OO, EM & P4

Over 100 more kits available from Pre-Grouping to 1990's
See the website for details or send C5 SAE for list.

16mm Narrow Gauge Components are also available

www.cambrianmodelrail.co.uk

cmr@cambrianmodelrail.co.uk

01322 515672 2pm-4pm PO Box 85, Greenhithe, Kent. DA10 9DN

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 Sheetting, Scale Ladders, Stairs and Railings, Open Web Trusses.

Essential for all scratch model makers.

www.plastruct.co.uk

Send £3.80 post free for our 60 page 00 catalogue detailing all our other kits.

TOWNSTREET,
6 KIRKILL, BLENCARN, PENRITH,
CUMBRIA, CA10 1TZ
See our new extended website!
www.townstreetuk.co.uk
MON TO FRI 2-8PM 01768 88456
MAIL ORDER ONLY

From the Stonecast range that brings realism to your layout

NEW - 6 Road Engine Shed £99.50
Stand Alone Engine Shed Office **£39.00**
As Above But Without 1 Wall For Side Office **£25.00**

EILEEN'S EMPORIUM
Mail order: Unit 19.12 Highnam Business Centre
Newent Road, Gloucester, GL2 8DN, ENGLAND
VISITORS STRICTLY BY APPOINTMENT ONLY

Tel: 01531 828009
sales@eileensemporium.com
www.eileensemporium.com

For Metal Sheet, Strip, Tube and Sections

For Brass, Nickel, Aluminium, Copper, Phosphor Bronze, Silver Steel
Tubes from 0.5mm upwards, Sheets from 0.002" to 0.064"
C, L, T, U and Z sections. Wire, Straight and Coiled
Metal Strips, Piano Wire
And So Much More

Visit our webshop www.eileensemporium.com

UK TOY & MODEL AUCTIONS

LIMITED

Our next Auction is Monday 9th August 2021

This Sale will be online only with no public attendance and no viewing.
Auction Starts at 12.00pm



300+ Lots including Hornby, Bachmann, Dinky, Corgi, Matchbox, and more.



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

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

GHOST-SIGNS.COM

Realistic faded street advertising in miniature



Add a little extra character and individuality to your layout's towns and villages with our authentic replica faded 'ghost sign' adverts. Ideal for card, plastic or resin buildings, in a choice of paper or water-slide transfer.

- OO and N Gauge
- Free UK delivery
- Personalised options

NOT ONLINE? CALL 07970 977 628 FOR AN ILLUSTRATED PRICE LIST

MAD ABOUT TRAINS OF GAINSBOROUGH (K&M MODELS)

For all your Model Railway needs from design to finished layout, scratch built buildings, trees dioramas etc. We carry a vast selection of scenic materials. We carry a comprehensive range of all aspects of Railway Modeling from track pins to finished layouts. DCC Specialist, repairs, weathering etc undertaken in our own workshop. Hornby, Bachmann, Peco Gaugemaster, Dapol and Knightwing stockists. Large range of scenic materials. We are always looking for second hand collections. Just give us a call or come and visit our shop.



Tel: 01427 811040

Mobile 07858612716

106 Trinity Street, Gainsborough DN21 1HS

e-mail: sales@madabouttrains.co.uk

www.madabouttrains.co.uk

mike's models - THE MODELLERS MODEL SHOP -

Whether you want a ready to go kit to start a new hobby, the materials to build your model from scratch or anything inbetween.

Then come see why we are the modellers model shop of choice!

Contact us on:

0121 360 4521

Email: info@mikes-models.co.uk

www.mikes-models.co.uk

Over 11,000
products
in stock

Covering all
aspects of
modelling

Expert
advice from
passionate
modellers

Great after
sales support

**East Coast Railway
PLASTIC & METAL
G SCALE 45MM OUTDOOR
TRACK AVAILABLE**

Tel 07748008108

**THE BEST VALUE G SCALE 45MM GAUGE
SPECIALIST & PIKO RETAILER**

www.gscale.co.uk

£40.00
£27.50
£20.00
£20.00

Visit → Scalescenes.com
Download → Print → Build

Quality downloadable card model railway kits since 2005



Includes bonus Shelter & Lamp Hut

NEW Station Platform
A comprehensive range of surfaces and features for all eras. ONLY £3.99

