

BRITISH RAILWAY MODELLING

BRM

FEBRUARY 2019



Layout
Planning
Problems
Solved!

SHOW STOPPER!

**SCORBITON (OO): GIANT RELICS OF HEAVY
INDUSTRY ON THIS EXHIBITION FAVOURITE**



Plus...

Hartley Poole (GWR) in N
Normandy Shed (BR MPD) in O

HOW TO...

- Paint model figures
- Model realistic pine trees
- Line your stock with ease
- Add etched depot plaques
- Build an etched-brass loco kit
- Configure your first DCC controller

PENDON GOES DIESEL

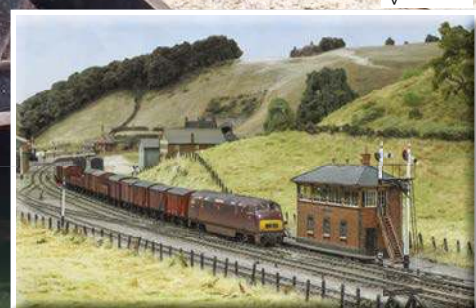
Hydraulic heaven - 1960s diesels in the Vale scene

£4.75



9 170968 076218

02





**WOODLAND
SCENICS®**

FIELD SYSTEM

**A complete system for modelling
natural fields and grassy locations**

The **Field System** makes it easy to add texture and dimension while modelling meadows, fields and pastures with incredible realism. A wide range of colours and textures allows you to model any season or grassy landscape. All products are designed to work together, and each one includes simple-to-follow instructions to make modelling easy.

Static King™ WFS639

Static King makes it easy to model large grassy areas and ensures Static Grass is applied vertically. The Static King has an ergonomic design and can be placed upside down for easy filling. It comes with different Sieve sizes for creating a varied effect using 2-12mm lengths of Static Grass. A divider allows the use of multiple colours and sizes at the same time for modelling realistic fields and other tall grasses.

- Clear hopper
- 360° Power Indicator Light
- Power via Power Supply or Batteries
- Non-slip rubber grip
- Divider allows use of multiple colours and sizes
- Easily interchange twist-lock Sieve
- Automatic discharge after each use



VISIT OUR
YOUTUBE
CHANNEL

search for 'Bachmann Europe'



Also Available

- **Static Grass** in a variety of lengths and colours
- **Field Grass** to model tall grass, field grass and weeds
- **Flowers** includes four shades of colour
- **Plant Hues** includes four shades of colour
- **Briar Patch** to add brambles, thickets and shrubbery
- **Static-Tac, Tuft-Tac & Spray-Tac**
- **Model-Vac** for picking up loose landscape material
- **Accent Shakers** help easily apply Plant Hues and Flowers

Available in these stores:

Berkshire Dolls House Company Berkshire
Trident Trains Model Shop Cheshire
Kernow Model Rail Centre Ltd Cornwall
Broughton Newsagents Ltd Cumbria
Jackson's Models & Railways Cumbria
A2B Model Railways Derbyshire
Malc's Models Derbyshire
Buffers Model Railways Ltd Devon
Colletts Model Trains Ltd Devon
Shady Lane Devon
South Devon Railway Plc Devon
Youings Toymaster Model Shop Devon
Model Railway Solutions Ltd Dorset
Setchfield's Dorset
Bluebell Railway Plc E/Sussex
Train Times E/Sussex
Flair Rail Essex
John Dutfield Essex
Cheltenham Models Gloucestershire
Arcadia International Models G/Manchester
Sawyer Models G/Manchester
AC Slotcars Hampshire

Ron Lines Hampshire
Test Valley Models Hampshire
Upstairs Downstairs Isle Of Wight
Times Past Antiques Ireland
Gravesend Games & Models Kent
Hobby Shop Kent
Maidstones Games & Models Kent
The Signal Box Ltd Leicestershire
Ashtree Enterprises Lincolnshire
DB Models Ltd Lincolnshire
Digitrains Ltd Lincolnshire
Mad About Trains Lincolnshire
MRSG Lincolnshire
Bure Valley Railway Ltd Norfolk
Monk Bar Model Shop Ltd N/Yorkshire
Peters Spares Model Railways Ltd N/Yorkshire
Redcar Models & Hobbies N/Yorkshire
The Model Centre (TMC) N/Yorkshire
A & H Models Ltd Northamptonshire
The Railway Conductor Ltd Northamptonshire
Arcane Scenery & Models Nottinghamshire
DJ & F Benham Nottinghamshire

Trains4U Ltd Peterborough
Mac's Model Railroading Scotland
Hollylovestoys Ltd Somerset
Model Railways Direct Ltd Somerset
Panda Models S/Yorkshire
Rails of Sheffield S/Yorkshire
Model Junction Suffolk
Orwell Model Railways Ltd Suffolk
Firestorm Games Wales
Lord & Butler Model Railways Wales
Pontypool & Blaenavon RS Wales
Rhuddlan Models Wales
Our Place Warwickshire
Ian Allan Ltd (Birmingham) W/Midlands
Going Loco W/Midlands
Millennium Models W/Yorkshire
Spot On Models Wiltshire
Salisbury Model Centre Wiltshire
Footplate Worcestershire
Green Scene Worcestershire
Worcester War Games Worcestershire



Please visit www.bachmann.co.uk to find a retailer and view tutorial videos

Model • Collect • Create

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. Visit our website for further details. We will be visiting the following towns within the next few weeks:

Ross on Wye, Edmonton, Harlow, Tavistock, Tiverton, Bridgnorth, Spalding, Wakefield, Rotherham, Newark, Oswestry, Ryde, Andover, Ulverston, Bury, Kettering, Mansfield and Swanage.

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

BRM TV

BRITISH RAILWAY MODELLING

IN THIS EPISODE...

In this modelling-packed episode, let the scenic charms from our layout of the month, 'Portchullin', take you on a voyage back to the Scottish Highlands in the 1970s. In the studio, Howard Smith builds a fir tree kit from The Model Tree Shop, giving it a distressed look and Phil Parker builds a container kit from ScaleModelScenery.



**TELL US WHAT YOU
THINK OF THIS
MONTH'S DVD**

VISIT OUR FACEBOOK PAGE
AND GET INVOLVED IN
THE CONVERSATION.



WATCH THE VIDEO HERE
(You must have a wifi connection to stream video content)



PLAY

LAYOUTS

24

SCORBITON (00) The story behind Kendal MRC's exhibition show-stopper set in the Welsh Marches area.

52

HARTLEY POOLE (N) The journey from inception to exhibition on the latest layout from Alsager Railway Association.

70

DIESELS AT PENDON MUSEUM How the services of the 1930s evolved using diesel locomotives on Pendon's new Bristol Line.

74

NORMANDY JUNCTION SHED (O) The project leader on Guildford O Gauge Group's multi-regional layout describes its creation and usefulness to club members.

PRACTICAL BRM

36

BUXTON – A LAYOUT CONCEPT A new series by TRACTION editor, Stephen Rabone, where we solve diesel-era layout planning problems.

44

PAINTING 3D FIGURES A few tricks to make painting figures easier and a project that modellers of all abilities can achieve.

48

ADD ETCHED DEPOT PLAQUES We provide a mess-free solution for adding depot plaques to Railfreight-era locomotives.

66

HOW TO SET-UP A DCC DECODER We guide you through your first programming steps to suit driving or operating requirements.

84

BUILDING AN ACE P2 IN OO GAUGE Tony Wright constructs an ACE Models' P2 in OO: Britain's most-powerful express passenger steam locomotive.

88

MAKE A FIR TREE BRM's Howard Smith creates two realistic and unique fir trees from a multi-pack kit by Coastmans.

92

LINE YOUR STOCK How to use a lining pen on your most cherished models to achieve a quality finish.

PRODUCTS, FEATURES & REVIEWS

52

DIAMONDS ARE FOREVER The history of depot plaques and their association with the re-birth of Railfreight.

96

TRADE NEWS The latest product news from the Warley including Heljan, Bachmann, Rails Of sheffield and more...

99

GOODS INWARDS A rundown of the latest modelling accessories to grace the BRM office.

102

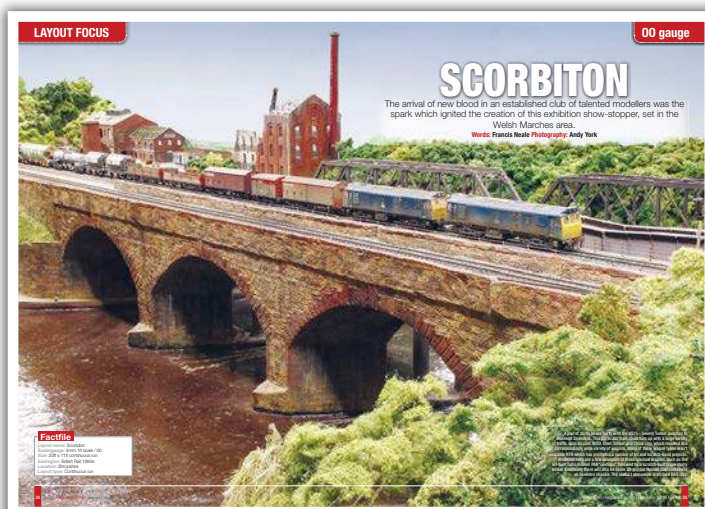
SCALE MODEL SCENERY CATENARY STRUCTURES Six new laser-cut kits in OO offering a modular system to suit a number of requirements.

106

DONCASTER SHOW PREVIEW What you can expect from this year's National Festival of British Railway Modelling in Doncaster.

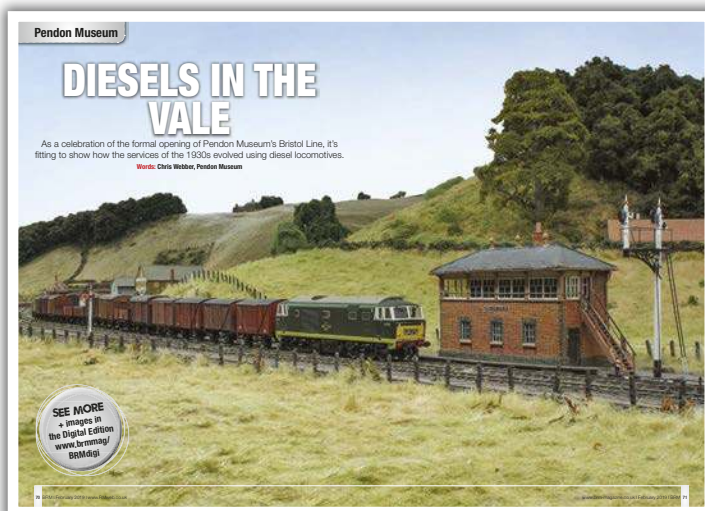
154

TAIL LAMP Accurascale. The story behind the birth of a model railway manufacturer.



The arrival of new blood in an established club of talented modellers was the spark which ignited the creation of this exhibition show-stopper, set in the Welsh Marches area.

24



As a celebration of the formal opening of Pendon Museum's Bristol Line, it's fitting to show how the services of the 1930s evolved using diesel locomotives.