View our large range of N and OO kits and texture sheets

Buy once unlimited prints

scale scenes .com

MP Middleton Press
Published 28 August

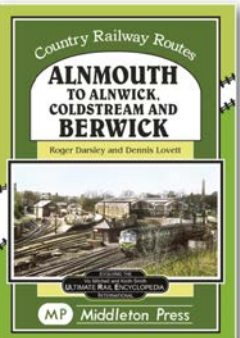
ALNMOUTH TO ALNWICK, COLDSTREAM AND BERWICK

WENNINGTON TO MORECAMBE AND HEYSHAM
LINES AROUND NEWMARKET

Albums £18.95 **FREE P&P (UK) MAIL ORDER**

www.middletonpress.co.uk

Easebourne Ln, Midhurst. GU29 9AZ T: 01730813169 E: sales@middletonpress.co.uk



Trains4U.com 27 St. David's Square, Fengate, Peterborough, PE1 5QA
Please see our website for updated 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

Produced by **CAVALEX Models**

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

Tel: 01733 895989 e-mail: Trains4U@BTConnect.com

Facebook Twitter Instagram

INVICTA MODEL RAIL

Southeast London & Kent's model railway specialist. Proud stockists of most major model railway brands

130 Station Road, Sidcup, Kent, DA15 7AB

Mon - Sat 10-4 (Closed Wednesdays)

0208 302 7774 • www.invictamodelrail.com

Top Trains .co.uk

NEW
Shop for model railway enthusiasts
OPEN 10am - 4pm
CLOSED Wednesday
Free Parking

Wide range of stock from all your favourite suppliers, PLUS repairs, weathering and advice.



Call us or see our website for details

28 Marston Road, Stafford, ST16 3BS
Tel: 01785 247883

TONYS TRAINS

Open: Tuesday to Saturday
10AM - 5PM (4PM on Saturdays)
Tel: 01788 543442

Email: tony@bmrail.co.uk
Web: www.bmrail.co.uk

Studio, The Locks, Hillmorton, Rugby, CV21 4PP

WE BUY YOUR MODEL TRAINS
GOOD PRICES PAID, PLEASE CALL TO ARRANGE A VALUATION



Mark's Trains

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

Facebook Instagram Twitter marks.trains.uk marks_trains_uk

PayPal Tel: 01933 355531 Mobile: 07969 535 699

H&A MODELS

19 Keats Way, Higham Ferrers, Northants. NN10 8DQ
Email: sales@hamodels.net

Coach & Wagon Kits • Wheels • Decals • Wagon 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 & Cans now available to purchase on Line and Mail Order

Complimentary EM & P4 wheel swops for 4mm Parkside Kits purchased from us

BEXHILL MODEL RAILWAY CLUB

ANNUAL MODEL RAILWAY EXHIBITION
SAT 14TH AUG 2021 10am - 5pm

St Richard's Catholic College
Ashdown Road TN40 1SE
Bexhill-on-Sea

Layouts • Trade Stands
Refreshments • Wheelchair Access

Adults: £5 Children: £2 Family: £12
FREE PARKING ON SITE

For further information visit
www.bexhillmrc.org.uk
or telephone 01424 576406

Bournville Model Railway Club Exhibition

Saturday 28th August 2021
The Austin Sports and Social Club,
30 Tessall Lane, Longbridge,
Birmingham, B31 2SF

10.00am - 4.30pm

Admission Adults £5; Concessions £4;
Family £9; Single child under 16 Free
when accompanied by an adult

Excellent public transport and plenty of free parking. Hot & Cold food available plus a Public Bar

For more information go to
www.bournvillmrc.co.uk
or telephone 07875179470

Visiting the Isle of Wight?

UPSTAIRS DOWNSTAIRS
Pier Street - Sandown
PO36 8JR

Two floors of locomotives, wagons, coaches, buildings, scenery, electrics, figures, cars and more!

ALL BRANDS H-009-HO 00-0n30-G

01983 406 616 - www.trainshop.co.uk



WD MODELS
"for all your modelling needs"

Your local supplier with all you need and more

25 Chatsworth Road, Chesterfield S40 2AH
01246 208244 • info@wdmodels.co.uk
www.wdmodels.co.uk

Facebook Like us on Facebook

BACHMANN **GRAHAM FARRISH**
AIRFIX **HORNBY**
PECO **STREAMLINE**
SCALEXTRIC

CLASSIFIED SECTION

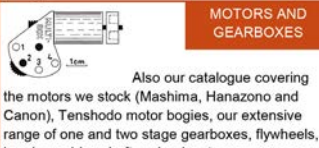
BRANCHLINES

KITS AND ACCESSORIES



Please phone, write (SSAE + £1 in stamps) or e-mail for catalogues covering our range of loco, chassis, coach kits in 4mm scale standard gauge, 4 and 7mm scale narrow gauge, and part coach kits in 7mm scale standard gauge.

MOTORS AND GEARBOXES



Also our catalogue covering the motors we stock (Mashima, Hanazono and Canon), Tenshodo motor bogies, our extensive range of one and two stage gearboxes, flywheels, bearings, drive shafts, wheels, etc.