70



Painting model figures is no doubt fiddly but Phil Parker demonstrates a few tricks to make it easier and a project that modellers of all abilities can achieve.

44

THE HEREFORD MODEL CENTRE

Email: sales@herefordmodels.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

R3003	B17 Barnsley	£116.45
R3004	BR Seriby Hall weathered	£116.45
R3004X	BR Seriby Hall weathered	£133.45
R3371	Mallard Railroad Version	£74.00
R3233	D16/3 LNER	£100.95
R3235	D16/3 British Railways	£100.95
R3276	LMS Compound	£66.45
R3229	British Monarch	£119.25
R2744	Schools Blundells BR	£84.95
R2917	2800 Class BR	£103.99
R3017	BR Patriot	£108.50
R2844	Schools 'St. Lawrence' BR/E	£84.95
R3194	Schools 'Epsom' BR/E	£111.95
R2784X	Mallard Green	£85.00
R3074	King GWR (Stamp Collection)	£112.99
R3318	B17 Gilwell BR Early	£121.95
R3380	J15 LNER	£96.90
R3381	J15 BR Early	£96.90
R3329	BR Late S15	£123.99
R3327	SR S15	£123.99
R3325	J50 BR Early	£69.45
R3242A	K1 BR Early	£116.95
R3243B	K1 BR Late	£116.95
R3413	S15 Late	£119.45
R3465	LNER Class N2	£82.95
R3424	LNER Q6	£125.45
R3425	BR Early Q6	£125.45
R3411	S.R. S15	£125.95
R3421	BR/E 700 Class	£99.45
R3311	BR Schools Westminster	£119.45
R3426	BR Late Q6	£125.45
R3333	BR Early Adams Radial	£107.95
R3334	BR Late Adams Radial	£107.95
R3335	LSWR Adams Radial	£107.95
R3416	J15 BR Late	£99.45
R3418	K1 BR Early	£114.45
R3422	Adams SR	£109.45
R3423	Adams BR	£109.45
R3499	Hall Class BR Late	£72.45
R3414	LNER J15	£99.45
R3456	BR N15	£137.45
R3405	J50 LNER	£78.50
R3407	J50 BR Early	£78.50
R3445	BR W.C. Camelford	£147.45
R3453	BR Black 5	£134.00

R3432	B12 BR Late	£127.95
R3586	Railroad Schools	£75.99
R3525	BoB Archibald Sinclair	£131.99
R3533	J94 Lord Phil	£67.45
R3560	Q1 BR Late	£89.45
R3385TTS	BR Black 5	£169.45
R3559	SR Q1	£89.45
R3566	BR Merchant Navy	£154.95
R3452	BR Grange	£119.25
R3588	LNER B17	£76.50
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

HORNBY DIESEL/ELECTRIC LOCOMOTIVES

R3268	Class 67 Arriva	£122.90
R3261	Class 08 Network	£84.45
R3343	Class 08 FGW	£104.45
R3342	Class 08 BR	£104.45
R3373	NRM Class 71	£134.95
R3374	BR Blue Class 71	£134.95
R3376	BR Green Class 71	£134.95
R3483	Sentinel Crossley	£51.45
R3484	Class 08 BR Green	£109.45
R3485	Class 08 Laira Blue	£109.45
R3573	Class 66 GBRF	£79.45
R3577	Sentinel graham	£58.00
R3685	GWR HST	£261.00
R3580	Class 87 BR Blue	£139.40

HORNBY TRACK

R083	Buffer Stop	£1.65
R207	Track Fixing Pins	£2.50
R394	Hydraulic Buffer	£4.95
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
R8262	4th radius double curve	£2.65
R8206	Power Track	£5.95

BACHMANN STEAM LOCOMOTIVES

31-088	BR Black Earl	£118.95
31-980	Standard 3MT BR	£110.45
31-783	Fountains Hall	£114.70
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
32-227B	LMS 3F Jinty	£72.20
32-235	BR 3F Jinty	£80.70
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
32-154A	N Class BR Black Wthd.	£99.10
32-233	3F SDJR Blue	£62.00
32-880	Fairburn LMS	£106.20
32-882	Fairburn BR Late	£106.20
31-461A	C Class SR Black	£106.20
31-462A	C Class BR Early	£106.20
31-433	Midland Class 1F LMS	£81.55

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
31-480	G2A LMS	£101.95
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
31-728	GWR City Class	£118.95
32-353	4MT BR Green	£110.45
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
31-014	Class 7F SDJR Black	£125.75
31-015	Class 7F LMS Black	£125.75
31-691	Stanier Mogul	£135.95
32-178A	LMS Crab	£123.45
32-236	Class 3F BRITISH RAILWAYS	£93.40
32-078	GWR 56xx	£97.70
32-083A	Class 56xx BR weathered	£101.95
31-910	LBSC H1 Atlantic	£169.95
31-761	GWR C1 Atlantic	£169.95
31-762	LNER C1 Atlantic	£161.45

BACHMANN DIESEL/ELECTRIC LOCOMOTIVES

31-266	MLV Green with yellow panel	£62.45
31-269	MLV Jaffa	£83.26
31-575	Windhoff MPV NWR	£104.00
31-576DC	Windhoff MPV NWR	£114.00
31-679	Class 85 Electric Blue	£118.95
32-786	Class 37 EWS	£106.20
32-937	Class 150 Centro	£127.45
32-928	Class 150 Sprinter	£135.95
32-066	Class 43 Pegasus	£118.95
32-067	Class 43 Royal Oak	£118.95
32-034A	Class 20 BR Green weathered	£97.70
32-981	Freightliner Class 66	£127.45
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 wthd.	£297.45
31-663	BR Class 47 Rft	£135.95
32-789	Class 37 Colas	£135.95

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)

**LARGE RANGE OF
PECO PRODUCTS
ALWAYS IN STOCK**
See website for details

Mail Order Service

**All offers valid to
31st January 19**

You must state these prices when ordering

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

****Train Sets/Packs & Controllers/
Handsets - Postage charged at cost****
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

accurascale

ORDER ONLINE: WWW.ACCURASCALE.CO.UK

ENGLISH ELECTRIC TYPE 5/CLASS 55 'DELTIC' IN OO SCALE



COMING IN 2019



FIND OUT MORE AT WWW.ACCURASCALE.CO.UK/DELTIC



The most reliable turnout motors ever.

Every single batch of Cobalt iP series and Omega turnout motors is fully life-tested. Every test we do is counted using a motor's own switches so we are testing them as well. Acceptance happens only when we have simulated more than 100 years constant operations on a very, very busy club layout.

That's why we offer lifetime warranty on Cobalt iP & Cobalt Omega motors!

"World's best" for good reasons!

When we set out to create any new product, it has to be better, different... or simply easier to use for the average modeller.

We don't compromise for the sake of costs so all materials are MIL spec or better, electrical contacts are 24k gold plated and all of the switch tracks are hard gold plated. Plastics are all special engineering types not the usual polystyrene and every item we make is tested more than once before packing.

That's why we confidently offer such generous warranty and "Industry Best" customer service assistance to help you get the best from them.



Cobalt-S Levers

Over 140mm high, Cobalt-S levers are very comfortable to use and look really good when painted like the real thing.

Brass numbers and cast "top trims" are included with them to add to the realism.

These brass levers ooze quality. Each of the 3 switches have 24k gold contacts for a very long life.

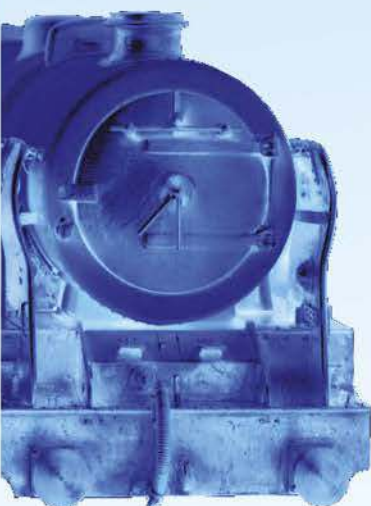
Cobalt-S levers are the best there are!

Cobalt-SS ultra-small motor drive turnout motor ready to go "as is" to use with either DC or DCC.

This motor is so small it can be almost hidden in the ballast, yet it is strong enough for all common scales.

Very stable stepper motors provide the drive power... and all the power and control connections are plug-and-play.

Economical as each control output handles 2!



Welcome

Go Digital: Discover more at www.pocketmags.com/BRM

Are we 3D printing the emperor's new clothes?

Spending the day at the UK's biggest 3D printing show a couple of months ago, I was fascinated by how the technology has come on since I first saw 'rapid prototyping' on a 1970's edition of the BBC's 'Tomorrow's World' TV programme.

Like many modellers, I've bought the odd printed item and certainly read the words of those technology enthusiasts who claim we'll never need to do any modelling again, whilst prophesying doom for our existing manufacturers and their old-fashioned injection moulding machines. But, I'm not convinced...

For a start, many of those cheerleaders for the technology seem happy to overlook lines where the additive print process builds-up the material, casually mentioning sanding them away or using a thick coat of paint to cover them up. This, at a time when others are checking that a manufacturer is putting the correct bolt heads on the buffers of a new RTR diesel!

Technology is improving and if you spend serious money on a resin-based printer, plus the terrifyingly expensive consumables, then prints

approaching the quality of injection moulding are possible.

Printing is still slow, and talking to manufacturers, they aren't planning to replace those moulding machines yet. They like the opportunity to produce test prints and waiting a few hours for one of those is fine, but you need bodysells falling out of a moulding machine several times a minute if costs aren't to spiral.

I see 3D printing in the same way as laser-cutting, etching and casting; another tool in the model makers' armoury, not a replacement for all of it. You use the right tool for the job each time. Until someone develops a Star Trek-style replicator, there is no one-size-fits-all solution.

Final thought. Like most people, I spend a lot of my working day driving a computer screen. Do I want to spend my leisure time staring into one too? ■



FEATURES WRITER | Phil Parker

Howard Smith

It's showtime again and this month saw me wire, frantically, our project layout The Art of Compromise ahead of its inaugural show at The National Festival of Railway modelling at Peterborough showground. Christmas spirits were high, with Santa hats worn by many and a G scale 'Thomas' ran around the Christmas tree on the BRM stand. I also squeezed in a visit to Hornby and retailer Great Eastern Models' digital taster day - more on this on BRM TV next month.



Andy York

It's that time of year again on RMweb when we're up to our neck in news headlines with both Hornby and Bachmann revealing their plans for 2019 in January. Some will be delighted but others will think their world has ended. January is always one of the busiest months on RMweb so I'd best get the mop out for when it gets messy.



Ruth Jamieson

Just back from our shows at Warley and Peterborough. At Warley I had the pleasure of seeing the fabulous Liverpool Lime Street, which in real life is absolutely stunning. And at Peterborough I won the Strictly Digging 2018 competition run by John Campbell of Campbells Quarry. Who knew I'd be able to run a dragline...



Amie Carter

I was lucky enough to attend the railway exhibitions at both Warley and Peterborough this year. Working on the BRM stand, it was great to get to meet some of our readers and I managed to get a well-earned look around during my lunch break. Fantastic to see some of my favourite layouts!