P.O. BOX 4293, WESTBURY, BA13 9AA
Tel/Fax: 01373 822231 sales@branchlines.com

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

NICK TOZER

RAILWAY BOOKS

BOUGHT & SOLD

Free Railway Booksearch Service

155 Church Street, Paddock,
Huddersfield, HD1 4UJ
Shop now open:
Tue/Wed 11:00-17:00
+ Thu 14:00-20:00
Tel: 01484 518159 (answer machine)
www.railwaybook.com
email: nick@railwaybook.com

High Lane Model Railways

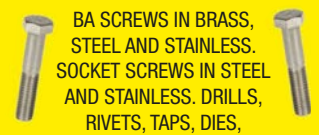
Stockport Indoor Market,
Market Place, Stockport SK1 1ES
Email: info@highlanemodelrailways.co.uk
Tel: 07955 362105

Stockists of
DAPOL • GAUGEMASTER • HELJAN
JAVIS • BACHMANN • GRAHAM FARISH
New and Pre-owned Model Railways
in gauges OO/HO • N • O
Also stock
Diecast cars • Buses • Track
Scenic Accessories, paints & adhesives

Open 9.00am - 4.30pm
Tuesday, Thursday, Friday & Saturday

ITEMS MAIL ORDER LTD

MAYFIELD, MARSH LANE,
SAUNDBY, RETFORD,
NOTTS, DN22 9ES
Tel/Fax: 01427 848880



BA SCREWS IN BRASS,
STEEL AND STAINLESS.
SOCKET SCREWS IN STEEL
AND STAINLESS. DRILLS,
RIVETS, TAPS, DIES,
END MILLS, SLOT DRILLS ETC

EMAIL: lostignition8@gmail.com or
PHONE: 01427 848880 FOR FREE PRICE LIST
www.itemsmailorderascrews.com

JACKSONS



Hornby, Bachmann, Graham Farish
Peco, Oxford, Woodland Scenics
and many more...

Visit our new website for the full range
www.jacksonsmodels.co.uk

33 New Street Wigan CA7 9AL
Trucks - Cars - Kits - Planes - Toy Soldiers - Railways - Hobby/Craft
016973 42557 info@jacksonsmodels.co.uk find us f t i

P & D MARSH MODELS

PAINTED OO GAUGE

PDZ31 Lawnmower/barrow/man£7.85
PDZ33 Man fishing from rowboat£9.50
PDZ37 Belshas/bus stop/post box....£8.70
PDZ39 Coalmen and scales.....£8.70
PDZ50 Loaded platform trolley/porter £8.70

PAINTED N GAUGE

PDX44 Trackside signs.....£8.00
PDX64 Boat with outboard motor£6.30
PDX66 Coalmen and scales.....£8.85
PDX351 GWR Home signal.....£8.75
PDX354L GWR LH junction signal.£16.75

AVAILABLE FROM ALL GOOD
MODEL SHOPS. DISTRIBUTED BY
EXPO TOOLS & DRILLS
WWW.PDMARSHMODELS.COM
07730 202270

Platform 3 Models

Layouts designed and built
from N to Garden railways
based in Devon. All loco
Servicing & Repairs and
DCC decoder installation
for N & OO

Contact Tom Hussey
Tel: 07811 903231
platform3models@hotmail.co.uk
Web search: platform 3 models

Severn Models

Fine Kits of Buildings & Miniature Detailing



Kits for N, OO & O layouts
See the website for a painting guide
Severn Models, PO Box 785,
Broseley, TF7 9FT, UK.
www.SevernModels.com

SPC SIMPLIFIED POINT CONTROLS

www.spc-cov.uk



Want to use less wires?
Struggle with soldering?
Want to use a more reliable system?
...Then check out
SPC TODAY!

Point alignment tools in N gauge & OO Gauge
making your point motor easy to fit

We specialise in products that make
creating your DC/DCC layout easier.

UDesign

Proudly made in the
County of Kent



3d Printed Loco Bodies

from **£42.00** (plus P&P)
bespoke numbering service available

To see the full range
or order online visit
www.cdc-design.net

THE HOBBY GOBLIN

STOKE-ON-TRENT

54 Hamil Road, Burslem,
Stoke-on-Trent ST6 1AU
New special commission 7-plank wagon
in OO and O gauge: 'Sneyd, Burslem'

- Hornby • Bachmann
- Peco • Dapol • Gaugemaster
- Woodland Scenics
- Plus much more!

OPEN: Tue, Weds, Fri 10-4;
Thurs 10-5.30 Sat 10-2
T: 01782 818433/07973 478294
E: thehobbygoblin-uk@hotmail.com
www.thehobbygoblin.co.uk

Tri-angman

specialist in model railways

Tri-ang, Hornby, Wrenn,
Bachmann, Minic etc...
buy, sell & repair hard to
find items and collectables

Find me on
www.tri-angman.co.uk
or contact:
Tel 07966 333605
laurence@tri-angman.co.uk

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 + £4.90 p/p



www.traxcontrols.com/shop
or S.A.E. details TRAX CONTROLS,
112 Sprowston Road, Norwich,
Norfolk, NR3 4QH

SKYTREX

MODEL RAILWAYS

Building Kits and Scenic Accessories
www.skytrex.com
Tel: 01509213789
Email: sales@skytrex.com

PLASTICS • METALS • SCENICS

OO & N Scale • Peco • Hornby • Bachmann • Metcalfe • Wills • Ratio • Dapol



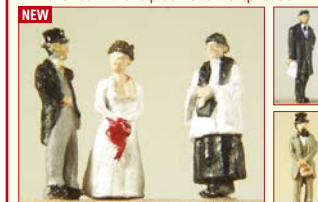
SPORTS & MODEL

www.sportsandmodelshop.co.uk
60 High Street, Orpington, Kent SE8 5JF • Based in the Highlands • Phone: 01349 862340

Mike Pett's Supercast OO & O Gauge Model Railway Figures

New OO Figures

Bride, Groom and Priest;
Charles Dickens plus Robert Stephenson



Painted figures **£5.50**
Unpainted figures **£2.50 (P&P £3.75)**
Cheques payable to: Mike Pett,
12 Chatham Street, Ramsgate,
Kent, CT11 7PP
Tel: 01843 593417 / 07976 724225
mikepettsupercast@gmail.com

TRIDENT TRAINS

No 10, The Craft Arcade
Dagfields Craft Centre,
Crewe Road, Walgherton,
Nantwich, Cheshire. CW5 7LG

www.tridenttrains.co.uk

HORNBY - BACHMANN - DCC CONCEPTS - TRAIN-TECH - FARISH - DAPOL
PECO - LENZ - GAUGEMASTER - METCALFE - RATIO + MUCH MORE
01270 842400

BACHMANN
RETAILER
of the YEAR
2018

Mercian Models
Visit our website
www.modelrailways.tv
High quality locomotives and rolling stock 4, 7 and 10mm scales (00, 0, 1 and NG)
1A MARKET WAY, HAGLEY, STOURBRIDGE, WEST MIDLANDS DY9 9LT
Telephone: 01562 884800

Model Railway Developments
We have a new website - new address as below.
Most items are in stock, plus a number of new ones
www.emardee.org.uk  tel 01372 817 504

 Always looking to bring you the best in
Digital Command Control systems and support

For further details please send a SAE to:
SCC Ltd. PO Box 381, Abingdon SO, OX13 6YB Tel: 01865 730455
Or visit our website at: www.scc4dcc.co.uk Email: info@scc4dcc.co.uk



Pooleys Puffers

MODEL RAILWAY SUPPLIES
NEW & USED MODEL
RAILWAYS

Partnership: David & Anne Poole
Diecast Models
Kits & Accessories

382a Jedburgh Court, Team Valley Trading Estate, Gateshead, Tyne & Wear. NE11 0BQ
Mon - Sat 10am-4pm, Sun CLOSED, Bank Holidays CLOSED
Tel: 0191 4910202/4106386
Mobile: 07976 519178 www.pooleyspuffers.com e-mail: pooleyspuffers@btopenworld.com

REDCAR MODELS & HOBBIES

Most leading brands of 'OO' gauge model railways & accessories.
Also Diecast, Plastic Kits, Woodland Scenics, K+S Metal Centre etc.

130 High Street, Redcar, Cleveland, TS10 3DH Tel: 01642 494912
(open Tuesday to Saturday)
Email: andrewnpaton@ntlworld.com



 **JOHN DUTFIELD LLP**

Stockists of many brands inc Bachmann, Hornby, Farish,
Gaugemaster, Accurascale, Cavalex and Peco.
Secondhand bought and sold.
Selection of kits, glues, tools, paints and accessories.
Wards Yard, 133 Springfield Park Road
(at the junction with Hill Road) Chelmsford CM2 6EE
TEL: 01245 494455. EMAIL: heatherwilkinson@btconnect.com
www.johndufieldmodelrailways.co.uk

Gift Vouchers available

OPENING HOURS:
9.00am-5.30pm
Mon, Tues, Thurs,
Fri and Saturday
Closed Wed, Sun
& Bank Holidays
All major credit/debit
cards accepted.