BRM

BRM MARCH ISSUE ON SALE
JANUARY 31

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

I MULTI-MEDIA EDITOR Howard Smith

E howards@warnersgroup.co.uk

T 01778 392059

I FEATURES WRITER Phil Parker

E phil.parker@warnersgroup.co.uk

I RMWEB EDITOR & BRM PHOTOGRAPHER

Andy York

E info@rmweb.co.uk

I TRACKPLAN ILLUSTRATOR

Ian Wilson at Pacific Studio

E ian@pacificstudio.co.uk

I PUBLISHER Steve Cole

E stevec@warnersgroup.co.uk

I MARKETING MANAGER Carly Dudge

E carlyd@warnersgroup.co.uk

ADVERTISING

I GROUP ADVERTISING MANAGER Bev Machin

T 01778 392055

E bevm@warnersgroup.co.uk

I SALES EXECUTIVE Allison Mould

T 01778 395002

E allison.mould@warnersgroup.co.uk

DESIGN AND PRODUCTION

I DESIGNER

Ruth Jamieson

E ruth.jamieson@warnersgroup.co.uk

I ADVERTISING DESIGNER

Amie Carter

E amiec@warnersgroup.co.uk

I PRODUCTION

Pat Price

T 01778 391115

E patp@warnersgroup.co.uk

DISTRIBUTION

TRADE ACCOUNT SALES

E tradeaccountorders@warnersgroup.co.uk

I UK/OVERSEAS NEWTRADE 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.

BRAND **NEW** WEBSITE



Now Taking Pre-Orders!

Our **BRAND NEW** website will now let you place a pre-order **AND** we won't charge you a penny until the product comes into stock!

Our new website has now launched, and has a whole host of new features. From pre-orders, to more refined 'tick box' customisation options which are specific to each product. Such as adding a tool carrier to a WD or the option to install twin speakers into a Deltic to simulate the two Napier engines in the real thing.

We've also streamlined the 'send your models' section making this process much easier and faster.

Last but not least we've introduced the option to search for products by era, class, livery and much more!

Our Price Promise

Re-creating History with Every Model

We'll match any competitors price when you have the model customised*
Just put a note on the order, and we'll refund the difference.

We always aim to give the most competitive prices possible, typically all our products are at least 15% off RRP even when they have been customised!

We Stock the Full Range of Bachmann, Hornby and Graham Farish in off the Shelf Weathered Condition!
Also Available Pristine all at Discount Prices.

*Model must be in stock on competitors website at the time of placing the order. You must spend at least £30.00 on customisation or get the item weathered for this offer to be valid.

Contact us: sales@tmc-direct.com | t: 01947 899125

Hours: Monday - Friday: 8am - 5pm | Saturday: 8am - 2pm

*All prices exclude P&P, order and pay now to secure these prices | Prices may be subject to change without notice. E & OE.



The Model Centre, Hill Farm, Beck Hole, Whitby, YO22 5LF

themodelcentre.com



371-468A Farish Class 37/0
Graham Farish 97304 John Tiley Network Rail Extra Detail TMC Weathering
Was £167.45 **NOW £148.00**



371-470 Farish Class 37/0
Graham Farish 37068 Grainflow Distribution S/Headcode Deluxe Weathered by TMC
Was £179.95 **NOW £160.50**



372-182 Princess Coronation
Graham Farish Class 46235 City of Birmingham Extra Detail TMC Weathering
Was £194.95 **NOW £170.26**



372-650 Standard 4MT
Graham Farish 76053 BR Black E/Emb Glossed & Extra Detail Weathered by TMC
Was £167.45 **NOW £148.00**



372-139 Class 5 45206
Graham Farish BR Lined Black E/Emb Extra Detail Weathering by TMC
Was £159.95 **NOW £140.50**



31-920 H2 Class Atlantic
Bachmann 4-4-2 South Foreland 2421 Real Coal & Weathered by TMC
Was £229.96 **NOW £201.49**



31-762 Class C1 Atlantic
Bachmann 4421 LNER Vent Pipes Tender Tools Real Coal & Weathered by TMC
Was £244.96 **NOW £216.49**



31-910 H1 Class Atlantic
Bachmann 4-4-2 No 39 La France LBSCR Umber Real Coal & Weathered by TMC
Was £239.95 **NOW £209.99**



31-761 Class C1 Atlantic
Bachmann GNR 4-4-2 no.272 GNR Green Real Coal & Weathered by TMC
Was £239.95 **NOW £209.99**



Class 9F no.92212
Bachmann 2-10-0 Shed 10A Coal Crew Parts Renumbering & Deluxe Weathered
Was £289.96 **NOW £264.49**



R3555 Sir William A.Stanier
Hornby 46256 Princess Coronation (Modified) Real Coal & TMC Weathered
Was £244.99 **NOW £213.95**



39-725DC MK2F DBSO
Bachmann Driving Brake Second Open Coach (DCC Fitted) Weathered by TMC
Was £89.95 **NOW £77.99**



OR76DG005 Dean Goods
Oxford Rail GWR 2534 (with Plough) Real Coal & Weathered by TMC
Was £162.46 **NOW £150.49**



R3681 Princess Coronation
Hornby 6241 City of Edinburgh Real Coal, Ash & Satin Textured Weathering
Was £250.00 **NOW £229.49**



38-776Z 20 Ton Tankers
Bachmann Anchor-Mounted Set of 3 Re-Painted/Deluxe Weathering by TMC
Was £98.95 **NOW £87.76**



32-482 Class 40 97407
Bachmann Departmental Indicator Discs with Deluxe Weathering by TMC
Was £229.96 **NOW £202.99**



OR76WW006B Warwell
Oxford Rail Warwell A Flat Wagon with Sherman Tank Weathered by TMC
Was £52.45 **NOW £48.49**

www.themodelcentre.com



N Gauge

O Gauge

O Gauge

METCALFE

Card Construction Kits

COUNTRY



PARISH CHURCH

00 CODE PO226 - £15.99
N CODE PN926 - £11.00



MANOR FARM BUILDINGS
00 CODE PO252 - £11.50



MANOR FARM HOUSE

00 CODE PO250 - £10.50
N CODE PN150 - £9.00

VILLAGE SHOP & CAFE

00 CODE PO254 - £12.50
N CODE PN154 - £9.00



RAILWAY

DOUBLE TRACK ENGINE SHED

00 CODE PO313 - £23.00
N CODE PN113 - £7.50



GOODS SHED

00 CODE PO232 - £14.00
N CODE PN112 - £7.50



SIGNAL BOX

00 CODE PO233 - £10.00
N CODE PN133 - £9.00

MINI KITS



FOUNTAINS

00 CODE PO522 - £5.75
N CODE PN823 - £5.75
00 as pictured. N comes with three variations.



GARDEN SHEDS

00 CODE PO512 - £5.50
N CODE PN812 - £5.50



NEW! 00 BUS STOP

00 CODE PO525 - £6.50



NEW! GOODS YARD CRANE

00 CODE PO540 - £6.50
N CODE PN840 - £5.00

SHOP ONLINE: WWW.METCALFEMODELS.COM

METCALFE MODELS & TOYS LTD, BELL BUSK, SKIPTON, N.YORKS, BD23 4DU
TEL: 01729 830072. POSTAGE £2.50 FOR ORDERS UP TO £19.99 / £4.50 THEREAFTER

Join the conversation on Facebook. Follow @MetcalfeModels and join the official group forum.

METCALFE

Card Construction Kits

AS SEEN ON THE
GREAT MODEL
RAILWAY CHALLENGE!

STRUCTURES



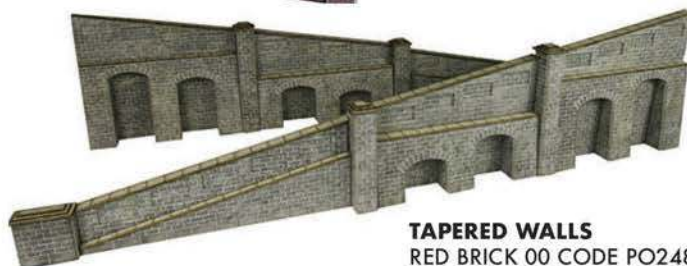
DOUBLE TRACK VIADUCT

RED BRICK 00 CODE PO240 - £14.00
STONE 00 PO241 - £14.00
RED BRICK N CODE PN140 - £12.00
STONE N CODE PN141 - £12.00



RETAINING WALLS

RED BRICK 00 CODE PO244 - £13.50
STONE 00 CODE PO245 - £13.50
RED BRICK N CODE PN145 - £9.50
STONE N CODE PN144 - £9.50



TAPERED WALLS

RED BRICK 00 CODE PO248 - £13.50
STONE 00 CODE PO249 - £13.50
RED BRICK N CODE PN148 - £9.50
STONE N CODE PN149 - £9.50



DOUBLE TRACK TUNNEL ENTRANCE

00 CODE PO242 - £10.50
N CODE PN142 - £8.00



SINGLE TRACK TUNNEL ENTRANCE

00 CODE PO243 - £10.00
N CODE PN143 - £7.50

RAILWAY BRIDGE

RED BRICK 00 CODE PO246 - £14.50
STONE 00 CODE PO247 - £14.50
RED BRICK N CODE PN146 - £12.50
STONE N CODE PN147 - £12.50



TOWN

NEW! 00/N INDUSTRIAL UNIT

00 CODE PO285 - £13.00
N CODE PN185 - £7.50



NEW
00/N PRODUCT

NEW! FIRE STATION

00 CODE PO289 - £19.00
N CODE PN189 - £12.00



NEW
00/N PRODUCT



SERVICE STATION

00 CODE PO281 - £14.00
N CODE PN181 - £10.50

**MAKE GLUING
EASY...**

**ULTRA FINE-TIP
GLUE APPLICATORS**
CODE MT907 - £4.00
Glue not included.





All New OO Class 66

Developed & Manufactured by Hatton's Model Railways

30+ versions available from a variety of freight companies, including:



Research Stage
Complete

CAD Work
Complete

First EP
Complete

Painted Sample
In Progress

Release
Due March 2019

Diecast Chassis • 21-Pin Digital • 5-Pole Motor • Fully Detailed Cab • Rotating Axleboxes
Multiple Lighting Options • Standard & Low Emission Body Styles • Etched Grilles



- H4-66-001 66005 in EWS livery
- H4-66-002 66079 in EWS livery "James Nightall G.C."
- H4-66-003 66125 in EWS livery
- H4-66-004 66207 in EWS livery
- H4-66-005 66088 in EWS livery with DB branding
- H4-66-006 66097 in DB Schenker livery
- H4-66-007 66118 in DB Schenker livery
- H4-66-008 66033 in Euro Cargo Rail livery with EWS branding
- H4-66-009 66218 in Euro Cargo Rail livery with DB branding
- H4-66-010 66404 in DRS compass livery
- H4-66-011 66433 in DRS compass livery
- H4-66-012 66301 in DRS plain livery "Kingmoor TMD"
- H4-66-013 66429 in DRS plain livery
- H4-66-014 66502 in Freightliner livery "Basford Hall Centenary 2001"



- H4-66-015 66513 in Freightliner livery
- H4-66-016 66593 in Freightliner livery "3MG Mersey Multimodal Gateway"
- H4-66-017 66621 in Freightliner livery

H4-66-018 66957 in Freightliner livery "Stephenson Locomotive Society 1909-2009"

H4-66-019 66418 in Freightliner Powerhaul livery "Patriot"

H4-66-020 66504 in Freightliner Powerhaul livery

H4-66-021 66528 in Freightliner Powerhaul livery "Madge Elliot MBE - Borders Railway Opening 2015"



H4-66-022 66704 in GBRf original livery

H4-66-023 66705 in GBRf original livery with Union Flag "Golden Jubilee"

H4-66-024 66727 in GBRf/First group livery "Andrew Scott CBE"

H4-66-025 66731 in GBRf/First group livery

H4-66-026 66740 in GBRf Europorte livery "Sarah"

H4-66-027 66756 in GBRf Europorte livery "Royal Corps of Signals"

H4-66-028 66762 in GBRf Europorte livery

H4-66-029 66847 in Colas Rail Freight livery

H4-66-030 66848 in Colas Rail Freight livery



H4-66-031 66789 in BR Large Logo blue "British Rail 1948 - 1997"

H4-66-032 66783 in Biffa red "The Flying Dustman"

Digital Ready: **£150**

Digital Fitted: **£165**

Sound Fitted: **£265**

See the full list of specifications and more at: www.hattons.co.uk/66

Forthcoming Releases from Hornby & Dapol

All available to pre-order now at: www.hattons.co.uk

HORNBY 2019 Range Announcement - see details at www.hattons.co.uk/hornby2019

SR 'Lord Nelson' 4-6-0

Pre-order from £153. TTS-fitted £175.50
Due in Stock from December 2019



R3603TTS 30850 "Lord Nelson" in BR green with late crest - TTS sound fitted

R3634 851 "Sir Francis Drake" in Southern Railway olive green
R3635 30863 "Lord Rodney" in BR green with early emblem

Class 8P Streamlined Princess

Coronation 4-6-2

Pre-order from £171
Due in Stock: January 2019



©Hugh Llewelyn

R3677 6229 "Duchess of Hamilton" in LMS crimson lake - as preserved

R3623 6221 "Queen Elizabeth" in LMS coronation blue

R3639 6244 "King George VI" in LMS maroon

Class W4 Peckett 0-4-0ST

Pre-order from £90
Due in Stock: Between Mar and May 2019



R3680 'Forest No.1' in Charity Colliery lined green

R3640 882 "Niclausse" in Peckett works leaf green

R3679 74 in Port of London Authority lined blue

Class 800 IET

Pre-order from £243
Due in Stock: Mar 2019



R3609 800003 'Queen Elizabeth II' 2-car set in GWR green

Class J36 0-6-0

Pre-order from £126. TTS-fitted £148.50
Due in Stock: January 2019



R3600TTS 673 "Maude" in North British Railway lined black - as preserved - TTS sound fitted

R3621 851 722 in LNER black

R3622 65311 "Haig" in BR black with early emblem

2019 Range Announcement

Monday 7th January 2019
from 10am



The full 2019 range of models is due to be announced by Hornby on 7th January. We will have full details of all items available to pre-order at:

www.hattons.co.uk/hornby2019

dapol Forthcoming Items

See the full range of forthcoming items from Dapol at www.hattons.co.uk/dapolpreorders

N Gauge

Class 142 DMU

Pre-order from £115.18
Due in Stock: Q4 2018



ND116A 142065 in Northern Rail livery

ND116B 142081 in Regional Railways livery

ND116C 142025 in Northern Spirit livery

ND116D 142085 in Arriva Trains Wales livery

ND116E 142021 in Tyne and Wear PTE livery

Class 50

Pre-order from £123.21
Due in Stock: March 2019



2D-002-000 D406 in BR blue - unrefurbished

2D-002-001 50043 in BR blue - unrefurbished

2D-002-002 50040 "Leviathan" in BR large logo blue

2D-002-003 50037 "Illustrious" in original Network SouthEast livery

OO Gauge

Class 43xx GWR Mogul 2-6-0

Pre-order from £135.96
Due in Stock: Summer 2019



4S-043-001 6336 in GWR green with Great Western lettering

4S-043-002 6385 in GWR green with shirtbutton emblem

4S-043-003 GWR green with BR smokebox numberplate

4S-043-004 7324 in BR black with early emblem

4S-043-005 6364 in BR lined green with early emblem

4S-043-006 7310 in BR lined green with late crest

Class 59

Pre-order from £124.43
Due in Stock: Feb/March 2019



4D-005-000 59002 "Alan J Day" in Foster Yeoman livery

4D-005-001 59103 "Village of Mells" in ARC livery

4D-005-002 59206 "John F Yeoman" in DB Schenker livery

4D-005-003 59204 "Vale of Glamorgan" in National Power livery

O Gauge

Class Y3 Sentinel 4wVB

Pre-order from £148.75
Due in Stock: Q1 2019



7S-005-001 42 in LNER black

7S-005-002 68163 in LNER black

7S-005-003 7164 in LMS black

7S-005-004 7160 in LMS black

7S-005-005 68164 in BR black with early emblem

7S-005-006 2 "Isebrook" in GWR green

7S-005-007 14 in National Coal Board livery

Class 08 (Re-tool)

Pre-order from £191.25
Due in Stock: Dec 2018 to Jan 2019



Partial re-tool covering later built locomotives. 5 variations available either DCC Ready, DCC Sound Fitted, Unnumbered and Unnumbered with DCC Sound.

**Pre-orders accepted
via credit or debit card only**

Pre-order prices subject to manufacturer RRP.

Visit

www.hattons.co.uk/preorder

for all forthcoming releases

OO Gauge (1:76 Scale)

Steam locos



R3612 80th Anniversary of World Steam Record pack gold-plated Class A4 4468 'Mallard' and commemorative box set (Hor) ... £184



H4-AB14-004 Andrew Barclay 0-4-0ST 14" 1863 in Caledonian Railway lined blue (Hat) ... £99



H4-AB14-003 Andrew Barclay 0-4-0ST 14" 2134 'Coronation' in lined green (Hat) ... £99



H4-AB16-003 Andrew Barclay 0-4-0ST 16" 2226 'Katie' in lined maroon (Hat) (RRP £99) ... BARGAIN ... £89



J9410 Austerity 0-6-0ST No 15 in Wemyss Private Railway lined brown - Ltd Ed of 200 (DJ) (RRP £95.50) BARGAIN ... £69



J9409 Austerity 0-6-0ST No 7 in NCB Littleton Colliery lined blue - lightly weathered - Ltd Ed of 200 (DJ) (RRP £95.50) BARGAIN ... £79



R3064 Class 0F Pug 0-4-0ST 'Smoky Joe' in BR Black (Hor) (RRP £40.99) ... BARGAIN ... £18



R2672 Class 0F Pug 0-4-0ST 272 in Caledonian Railway blue - Railroad range (Hor) (RRP £28.49) BARGAIN ... £17



R3292 Class 0F Pug 0-4-0ST 56011 in BR black - Hornby 2014 Collectors Club special edition (Hor) (RRP £24.99) BARGAIN £16



R3213 Class 101 Holden 0-4-0T 3102 in SR Olive Green - Hornby 2013 Collectors club limited edition (Hor) (RRP £24.99) ... BARGAIN ... £16



R3692 Class 14xx 0-4-2T 1424 in BR green late crest - Railroad Range (Hor) ... £51



H1415 Class 14xx 0-4-2T 1432 in BR Lined green late crest - Heavily weathered (DJ) (RRP £99) BARGAIN ... £74



H1409 Class 14xx 0-4-2T 1470 in BR Lined black early emblem (DJ) (RRP £99) ... BARGAIN ... £74



31-434 Class 1F 'Half Cab' 0-6-0T 41803 in BRITISH RAILWAYS black (Bac) (RRP £99.95) ... BARGAIN ... £66



32-301A Class 2251 0-6-0 Collett Goods 3212 in BR black early emblem and Collett tender (Bac) (RRP £114.95) BARGAIN ... £78



OR76DG006 Class 2301 'Dean Goods' 101 in War Department black (Oxf) ... £96



OR76DG002 Class 2301 Dean Goods 0-6-0 2409 in BR Black early emblem (Oxf) (RRP £112.95) BARGAIN ... £74



OR76DG003 Class 2301 Dean Goods 0-6-0 2475 in Great Western green (Oxf) (RRP £112.95) ... BARGAIN ... £74



R3667 Class 2721 0-6-0PT 2779 in GWR green - Railroad Range (Hor) ... £40.50



32-830A Class 2MT 2-6-0 Ivatt 6418 in LMS black (Bac) (RRP £144.95) ... BARGAIN ... £101



31-127 Class 30xx 2-8-0 ROD 3023 in BR black early emblem (Bac) (RRP £129.95) ... BARGAIN ... £59



32-227DS Class 3F Jinty 0-6-0T 7365 in LMS black - DCC sound fitted (Bac) (RRP £214.95) ... BARGAIN ... £168



R3333 Class 415 Adams Radial 4-4-2T 30584 in BR black early emblem (Hor) (RRP £119.99) ... BARGAIN ... £54



OR76AR003 Class 415 Adams Radial 4-4-2T 488 in LSWR green (Oxf) (RRP £99.95) ... BARGAIN ... £72



4784 Class 47xx 2-8-0 'Night Owl' 4705 in BR lined green late crest (Hel) ... £154



4781 Class 47xx 2-8-0 'Night Owl' 4705 in GWR green Great Western lettering (Hel) ... £154



4782 Class 47xx 2-8-0 'Night Owl' 4707 in GWR green post-war GW lettering (Hel) ... £154



H1405 Class 48xx 0-4-2T 4807 in GWR Wartime black G W R lettering - Lightly weathered (DJ) (RRP £99) BARGAIN ... £79



H1403 Class 48xx 0-4-2T 4871 in GWR Unlined green Shirtbutton logo - Lightly weathered (DJ) (RRP £99) ... BARGAIN ... £99



R1184loco Class 4900 'Hall' 4-6-0 4935 'Kellie Hall' in GWR green - TTS sound fitted - Split from R1184 set (Hor) NEW ... £68



R3170 Class 49xx 4-6-0 4901 'Adderley Hall' in GWR Green - Railroad range (Hor) (RRP £94.99) BARGAIN ... £49



32-882 Class 4MT Fairburn 2-6-4 tank 42062 BR lined black late crest (Bac) (RRP £134.95) ... BARGAIN ... £94



32-580A Class 4MT Ivatt 2-6-0 43014 in BR black late crest - weathered (Bac) (RRP £139.95) BARGAIN ... £108



31-169 Class 5 L&YR 2-4-2T 50705 in BR black early emblem (Bac) (RRP £114.95) ... BARGAIN ... £65



32-078 Class 56xx 0-6-2T 5637 in GWR green (Bac) £97.71



32-083A Class 56xx 0-6-2T 6644 in BR green late crest - weathered (Bac) (RRP £119.95) ... BARGAIN ... £94