TUTBURY MODELS

COLLECTABLES **01283 814777** MODELS

UNIT 5, TUTBURY MILL MEWS, TUTBURY, Nr. BURTON-UPON-TRENT DE13 9LS

BASS/WORTHINGTON VENT VAN.....£13.50 (plus £3.00 p&p for either one or two)
6-WHEEL MILK TANK NESTLÉ 'OO' GAUGE.....£17.50 (plus £3.00 p&p for either one or two)
BASS/WORTHINGTON GRAIN HOPPER.....£13.75 (plus £3.00 p&p for either one or two)

ADVERTISERS' INDEX

3CP-TOOLS	128	GHOST-SIGNS	123	MERIDIENNE EXHIBITIONS	121	SKYTREX (2013)	126
3DK	128	GLR BESPOKE SERVICES.....	59	METCALFE MODELS & TOYS	10, 11	SLATER'S PLASTIKARD	115
3MM SCALE MODEL RAILWAYS.....	128	GOLDEN VALLEY HOBBIES	99	MIDDLETON PRESS.....	125	SPC SIMPLIFIED POINT CONTROLS	126
A C MODELS.....	47	GRAVESEND MODEL CENTRE.....	116	MIKE PETT	126	SPORTS AND MODEL SHOP	126
AGR MODEL RAILWAY STORE.....	117	GRIMY TIMES MODEL RAILWAYS.....	87	MIKE'S MODELS	123	STREET LEVEL MODELS'	126
AIRFRAMED GLASS DISPLAY CASES	128	GSCALE.CO.UK	123	MILLENIUM MODELS'	128	SUNNINGWELL.....	127
ALTON MODEL CENTRE.....	119	H. & A. MODELS.....	125	MERG	118	SUPERQUICK.....	91
ANORAKS ANONYMOUS	123	HANSONS AUCTIONEERS	89	MODEL RAILWAY DEVELOPMENTS .	127	THE 4D MODELSHOP	124
ASIS3D	128	HARBURN HOBBIES	116	MODEL RAILWAY SCENICS ONLINE.	128	THE HERFORD MODEL CENTRE.....	6
BACHMANN EUROPE PLC.....	2	HARDER & STEENBECK.....	46	MODEL RAILWAY SOLUTIONS	124	THE HOBBY GOBLIN'	126
BEXHILL MODEL RAILWAY CLUB.....	125	HATTON'S.....	16, 17, 70, 71, 132	MODEL SCENERY SUPPLIES	128	THE HOBBY SHOP	124
BILL HUDSON TRANSPORT BOOKS.	128	HIGH LANE MODEL RAILWAYS	126	MONK BAR MODEL SHOP	124	THE MODEL TRAIN CENTRE	87
BRANCHLINES	126	HOBBY TRAX.....	119	MORRIS MODELS.....	124	TMC.....	12-15
C & L FINESCALE	122	HOBBYRAIL.....	125	MPB MODEL SUPPLIES	118	TONY'S TRAINS	125
C & M MODELS.....	122	HORNBY HOBBIES	20	N GAUGE SOCIETY	120	TOPP TRAINS	125
CAMBRIAN MODEL RAIL	122	HOWARD SCENIC SUPPLIES	128	N S CAMBRIDGE	99	TOWER MODELS.....	3
CM3MODELS	99	IN THE GREENWOOD LASER.....	116	NARROW PLANET	120	TOWNSTREET	122
COASTAL DCC	87	INVICTA MODEL RAIL	125	NICK TOZER	126	TRAIN CONTROL SYSTEMS UK.....	119
CONNOISSEUR MODELS	128	IRISH RAILWAY MODELS.....	7	NU-CAST	59	TRAINS 4U.....	125
CRAFTY HOBBIES.....	126	ISINGLASS MODELS.....	116	P & D MARSH	126	TRAX CONTROLS	126
CRANE GARDEN BUILDINGS.....	60	ITEMS MAIL ORDER	126	PETERS SPARES MODEL RAILWAYS	120	TRI-ANGMAN	126
DAPOL	131	JACKSONS MODELS	126	PLATFORM 3 MODELS	126	TRIDENT TRAINS MODEL SHOP	127
DCC CONCEPTS PTY	89, 115	JOHN DUTFIELD LLP.....	127	POOLEYS PUFFERS.....	127	TUTBURY MODELS.....	127
DIGITRAINS	8	JS MODELS	117	RAILS OF SHEFFIELD	93-97	UK TOY AND MODEL AUCTIONS	123
DMG TECHNICAL	92	KENT GARDEN RAILWAYS.....	117	RAPIDO	86	UPSTAIRS DOWNSTAIRS.....	125
DREAM STEAM	91	KERNOW MODEL RAIL CENTRE .	18, 19	RED CAR MODELS & HOBBIES	127	VECTIS.....	119
DURHAM TRAINS OF STANLEY	128	KR MODELS.....	47	RON LINES.....	124	VINTAGE TRANSPORT	121
E.M.A MODEL SUPPLIES	122	LANGLEY MINIATURE MODELS.....	117	ROXEY MOULDINGS	128	W D MODELS.....	125
EILEEN'S EMPORIUM	122	LOCOMOTION	90	SCALE MODEL SCENERY	124	W M COLLECTABLES.....	121
ELLIS CLARK TRAINS	22	MAD ABOUT TRAINS	123	SE FINECAST	59	WARWICK & WARWICK.....	21
FINESCALEBRASS (UK) '	92	MARCS MODEL RAILROADING'	118	SEVERN MODELS.....	126	YORK MODELMAKING	117
FOX TRANSFERS	91	MARCWAY MODELS & HOBBIES	118	SHADY LANE MODELS	124	YOU CHOOSE.....	122
FRIZINGHALL MODELS & RAILWAYS .	98	MARKS TRAINS.....	125	SHEDRING HOBBIES.....	120		
GAUGEMASTER COM	23	MEGAPOINT CONTROLLERS.....	90, 98				
GFB DESIGNS (SIG-NA TRAK)	99	MERCIAN MODELS.....	127				