H1411 Class 58xx 0-4-2T 5801 in BR Unlined green G W R lettering - Lightly weathered (DJ) (RRP £99) BARGAIN £74



H1410 Class 58xx 0-4-2T 5819 in BR Unlined black early emblem (DJ) (RRP £99) ... BARGAIN ... £74



R3453 Class 5MT Black 5 4-6-0 45274 in BR Black late crest (Hor) ... £144



31-691 Class 5P4F Stanier Mogul 2-6-0 42969 in BR lined black early emblem (Bac) (RRP £159.95) BARGAIN ... £112



31-214 Class 6P Patriot 4-6-0 45538 'Giggleswick' in BR Green early emblem (Bac) (RRP £164.95) BARGAIN ... £107



R3517 Class 7P 'Royal Scot' 4-6-0 6108 'Seaforth Highlander' in LMS black - 'The Final Day' special edition (Hor) (RRP £189.99) ... BARGAIN ... £139



R3618 Class 7P6F Rebuilt Battle of Britain 4-6-2 34050 'Royal Observer Corps' in BR green late crest (Hor) £144



R3682 Class 8P 'Princess Coronation' 4-6-2 46225 'Duchess of Gloucester' in BR express passenger blue (Hor) NEW ... £184.50



R3681 Class 8P 'Princess Coronation' 4-6-2 6241 'City of Edinburgh' in LMS post-war lined black (Hor) ... £184.50



R3555 Class 8P Princess Coronation 4-6-2 46256 'Sir William Stanier F.R.S.' in BR maroon (Hor) ... £189



32-850A Class 9F 2-10-0 92220 'Evening Star' in BR green late crest (Bac) (RRP £189.95) ... BARGAIN ... £149



R3663TTS Class A1 4-6-2 60163 'Tornado' in LNER apple green British Railways lettering - Railroad Range - TTS sound fitted (Hor) NEW ... £122.50



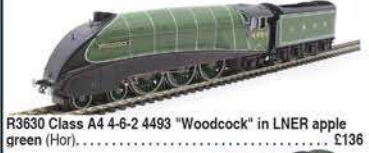
31-531 Class A2 4-6-2 60536 'Trimbrush' in BR lined green early emblem (Bac) (RRP £179.95) BARGAIN ... £111



R3518 Class A3 4-6-2 106 'Gay Crusader' in LNER apple green - 'The Final Day' special edition (Hor) (RRP £189.99) BARGAIN ... £120



R3395TTS Class A4 4-6-2 4468 'Mallard' in LNER Garter Blue - TTS sound fitted - Railroad Range (Hor) ... £116



R3630 Class A4 4-6-2 4493 'Woodcock' in LNER apple green (Hor) ... £136



R3522 Class A4 4-6-2 60026 'Miles Beavor' in BR green early emblem (Hor) ... £144

Visit

www.hattons.co.uk

25,000+ items available



R3676 Class A4 4468 "Mallard" in LNER garter blue - as preserved (Hor) £152

R3431 Class B12/3 4-6-0 61533 in BR black early emblem (Hor) (RRP £159.99) £123
R3432 Class B12/3 4-6-0 61580 BR black late crest (Hor) (RRP £159.99) £119

R3430 Class B12/3 4-6-0 8573 in LNER apple green (Hor) (RRP £159.99) £122



31-138 Class D11/2 4-4-0 62682 'Haystoun of Bucklaw' in BR black early emblem (Bac) (RRP £139.95) £94



R3235 Class D16/3 'Claud Hamilton' 4-4-0 E2524 in early BR Black (Hor) (RRP £109.99) £55

31-921 Class H2 Atlantic 4-4-2 32424 "Beachy Head" in BR black early emblem (Bac) £161.46
OOJ94-005 Class J94 Austerity 0-6-0ST 68068 in British Railways' black rail bunker (DJ) (RRP £95.50) £56
OOJ94-004 Class J94 Austerity 0-6-0ST 8023 LNER black original bunker (DJ) £62

OOJ94-003 Class J94 Austerity 0-6-0ST 8064 in LNER black original bunker (DJ) £62

32-279A Class K3 2-6-0 1304 in LNER black (Bac) (RRP £139.95) £99
32-281 Class K3 2-6-0 61862 BR black early emblem (Bac) (RRP £139.95) £98

R3531 Class M7 0-4-4T 30129 in BR black late crest (Hor) (RRP £155.99) £114



32-165 Class N 2-6-0 31874 in BR lined black early emblem (Bac) (RRP £154.95) £110



3911 Class O2/3 Tango 2-8-0 63954 in early British Railways black stepped tender (Hel) (RRP £184.95) £84



3920 Class O2/4 Tango 2-8-0 3962 in LNER black flush tender (Hel) (RRP £184.95) £89



3922 Class O2/4 Tango 2-8-0 63975 in BR black late crest flush tender (Hel) (RRP £184.95) £84



3923 Class O2/4 Tango 2-8-0 63982 in BR black late crest flush tender (Hel) (RRP £184.95) £84

3921 Class O2/4 Tango 2-8-0 63983 in BR black early emblem flush tender (Hel) (RRP £184.95) £89
R3171 Class P2 2-8-2 2001 Cock O' The North LNER Green (Railroad Range) (Hor) £84

R3615 Class W4 Peckett 0-4-0ST 560 in Peckett works leaf green builders lettering (Hor) £90



R3550 Class W4 Peckett 0-4-0ST 883 in Lilleshall Co (Hor) £99.99



R3420 Drummond Class 700 0-6-0 30346 in BR black late crest (Hor) (RRP £124.99) £59



R3421 Drummond Class 700 0-6-0 30698 in BR Black early emblem (Hor) (RRP £124.99) £59



R3419 Drummond Class 700 0-6-0 693 in Southern Railway black (Hor) (RRP £124.99) £69



R3359 ex-GWR Class 101 0-4-0 393 'Rothery Industries' - Railroad Range (Hor) (RRP £34.99) £16



R3360 Freelance 0-4-0T 87 "Mosley Tarmacadam" in black - Railroad Range (Hor) (RRP £34.99) £16



35-050 LNWR 0-6-2T Webb Coal tank 1054 in LNWR plain black - as preserved (Bac) (RRP £119.95) £83



35-052 LNWR 0-6-2T Webb Coal tank 58900 in BR black early emblem (Bac) (RRP £119.95) £87



R3524 Rebuilt 'West Country' 4-6-2 34096 "Trevone" in BR green late crest (Hor) (RRP £174.99) £136



H4-P-001 SECR P Class 0-6-0T 178 in SE&CR full lined green (with brass) (Hat) £99



H4-P-015 SECR P Class 0-6-0T 27 in SE&CR full lined green (with polished brass) (Hat) £99



H4-P-012 SECR P Class 0-6-0T 323 "Bluebell" in Bluebell Railway lined blue (2010s) (Hat) £99



32-359A Standard Class 4MT 2-6-4T 80092 in BR black early emblem (Bac) (RRP £134.95) £92



R3500 The Sir Nigel Gresley Collection (Hor) (RRP £549.99) £474



R9287 Thomas and Friends - 0-6-0T No.1 Thomas the Tank Engine (Hor) £36



32-250A WD Austerity 2-8-0 79250 "Major-General Mc Mullen" in Longmoor Military Railway blue (Bac) (RRP £169.95) £115

Steam train packs



R3401 The Bristolian Train Pack - Ltd Ed (Hor) (RRP £304.99) £177



10001HAP 10001 BR Brunswick green orange, black & orange lining, Aug 1956 - Oct 1957. (Dap) (RRP £105) £94



2503 Class 05 Hunslet shunter "Cider Queen" in green wasp stripes (Hel) (RRP £129.95) £59



2930 Class 07 shunter 07001 in Harry Needle Railroad Company - Exclusive to Hattons Model Railways (Hel) (RRP £139) £95



2903 Class 07 shunter 07010 in BR blue wasp stripes (Hel) (RRP £139) £101



2910 Class 07 shunter 2983 in BR blue wasp stripes and air brakes (Hel) (RRP £139) £104



R3504TTS Class 08 08623 in DB Schenker - TTS Sound fitted (Hor) £132



32-119 Class 08 Shunter 08907 in DB Schenker red (Bac) (RRP £124.95) £71



32-790 Class 37/0 37049 "Imperial" Pannier triple grey (Bac) £135.96



32-789 Class 37/0 37099 "Merl Evans 1947-2016" in Colas Rail Freight (Bac) £135.96



32-377A Class 37/4 37401 "Mary Queen Of Scots" in BR large logo blue (Bac) £117.26



32-392 Class 37/5 37688 "Kingmoor TMD" in Direct Rail Services compass blue (Bac) £135.96



R3491 Class 42 Warship D805 "Benbow" in BR green - Railroad Range (Hor) (RRP £84.99) £34.50



32-650DS Class 44 D3 "Skiddaw" in BR green small yellow panels - DCC sound fitted (Bac) £203.96



R3658 Class 50 50033 "Glorious" in revised Network SouthEast (Hor) £136



R3653 Class 50 50040 "Leviathan" in BR large logo blue (Hor) £144



5313 Class 53 D0280 "Falcon" in revised lime green and brown - Ltd Ed (Hel) (RRP £125) £72



R3666 Class 590 59004 "Paul A. Hammond" in Yeoman Aggregates - Railroad Range (Hor) (RRP £84.99) £64



32-737 Class 66 66065 in EWS DB Schenker branding - weathered (Bac) (RRP £179.95) £124



32-738 Class 66 66711 "Sence" in GBRF/Aggregate Industries (Bac) (RRP £169.95) £113

All prices correct
when going to press.
Errors excepted.



R3659 Class 67 67027 "Charlotte" in Colas Rail Freight (Hor) **NEW**£144



31-590 Class 70 70015 in Freightliner air intake modifications (Bac) (RRP £169.95)£133



4D-006-000 Class 73/1 73102 "Airtour Suisse" in Intercity executive (Dap) (RRP £146.22)£98



OLIV003 Class 73/1 73141 "Charlotte" in First GBRI purple - Olivias Trains limited edition (Dap) (RRP £140)£84



4D-006-005 Class 73/1 electro-diesel E6039 in BR blue with small yellow panels (Dap) (RRP £146.22)£91



OLIV002 Class 73/2 73205 "Jeanette" in GB Railfreight blue - Olivias Trains limited edition (Dap) (RRP £140)£84



OLIV001 Class 73/2 73207 in Gatwick Express - Olivias Trains limited edition (Dap) (RRP £140)£84



4000 Hawker Siddeley Brush HS4000 "Kestrel" prototype diesel electric loco (Hel) (RRP £155)£129



32-993 Type 27 Wickham Trolley and trailer MPP0007 in BR engineers yellow wasp stripes (Bac) (RRP £79.95)£55

HSTs



R3685 Pair of Class 43 HST Power Cars 43041 "Meningitis Trust Support for Life" and 43005 in GWR green (Hor) (RRP £289.99)£229



R3602TTS Pair of Class 43 HST Power Cars 43078 and 43079 in Intercity Swallow - TTS sound fitted (Hor)£239



R3510 Pair of Class 43 HST Power Cars 43187 and 43188 in GWR green - Ltd Ed (Hor) (RRP £289.99)£246

Electric locos



R3373 Class 71 E5001 in BR Green (Hor) (RRP £170.99)£101



0071-002HAT Class 71 E5015 in BR Southern Region light green full Golden Arrow headboards, arrows and flags pre-fitted - Exclusive to Hatton's (DJ) (RRP £139.95)£99



7700 Class 77 EM2 Woodhead electric 27000 "Electra" in BR black early emblem - gloss finish - Ltd Ed for Olivias Trains (Hel) (RRP £165)£129



7704 Class 77 EM2 Woodhead electric 27001 "Ariadne" in BR green - Ltd Ed for Olivias Trains (Hel) (RRP £165)£99



7702 Class 77 EM2 Woodhead electric 27004 "Juno" in BR electric blue - Ltd Ed for Olivias Trains (Hel) (RRP £165)£99



7706 Class 77 EM2 Woodhead electric E27006 "Pandora" in BR electric blue - Ltd Ed for Olivias Trains (Hel) (RRP £165)£109



R3582 Class 87 87010 "King Arthur" in Intercity Swallow (Hor)£144



R3580 Class 87 87035 "Robert Burns" in BR Blue (Hor)£144



R3480 Class 92 92016 "Brahms" in Railfreight grey EWS "Beastie" vinyls (Hor) (RRP £99.99)£52



9002 Metropolitan Bo-Bo electric 1 in London Transport wartime grey (Hel) (RRP £139.95)£64

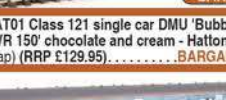
DMUs



32-289 Class 101 2 car DMU in BR white and blue passenger figures (Bac) (RRP £219.95)£162



4D-009-HAT01 Class 121 single car DMU "Bubblecar" 120 in "GWR 150" chocolate and cream - Hatton's limited edition (Dap) (RRP £129.95)£105



4D-009-HAT02 Class 121 single car DMU "Bubblecar" 121032 in Arriva Trains Wales - Hatton's limited edition (Dap) (RRP £129.95)£105



4D-009-HAT07 Class 121 single car DMU "Bubblecar" 55022 in original Network South East - Hatton's limited edition (Dap) (RRP £129.95)£105



4D-009-HAT05 Class 121 single car DMU "Bubblecar" 55027 in revised Network South East - Hatton's limited edition (Dap) (RRP £129.95)£105



4D-009-001 Class 121 single car DMU "Bubblecar" W55020 in BR green speed whiskers (Dap) (RRP £145)£109



4D-009-004 Class 121 single car DMU "Bubblecar" W55023 in BR blue - DCC Fitted (Dap) (RRP £170.56)£127



4D-009-002 Class 121 single car DMU "Bubblecar" W55028 in BR green small yellow panels (Dap) (RRP £145)£109



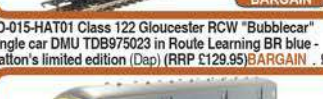
4D-009-003 Class 121 single car DMU "Bubblecar" W55029 in BR blue & grey (Dap) (RRP £145)£109



4D-015-HAT01 Class 122 Gloucester RCW "Bubblecar" single car DMU TDB975023 in Route Learning BR blue - Hatton's limited edition (Dap) (RRP £129.95)£105



8920 Class 128 parcels DMU 55991 in BR blue yellow ends "Parcels Service" branding (Hel) (RRP £119.95)£50



8940 Class 128 parcels DMU M55993 in BR Blue full yellow ends and flush fronts (Hel) (RRP £119.95)£59

EMUs



R3806 5-BEL Pullman Brighton Belle EMU end vehicles in Pullman umber and cream small yellow panels (Hor)£160



R4871 Pack of three centre coaches for 5-BEL Brighton Belle in Pullman umber and cream (Hor) (RRP £179.99)£132



B800 Non-motorised OO Track Cleaner motorised cleaning heads & vacuum in blue (Dap)£64

Track Maintenance vehicles



39-602 60' ex-SECR Birdcage brake third lavatory S3500S in BR crimson (Bac) (RRP £59.95)£42



39-622 60' ex-SECR Birdcage brake third S3428S in BR crimson (Bac) (RRP £59.95)£42



39-612 60' ex-SECR Birdcage composite S5468S in BR crimson (Bac) (RRP £59.95)£42



R4524 Collett brake third 5121 in GWR chocolate and cream - Railroad Range (Hor) (RRP £23.99)£10



R4525 Collett restaurant car 9578 in GWR chocolate & cream - Railroad Range (Hor) (RRP £21.99)£10



R4332 Gresley composite 22357 in LNER teal - Railroad range (Hor) (RRP £23.99)£12



R4522C Gresley non-vestibled suburban brake third E86109E BR maroon (Hor) **NEW**£45



R4520B Gresley non-vestibled suburban third E82190E BR maroon (Hor) **NEW**£45



R1176 Class 373 "Eurostar" Train Set (Hor) (RRP £169.99)£129



R1214 East Coast Express Train Set (Hor)£157.50



R1167 Flying Scotsman Train Set 3 x LNER coaches (loco has 3-pole motor) (Hor)£130



R1202 Mallard Pullman Train Set Class A4 4468 "Mallard" in LNER blue and pair of Pullman coaches (Hor)£144



R1157 West Coast Highlander starter train set (Hor)£75

Train sets - digital



R1173 e-Link DCC Western Master train set GWR Class 2721 steam loco & 3 wagons (Hor)£130



R1172 e-Link Majestic digital train set Class A1 4-6-2 in BR blue and Class 47 diesel (Hor) (RRP £299.99)£250



R1125 Somerset Belle train set Class 3F 0-6-0 S&DJR 0-6-0 steam loco & 3 wagons - DCC control (Hor) (RRP £210.99)£130



R1184 Western Express digital train set eLink TTS sound Hall steam loco (Hor) (RRP £329.99)£199

Coaches



39-602 60' ex-SECR Birdcage brake third lavatory S3500S in BR crimson (Bac) (RRP £59.95)£42



39-622 60' ex-SECR Birdcage brake third S3428S in BR crimson (Bac) (RRP £59.95)£42



39-612 60' ex-SECR Birdcage composite S5468S in BR crimson (Bac) (RRP £59.95)£42



R4524 Collett brake third 5121 in GWR chocolate and cream - Railroad Range (Hor) (RRP £23.99)£10



R4525 Collett restaurant car 9578 in GWR chocolate & cream - Railroad Range (Hor) (RRP £21.99)£10



R4332 Gresley composite 22357 in LNER teal - Railroad range (Hor) (RRP £23.99)£12



R4522C Gresley non-vestibled suburban brake third E86109E BR maroon (Hor) **NEW**£45



R4520B Gresley non-vestibled suburban third E82190E BR maroon (Hor) **NEW**£45



R4521C Gresley non-vestibled suburban composite E88067E in BR maroon (Hor) **NEW**£45



R4520B Gresley non-vestibled suburban third E82190E BR maroon (Hor) **NEW**£45



R4521C Gresley non-vestibled suburban composite E88067E in BR maroon (Hor) **NEW**£45

Opening Hours
Store: 09:00 - 17:00 Mon - Sun

0151 733 3655



07:30 - 18:30 Mon - Sat
09:00 - 17:00 Sun



39-576 Hawksworth A38 Auto-trailer W228W in BR maroon (Bac) (RRP £68.95) **BARGAIN** £48



R4873 LMS Stanier Period III coaches in LMS Coronation Scot crimson lake - pack of three - Railroad Range (Hor) £64



39-032 Mk 1 SK Second Corridor SC24859 in Sealink (Bac) (RRP £44.95) **BARGAIN** £29



39-175E Mk1 BG full brake E80645 in BR blue & grey (Bac) (RRP £44.95) **BARGAIN** £30



R4710 Mk1 BSK brake second corridor W34290 in BR chocolate & cream (Hor) (RRP £32.99) **BARGAIN** £14
30-525BSK Mk1 BSK brake second corridor W35470 in BR chocolate and cream - split from 30-525 set (Bac) NEW **BARGAIN** £22.50



39-126C Mk1 CK composite corridor M15916 in BR maroon (Bac) (RRP £44.95) **BARGAIN** £30
30-525Kitchen Mk1 Pullman kitchen car 99335 in Pullman umber and cream - split from 30-525 set (Bac) NEW **BARGAIN** £32.50
30-525parlour Mk1 Pullman parlour car 99353 in Pullman umber and cream - split from 30-525 set (Bac) NEW **BARGAIN** £32.50



39-261B Mk1 RMB Miniature Buffet W1816 in BR Maroon (Bac) (RRP £44.95) **BARGAIN** £31



39-051E Mk1 SO second open M4929 in BR maroon (Bac) (RRP £44.95) **BARGAIN** £33



R4623 Mk2E FO first open W3244 in BR blue and grey - Railroad range (Hor) (RRP £25.99) **BARGAIN** £12



39-701 Mk2F 'Aircon' BSO brake second open in InterCity (Bac) £46.71
39-701DC Mk2F 'Aircon' BSO brake second open in InterCity - DCC fitted interior lighting (Bac) £67.96



39-650DC Mk2F 'Aircon' FO first open in BR blue and grey - DCC fitted interior lighting (Bac) £67.96



39-652 Mk2F 'Aircon' FO first open in InterCity (Bac) £46.71
39-652DC Mk2F 'Aircon' FO first open in InterCity - DCC fitted interior lighting (Bac) £67.96
39-686DC Mk2F 'Aircon' RFB restaurant first buffet in InterCity - DCC fitted interior lighting (Bac) £67.96



39-677 Mk2F 'Aircon' TSO tourist second open in InterCity (Bac) £46.71
R4779A Mk1 TRUB restaurant buffet 40743 in GWR green (Hor) £31.50



NEW OR763T0001C Mk3a TSO second open M12070 BR blue and grey (Oxt) £29
OR763T0001 Mk3a TSO tourist second open M12056 BR blue and grey (Oxt) NEW £29



R4666A Mk4 TSO second open 12447 in East Coast (Hor) (RRP £28.49) **BARGAIN** £11
R1184coaches Pack of 3 Pullman parlour coaches - Split from R1184 Set (Hor) NEW £45
R4313 Pullman brake car (without lights) 'Car No.65' - Hornby Railroad Range (Hor) (RRP £23.99) **BARGAIN** £10



R4860 Pullman J Type 'Devon Belle' observation car No.13 in Pullman umber and cream (Hor) £60



R4660 Pullman Third Class Kitchen Car - K-Type Pullman Car (Hor) (RRP £49.99) **BARGAIN** £30



39-525A SR PLV luggage van 1061 in Southern Railway olive green (Bac) (RRP £34.95) **BARGAIN** £25
34-385 Thompson 3rd class corridor LNER teak (Bac) (RRP £54.95) **BARGAIN** £41



OR76MW4001W 4-plank open wagon 'North British Railway' - weathered (Oxt) NEW £9



NEW R6888TTS 4-wheel 12 ton vent van in BRauxite - TTS sound fitted (Hor) NEW £36
OR76MW7020W 7 plank wagon - 'Barton and Company, Wrexham' - weathered (Oxt) NEW £9
OR76MW7019W 7 plank wagon - 'George and Company, Cardiff' - weathered (Oxt) NEW £9