Millennium Models

Hornby, Bachmann, Peco and more.

New and Secondhand stock

Jarvis, Dapol, Metcalfe, Corgi, Oxford

67 Queen Street, Morley, Leeds LS27 8EB

Tel: 0113 2189286 www.millenniummodels.co.uk

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, O gauge, Gauge 1 and
Gauge 3 cases with
mirrored or clear back wall.
Prices start from £35.00 plus p&p.
Bespoke sizes made to order.
Prices on application.



Model Railway Scenics Online

New family run business! We have a small manufacturing local facility, producing foliage, scatter, clump and tree foliage and static materials. Visit our online store!

www.modelrailwayscenicsonline.co.uk

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

roxeymouldings.co.uk

Your website for finescale locomotive, carriage and wagon kits in OO and O gauges. A wide range of accessories in stock from Slater's, Markits, Romford, Alan Gibson and our own etched detail frets. Southwark Bridge coach kits and platform accessories. Motors for 4mm/00 and 7mm/0, with gears and gearboxes from Markits and Roxey. Markits OO rolling stock wheels and our own turned steel wheels for O gauge. For Exhibition sales only, we stock solder, flux and Precision Paints.

Roxey
MOULDINGS

58 Dudley Road, Walton-on-Thames, Surrey KT12 2JU

Tel: 01932 245439

Roxey
MOULDINGS



CONNOISSEUR MODELS

- O Gauge 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

3CP - Track Curve Plotting Tool

Unique, precise, easy to use, great way to plot and form realistic track routes



01606 889610 • 07743 426393

www.3cp-tools.co.uk • info@3cp-tools.co.uk

3CP

DURHAM TRAINS OF STANLEY

MORE THAN JUST A MODEL SHOP

WE STOCK ALL MAJOR BRITISH OUTLINE ROLLING STOCK AND SCENICS AS WELL AS OXFORD DIECAST. WE ALSO OFFER A CHIP FITTING SERVICE RTO READY AND HOME DCC READY LOCOS AND SERVICE MOST MAKES OF LOCOS. JUST CLICK ON OUR WEBSITE FOR MORE INFORMATION. WE ALSO HAVE OVER 3000 ITEMS FOR SALE ONLINE.

6 STATION ROAD, STANLEY, CO.DURHAM, DH8 0JL

SHOP OPEN MON-TUES-FRI-SAT OPEN 0930-1700 • THURS 1100-1700 • CLOSED WEDNESDAY AND SUNDAY
TEL: 01207 232545 • www.durhamtrainsofstanley.co.uk • email: durhamtrainsofstanley@gmail.com

3mm Scale Model Railways

Tel: 07449 075365

40 Page Full Colour Catalogue £5

Catering exclusively for TT and 3mm Scale

www.3smr.co.uk

BlackBeetle, BullAnt, Halling, Tenshodo

www.motorbogies.com



Howard Scenic Supplies

See our range of hand made model scenery



www.howardscenicsupplies.co.uk

Downloadable Model Railway Card Kits

Instant Downloads Straight to your Computer
from www.3dk.ca



See us on
YouTube
at 3dk.ca

Building kits come with a
selection of doors & windows,
period posters & adverts.

From one download you
get unlimited prints.

Try our free building
kit at www.3dk.ca

Building kits can be
easily re-scaled.

www.3dk.ca



www.asis3d.co.uk

Design & 3D printing service. Reverse engineered obsolete gears
& parts, scenic items & bespoke buildings in 2mm, 4mm and
7mm scales.