H4-BH-004 Beilhack snow plough (ex Class 40) ZZA ADB965579 in BR yellow 'Stratford Shark' (Hat) £43



37-089 7 plank wagon end door 127916 in LNER grey (Bac) (RRP £18.95) **BARGAIN** £11



H4-BH-004 Beilhack snow plough (ex Class 40) ZZA ADB965579 in BR yellow 'Stratford Shark' (Hat) £43



R6728 BR (ex LMS) Horse box M42367M in BR crimson (Hor) (RRP £21.99) **BARGAIN** £9



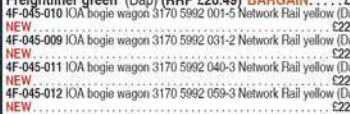
R6369 Breakdown crane in yellow (Hor) (RRP £25.99) **BARGAIN** £11



R6365 Breakdown Crane pack 20-ton brake van and 8-plank open wagon - Railroad Range (Hor) (RRP £32.99) **BARGAIN** £14.50



4F-026-016 HIA aggregate limestone hopper 369019 in Freightliner green (Dap) (RRP £26.49) **BARGAIN** £21
4F-045-010 IOA bogie wagon 3170 5992 001-5 Network Rail yellow (Dap) NEW £22.31
4F-045-009 IOA bogie wagon 3170 5992 031-2 Network Rail yellow (Dap) NEW £22.31
4F-045-011 IOA bogie wagon 3170 5992 040-3 Network Rail yellow (Dap) NEW £22.31
4F-045-012 IOA bogie wagon 3170 5992 059-3 Network Rail yellow (Dap) NEW £22.31



R6833 LNER 20 ton 'Toad B' brake van 140422 in LNER grey (Hor) £19.80
R6833A LNER 20 ton 'Toad B' brake van 140526 in LNER auxite (Hor) £19.80



R6834 LNER 20 ton 'Toad E' brake van E175712 in BR grey (Hor) £19.80
R6834A LNER 20 ton 'Toad E' brake van E1788614 in BR grey (Hor) £19.80



OR76WW008B Warwell Sherman Tank - weathered (Oxt) £34



R8012 HM2000 High output power & speed controller, mains supply. (Hor) £87



R8214 DCC Elite unit digital controller (Hor) £210
R8312 e-LINK Module, Railmaster Software & 1 Amp Transformer (PC Laptop Required) (Hor) £85



DCP-CB13MX Cobalt slow-action digital DCC point motor - Pack of 13 for price of 12 (DCC) (RRP £259.95) NEW **BARGAIN** £220
R8014 Mark 2 Point Motor (Hor) (RRP £9.99) **BARGAIN** £5



R8243 Surface Mounted point motor (Hor) £8.50



R044 Passing contact lever frame switch (for point motors) (Hor) (RRP £11.99) **BARGAIN** £6



76ACC006 Pack of 4 pallets loads 'Watney's Red Barn' (Oxt) NEW £3.50
76ACC005 Pack of 4 pallets loads 'Wills Woodbine' (Oxt) NEW £3.50
76ACC008 Pack of four pallets loads 'Pratts Motor Oil' (Oxt) NEW £4.50
76ACC007 Pack of four pallets loads 'Heckitt's Starch' (Oxt) NEW £4.50
SF10X Steam loco sound capsule (with built battery, speaker & motion deflector) (Tra) £1



SL-11 Insulated rail joiners/fishplates (for code 100 rails incl. Hornby, Peco & Peco Streamline). For OO, HO & O gauge - Pack of 12 (Pec) £2
SL-10 Metal rail joiners/fishplates (for code 100 rails incl. Hornby, Peco & Peco Streamline). For OO, HO & O gauge - Pack of 24 (Pec) £2.20
R8087 Track Cleaning Rubber (Hor) (RRP £2.45) **BARGAIN** £1



R8000 Complete station kit platforms, fencing and station building (Hor) (RRP £29.99) **BARGAIN** £19.50



R8005 Signal box (Hor) (RRP £15.99) **BARGAIN** £9



R8007 Station booking hall (Hor) (RRP £26.99) **BARGAIN** £12



R083 Box of 6 Buffer Stop (Hor) £9.50
R083 Single (Hor) £1.80



R636 Double track level crossing (Hor) (RRP £28.99) **BARGAIN** £14



R070 Electrically Operated Turntable (Hor) £64
R330 Overhead power pylons - pack of three (Hor) (RRP £12.99) **BARGAIN** £8



Signals



R406 2 aspect colour light signal (Hor) (RRP £9.99) **BARGAIN** £9
DCD-GS-RG 2-aspect Red/Green ground signal - Pack of 12 (DCC) (RRP £79.96) **BARGAIN** £51
DCD-MGS-RG 2-aspect Red/Green ground signal Alpha Mimic control board - Pack of 12 (DCC) (RRP £99.95) **BARGAIN** £69
DCD-GS-BR 2-aspect Red/White LMS and BR-style ground signal - Pack of 12 (DCC) (RRP £79.96) **BARGAIN** £51



DCD-MGS-BR 2-aspect Red/White LMS and BR-style ground signal Alpha Mimic control board - Pack of 12 (DCC) (RRP £99.95) **BARGAIN** £69
DCD-GS-MG 2-aspect Red/White modern ground signal - Pack of 12 (DCC) (RRP £79.96) **BARGAIN** £51
DCD-MGS-MG 2-aspect Red/White modern ground signal Alpha Mimic control board - Pack of 12 (DCC) (RRP £99.95) **BARGAIN** £69
R172 Distant signal (Hor) (RRP £12.99) **BARGAIN** £6
41-001-001 Signal - Motorised, Square post GWR home lower quadrant (COOSIN1) (Dap) £25



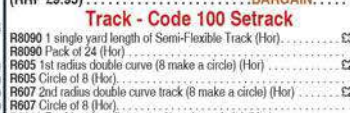
Buildings - general



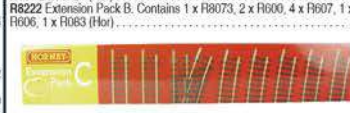
99660 Art Deco Bus Garage and bus (EFE) £72.21
P0289 Fire station - card kit (Maj) NEW £16.50



R660 Elevated sidewalks (320mm length) (Hor) (RRP £18.99) **BARGAIN** £8



People - civil



36-407 1950s Train Crew x 6 (Bac) (RRP £9.95) **BARGAIN** £7.50



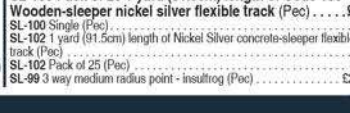
36-043 British Rail Station staff x 6 (Bac) (RRP £9.95) **BARGAIN** £7



Track - Code 100 Setrack



R8090 1 single yard length of Semi-Flexible Track (Hor) £3.50
R8090 Pack of 24 (Hor) £79
R605 1st radius double curve (8 make a circle) (Hor) £2.50
R605 Circle of 8 (Hor) £18
R607 2nd radius double curve track (8 make a circle) (Hor) £2.50
R607 Circle of 8 (Hor) £18
R608 Double 4th radius curve (8 make a circle) (Hor) £2
R601 Double Straight (Hor) £2
R601 Box of 24 (Hor) £47
R8222 Extension Pack B. Contains 1 x R8073, 2 x R600, 4 x R607, 1 x R806, 1 x R083 (Hor) £26



R8223 Extension Pack C. Contains 1 x R8073, 2 x R600, 4 x R607, 1 x R806 (Hor) £24.50
R8072 Left Hand Standard Point (Hor) £9.50
R603 Long Straight - 670mm (Hor) £3.70

R8073 Right Hand Standard Point (Hor) £9.50
ST-241 Setrack No.2 radius left handed point insultrug (Pec) £3
ST-240 Setrack No.2 radius right handed point insultrug (Pec) £3
ST-204 Setrack Quad Straight (670mm) (Pec) £3.50
ST-204 Box of 24 (Pec) £76
ST-100 Setrack Starter Track Set - Second Radius (Pec) £58
R621 Single 970mm length of flexible track (Hor) £3
R621 Pack of 24 (Hor) £66
R600 Standard Straight (Hor) £1.50
R600 Box of 24 (Hor) £34

Track - Code 100 Streamline

SL-100 Pack of 25 1 yard (91.5cm) length of Code 100 Wooden-sleeper nickel silver flexible track (Pec) £66
SL-100 Single (Pec) £3
SL-102 1 yard (91.5cm) length of Nickel Silver concrete-sleeper flexible track (Pec) £3
SL-102 Pack of 25 (Pec) £70
SL-99 3 way radius point - insultrug (Pec) £27

SL-102 1 yard (91.5cm) length of Nickel Silver concrete-sleeper flexible track (Pec) £3

SL-102 Pack of 25 (Pec) £70

SL-99 3 way radius point - insultrug (Pec) £27

Visit

www.hattons.co.uk/new

for all new releases



Buses



76BI004 Beadle Integral Southdown (Ox) NEW £16



76SB003 Saro Bus London Greenline (Ox) £16

Cars



76XR006 Ford Escort XR3i Caspian Blue (Ox) NEW £5

76FS004 Ford Sierra Sapphire Moonstone Blue (Ox) NEW £5

76ETP012 Jaguar E Type Soft Top Imperial Maroon (Ox) NEW £5

76JAG0207 Jaguar XJL Carmine Red (Ox) NEW £5

76MMT010 Morris Traveller Linenwhite (Ox) NEW £5

76RR002 Range Rover Evoque Coupe (Facelift) Fuji White (Ox) NEW £5

76RRS003 Range Rover Sport SVR Firenze Red (Ox) NEW £5

76REL005 Reliant Regal Supervan Blue (Ox) NEW £5

Public Service vehicles

76MFE005 MAN Pump Ladder Hortfordshire Fire & Rescue (Ox) NEW £16

76SAL006 Scania ARP Scottish Fire & Rescue (Ox) NEW £19.50

Commercial vehicles



76ATK004 Atkinson Borderer Low Loader NCB Mines Rescue (Ox) NEW £17

76A003 Austin 4 Van Southern Electricity (Ox) NEW £5.50

76FT3008 Ford Transit MK3 - British Gas (Ox) NEW £30

76SCT008 Scania Car Transporter - ECM (Ox) NEW £30

Military ground vehicles

76QLD007 Bedford QLD RAF and Tactical AF-84 Cap1944 (Ox) NEW £25.50



76WOT001 Ford WOT1 Crash Tender Mickey Mouse (Scampton) (Ox) £12.50

76LR2006 Land Rover Series II SWB Canvas - REME (Ox) NEW £5

76LR3004 Land Rover Series III SWB Canvas - Royal Navy (Ox) NEW £5

76TAC006 TAC32 RAF St. Margaret (Hill) (Ox) NEW £10

76TRA004 Triumph TR4 103MU - RAF Akrotiri Cyprus (Ox) NEW £5

Construction materials - plastic

SSMP228 Builders sheets - random stone - Pack of four 130mm x 75mm sheets (W) NEW £5.50