Secure online payment.

Postage charged at cost.

Email: info@asis3d.co.uk

Tel: 07895756620



Model Railway
Detailing Specialists

Suppliers of Detailing Kits &
Accessories in N, OO & O Gauge

www.northwesternmodels.co.uk

0161 494 2738

info@northwesternmodels.co.uk

Model Scenery Supplies

**Internet Shopping for
all your Scenic Items**

Browse our massive range of
scenic products with easy to use
ordering and fast delivery



modelscenerysupplies.co.uk

NEXT ISSUE

WATERY LANE

RECREATING A BUSTLING SCRAPYARD IN OO

**MORE
AMAZING
LAYOUTS**

Heaton Lodge Junction (O)
Catsfield (OO)



Metal B



Plus:

- A guide to lighting your layout
- Build your own viaduct
- Weather a Hornby Class 156
- Layouts with viaducts – inspirational ideas
- The latest new products on test

ON-SALE
FROM
AUGUST 12

Buffer Stop

There's always someone with a bigger train set

"What a whopper!" – pretty much what everyone who sees Pete Waterman's latest project will say, if only I had a cathedral to build my layout in.

We all love a bit of spectacle. Most of our team would love to visit Miniatur Wunderland in Hamburg or perhaps Grand Maket Rossiya in Russia, but even in the world of the giant model railways, the Germans can look smug, as theirs is just a bit bigger.



A few weeks ago, wearing his Garden Rail hat, Phil eagerly followed the signs towards the garden railway at Statfold barn. He expected to find something in 16mm scale, but it turns out the line is a garden, with a railway in it. A real 2ft gauge loop around a duck pond operated by a 1918 built, Kerr Stuart Wren class called Roger.

The best model railway is the one you have time and space to build. But there's nothing wrong with dreaming...

Would you like to go into space?

Andy: In space no-one can hear you scream; ideal for moderating RMweb then.

Debbie: Not a chance! I'm a nervous flyer when we're in this atmosphere!

Howard: Space is quite boring, largely empty, and dangerous, yet as a species we're fascinated by it. I'd rather explore a tropical island with a BBQ!

Phil: Have you seen the size of a space capsule? I'd never fit in one.

Ruth: I tried astronaut's ice cream years ago! Didn't like it, so no I'll keep my feet firmly on terra firma!

This month in pictures...



Start them young! The National Garden Railway Show provided Debbie's son Thomas with his first taste of a railway show.



Andy finds it useful if manufacturers say which tools should be used to get into a locomotive.



Phil visited the National Space Centre for a train free day, but he found this next door...



Statfold Barn Railway has an amazing collection of locomotives, and also one of Hunslet's finest products, a Scootacar!

Follow us



Follow us on
Facebook
Search for 'British
Railway Modelling'



Follow us on
Instagram
@brmmagazine



Follow us on
Twitter
@BRMmagazine

RMweb

Join the
discussion on
RMweb.co.uk



Subscribe to our
YouTube channel
Search for 'British
Railway Modelling'

dapol

model railway company

Dapol Limited, Gledrid Industrial Park, Chirk, Wrexham, LL14 5DG

Tel: 01691 774455
Fax: 01691 778866
e-mail: sales@dapol.co.uk

www.dapol.co.uk

Coming soon...

Class 50



2D-002-005 - Class 50 - Defiance 50149
Railfreight Grey Refurbished



2D-002-006 - Class 50 - Ajax 50046
Large Logo Refurbished



2D-002-007 - Class 50 - Resolution 50018 Late NSE Refurbished
Decorated samples shown for illustration only

**DCC Fitted
also
available**

**For DCC & Sound
versions visit
www.dapol.co.uk**

Class 142



- 2D-142-001 - Class 142 - Northern Rail (Debranded) 142096
2D-142-002 - Class 142 - Merseyrail 142042
2D-142-003 - Class 142 - Mock Great Western Chocolate & Cream 142022
2D-142-004 - Class 142 - Manchester PTE 142001
2D-142-005 - Class 142 - Provincial 142053

DCC Fitted also available

MJA



- 2F-025-008 - MJA Freightliner Heavy Haul Bogie Box Van 502019 & 020
2F-025-009 - MJA Freightliner Heavy Haul Bogie Box Van 502005 & 006
2F-025-010 - MJA Freightliner Heavy Haul Bogie Box Van 502011 & 012
2F-025-011 - MJA Freightliner Heavy Haul Bogie Box Van 502039 & 040



- 2F-025-012 - MJA GBRF Bogie Box Van 502009 & 010
2F-025-013 - MJA GBRF Bogie Box Van 502027 & 028

Previous models used for illustration purposes only

Turbot Bogie Bolster Wagon



- 4F-043-013 - Turbot Bogie Ballast Wagon Engineers Dutch 978281
4F-026-014 - Turbot Bogie Ballast Wagon Engineers Dutch 978115
4F-026-015 - Turbot Bogie Ballast Wagon Engineers Dutch 978339
4F-026-016 - Turbot Bogie Ballast Wagon Engineers Dutch 978665



- 4F-026-017 - Turbot Bogie Ballast Wagon EWS 978255
4F-026-018 - Turbot Bogie Ballast Wagon EWS 978101

Previous models used for illustration purposes only

HIA



- 4F-026-019 - HIA Freightliner Green Heavy Haul Limestone Hopper 369003
4F-026-020 - HIA Freightliner Green Heavy Haul Limestone Hopper 369007
4F-026-021 - HIA Freightliner Green Heavy Haul Limestone Hopper 369011
4F-026-022 - HIA Freightliner Green Heavy Haul Limestone Hopper 369016

Previous models used for illustration purposes only



- 4F-026-023 - HIA Freightliner White Heavy Haul Limestone Hopper 369023
4F-026-024 - HIA Freightliner White Heavy Haul Limestone Hopper 369039

Milk Tanker



- 2F-031-020 - 6 Wheel Milk Tanker United Dairies 44018
2F-031-021 - 6 Wheel Milk Tanker CWS Green 4409
2F-031-022 - 6 Wheel Milk Tanker Express Dairy E 37
2F-031-023 - 6 Wheel Milk Tanker United Dairies 4430
2F-031-024 - 6 Wheel Milk Tanker CO-OP London 133
2F-031-025 - 6 Wheel Milk Tanker West Park Dairy 142

Decorated samples shown for illustration only

Class 121



7D-009-001 - Class 121 W55020
BR Green Speed Whiskers

7D-009-002 - Class 121 W55027
BR Green SYP



7D-009-003 - Class 121 W55029
BR Blue/Grey

7D-009-004 - Class 121 W55023
BR Blue



7D-009-005 - Class 121 W55020
GWR 150 Chocolate & Cream

DCC and DCC & Sound versions also available

Bogie Bolster Wagon



- 2F-014-009 - Fruit D - GWR Shirtbutton Brown 2913
2F-014-010 - Fruit D - GWR Brown 2868
2F-014-011 - Fruit D - BR Maroon W2910
2F-014-012 - Fruit D - BR Blue W3461W
2F-047-009 - CCT - BR Southern Region Green S2413S
2F-047-010 - CCT - BR Maroon M527047
2F-047-011 - CCT - Southern Olive Green S2280S
2F-047-012 - CCT - BR Blue S2536S

- 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)

- 7F-051-052 - 5 Plank - BR Grey M318260
7F-051-052W - BR Grey M318260 Weathered
7F-071-044 - 7 Plank - LMS 60950
7F-071-044W - 7 Plank - LMS 60950 Weathered
7F-071-045 - 7 Plank - SR 40035
7F-071-045W - 7 Plank - SR 40035 Weathered

All product release dates correct at time of going to press

Product Scale Key

O Gauge

OO Gauge

N Gauge

SPECIAL COMMISSION WAGONS

- YOUR CHOICE OF DAPOL BODY
- YOUR CHOICE OF LIVERY

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

FOR MORE DETAILS CONTACT CLAIRE ON

01691 774455 OPTION 1 OR EMAIL studio@dapol.co.uk



Hattons Trunk Service

The new Hattons 'Trunk' service enables you to purchase items and have them held indefinitely* at the Hattons hub until a later date.

Coronavirus Lockdown

Enables you to 'secure' items if we are required to suspend despatch operations due to Coronavirus.

International Shipping

Combine your orders into one shipment to save money on overseas postage costs!

Never Miss a Rare Item!

Purchase any item straight away to secure it and then combine it with another shipment later.

“This definitely sounds like a service I will be using, especially with the present COVID-19 situation.”
- **Brian, UK**

“As an Australian buyer, I like this idea as many times I have bought pre-owned items - then placed a separate order for new items the following day. Terrific service!”
- **Greg, Aus**

Stock Details

Is this item actually in stock? **Yes**

More than 10 in stock.

Normal UK postage for 1 of this item: £4 (Postage Rates)

Single Qty: for £99 (weighs 304g)

Qty:

Your Trunk Options

You can update your options using the form provided below. Fields marked with a * are required.

Default Payment Card: *

Default Delivery Address: *

Trunk all Preorders: ☐

Send Summary Email: ☐

Email Reminder Day: *

Find out more at: www.hattons.co.uk/trunk

**Length of time that items can be held for will be reviewed and is subject to change.*