O09 Narrow Gauge

Track - Code 80 Setrack

ST-400 Setrack narrow gauge starter track pack - first radius (Pec) £68

Track - Code 80 Streamline

SL-404 1 yard length of O09 narrow gauge track 'mainline' wooden sleepers (Pec) £3.50

SL-404 Pack of 25 (Pec) £85

N Gauge

Steam locos



2S-007-010 Class 57xx Pannier 0-6-0 8700 in GWR green shirtbutton emblem (Dap) £72



2S-008-008 Class A4 4-6-2 4468 "Mallard" in LNER garter blue valances (Dap) £128.83



2S-002-001 Class V Schools 4-4-0 902 "Wellington" in Southern Railway malachite green (Dap) (RRP £142.06) BARGAIN £95

Steam train packs



2S-011-004 Class A3 4-6-2 60103 "Flying Scotsman" in BR green early emblem four Gresley leak coaches in crimson & cream liver (Dap) £198.90

Diesel locos



371-470 Class 37/0 37068 "Grainflow" in BR Railfreight triple grey distribution sector (Gra) £110.46



371-468A Class 37/0 97304 "John Tiley" in Network Rail yellow (Gra) £110.46



371-398 Class 66/7 66779 "Evening Star" in BR green GBRF branding (Gra) £114.71

2D-022-005 Class 68 68006 "Daring" Scotrail (Dap) (RRP £135) BARGAIN £98

2D-022-006 Class 68 68007 "Valiant" Scotrail (Dap) (RRP £135) BARGAIN £98

2D-022-003 Class 68 68010 "Oxford Flyer" in Chiltern Railways (Dap) (RRP £135) BARGAIN £98

2D-022-004 Class 68 68014 Chiltern Railways (Dap) (RRP £135) BARGAIN £98

HSTs



2D-019-006 Class 43 HST 4-car book set in East Coast silver (Dap) £160.89



2D-019-008 Class 43 HST 4-car book set in GNER blue (Dap) £160.89



2D-019-009 Class 43 HST 4-car book set in GWR Green (Dap) £160.89

DMUs



371-880 Class 108 2 Car DMU in BR Green half yellow ends (Gra) £144.46



371-629 GWR Railcar 20 in GWR chocolate & cream shirt button emblem (Gra) (RRP £94.95) BARGAIN £75

Train sets - analogue

GMKS007 "Railway Renewals" starter train set - Dapol Class 66 66711 "Seneca", three IOA wagons and oval of Kato track controller (Gau) £212

Model railway spares

SL-310 Rail Joiners/Fishplates for N & O09 gauge (24 per pack) (Pec) £2

Buildings - general

PN189 Fire station - card kit (Mot) NEW £10.50

Track - Code 80 Setrack

ST-11 Double straight track (Pec) £1.60

ST-6 Setrack left hand point insulfrog (Pec) £8.50



ST-5 Setrack right hand point insulfrog (Pec) £8.50

Track - Code 80 Streamline



SL-300 Pack of 25 1 yard (91.5cm) length of Wooden-Sleeper Nickel Silver Flexible track (Pec) £64

SL-300 Single (Pec) £3

SL-E396 Left hand medium point electrofrog (Pec) £9.50



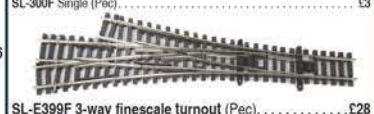
SL-E395 Right hand medium point electrofrog (Pec) £9.50

Track - Code 55 Finescale

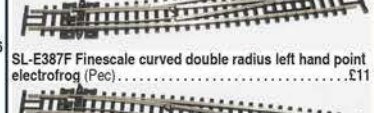


SL-300F Pack of 30 1 yard (91.5cm) length of Finescale Nickel Silver flexible Wooden Sleeper track (Pec) £84

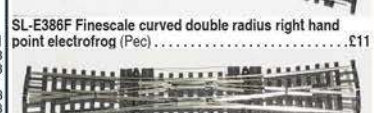
SL-300F Single (Pec) £3



SL-E399F 3-way finescale turnout (Pec) £28



SL-E387F Finescale curved double radius left hand point electrofrog (Pec) £11

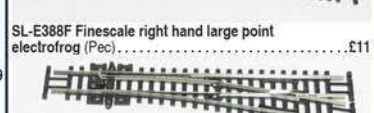


SL-E386F Finescale curved double radius right hand point electrofrog (Pec) £11



SL-E390F Finescale double slip electrofrog (Pec) £38

SL-U396F Finescale left hand medium point unitfrog (Pec) £10



SL-E392F Finescale left hand small point electrofrog (Pec) £9.50



SL-E388F Finescale right hand large point electrofrog (Pec) £11



SL-E391F Finescale right hand small point electrofrog (Pec) £9.50



SL-E383F Finescale scissors crossover electrofrog (Pec) £63

Commercial vehicles

NFDE004 Ford 400E Van - Royal Mail (Ox) NEW £4.50

NFT012 Ford Transit MK5 Stobart Rail Low (Ox) NEW £4.50

NTRAIL004 Mobile Trailer Walls (Ox) NEW £4

Military ground vehicles

NMN007 Mini Car - RAF (Ox) NEW £4



O Gauge (1:43 Scale)

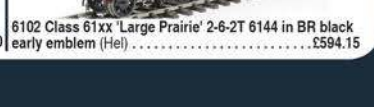
Steam locos

7S-007-002S Class 57xx 0-6-0PT pannier 5700 in Great Western Green - DCC sound fitted (Dap) £357.60



7S-007-001 Class 57xx 0-6-0PT pannier 5717 in BR Black early emblem (Dap) £199.75

7S-007-004S Class 57xx 0-6-0PT pannier 194 in London Transport maroon - DCC sound fitted (Dap) (RRP £428.20) BARGAIN £314



6101 Class 61xx 'Large Prairie' 2-6-2T 6106 in GWR green GWR lettering - as preserved (Hel) £594.15

6100 Class 61xx 'Large Prairie' 2-6-2T 6110 in GWR green Great Western lettering (Hel) £594.15

6103 Class 61xx 'Large Prairie' 2-6-2T 6111 in BR unlined green late crest (Hel) £594.15

6104 Class 61xx 'Large Prairie' 2-6-2T 6132 BR lined green late crest (Hel) £594.15

6102 Class 61xx 'Large Prairie' 2-6-2T 6144 in BR black early emblem (Hel) £594.15



**UK P&P £4 per order
£2 per single diecast item
£7 guaranteed Next Day delivery
(Orders before 2pm)**



7S-025-002 Class 74xx 0-6-0PT pannier 7444 in BR black late crest (Dap) (RRP £400) ... £295
7S-007-005S Class 8750 0-6-0PT pannier 3716 in BR Black late crest - DCC sound fitted (Dap) ... £357.60



7S-010-014 Class A1 'Terrier' 0-6-0T 734 in LSWR green (Dap) (RRP £225) ... £179



GM7210101 Class A1X 'Terrier' 32635 'Brighton Works' in LBSCR improved engine green - 'Gaugemaster Collection' (Dap) NEW ... £184
GM7210102 Class A1X 'Terrier' 32635 'Brighton Works' in LBSCR improved engine green - DCC sound fitted - 'Gaugemaster Collection' (Dap) NEW ... £360
GM7210104 Class A1X 'Terrier' 32635 'Brighton Works' in LBSCR improved engine green - weathered & DCC sound fitted - 'Gaugemaster Collection' (Dap) NEW ... £375
GM7210103 Class A1X 'Terrier' 32635 'Brighton Works' in LBSCR improved engine green - weathered - 'Gaugemaster Collection' (Dap) NEW ... £192



7S-010-008 Class A1X Terrier 0-6-0 5 'Portishead' in GWR Green (Dap) (RRP £225) ... £157
Diesel locos



7D-008-007 Class 08 shunter 13003 in BR black early emblem (Dap) (RRP £225) ... £157
7D-008-010U Class 08 shunter in BR blue (without ladder) - unnumbered (Dap) (RRP £225) ... £157
7D-008-009U Class 08 shunter in BR green late crest and wasp stripes - unnumbered (Dap) (RRP £225) ... £157



2006 Class 20 in BR blue full yellow ends, 1980s style warning flashes and headcode discs - Exclusive to Hatton's (Hel) (RRP £599) ... £450
2011 Class 20 in BR green full yellow ends and 4-character headcodes (Hel) (RRP £599) ... £340



2007 Class 20 in BR Railfreight grey full yellow ends, 1980s style warning flashes and headcode discs - Exclusive to Hatton's (Hel) (RRP £599) ... £450



2015 Class 20 in Railfreight Red Stripe headcode boxes (Hel) (RRP £599) ... £427



2558 Class 25/3 in BR blue - unnumbered (Hel) ... £446.25
2559 Class 25/3 in BR blue - weathered and unnumbered (Hel) ... £446.25



2555 Class 25/3 in BR green small yellow panels - unnumbered (Hel) ... £446.25



4202 Class 42 Warship D869 'Zest' in BR maroon small yellow panels (Hel) (RRP £699) ... £495



5288 Class 52 D1023 'Western Fusilier' in BR blue (Hel) (RRP £599) ... £470



5285 Class 52 D1035 'Western Yeoman' in BR green small yellow panels (Hel) (RRP £599) ... £470



5289 Class 52 D1067 'Western Druid' in BR blue - weathered (Hel) ... £509.15
DMUs



8950 Class 128 parcels DMU M55995 in BR blue yellow ends (Hel) (RRP £599) ... £425
8914 Class 128 parcels DMU W55991 BR blue - weathered (Hel) (RRP £599) ... £425



4953 Mk1 BG full brake in BR chocolate and cream (Hel) (RRP £325) ... £141
4954 Mk1 BG full brake in BR green (Hel) (RRP £325) BARGAIN ... £149



1053 100xx OAA in Railfreight red and grey (Hel) (RRP £84.95) ... £35



7F-056-013 12-ton van planked sides B758511 in BR bauxite (Dap) ... £42.46



7F-200-004 20-ton standard brake van CAP B951224 in BR bauxite (Dap) ... £87.96



1041 200xx VBA sliding door van in BR bauxite - late (Hel) (RRP £84.95) ... £39
GM7410107 7 plank open wagon 'Corral and Co, Brighton' - 'Gaugemaster Collection' (Dap) NEW ... £42



7F-018-002 4-wheel Salt van - 'Stubbs and Co.' (Dap) NEW ... £42.46
7F-052-002 5-plank open wagon 9ft wheelbase - 'Richard Webster and Sons' (Dap) NEW ... £37.75



GM7410202 7 plank open wagon 'Corral and Co, Brighton' - weathered - 'Gaugemaster Collection' (Dap) NEW ... £43
GM7410201 7 plank open wagon 'South and Gasson, Brighton' - 'Gaugemaster Collection' (Dap) NEW ... £42



GM7410202 7 plank open wagon 'South and Gasson, Brighton' - weathered - 'Gaugemaster Collection' (Dap) NEW ... £43



7F-072-003 7 plank open wagon 9ft wheelbase - 'Frederick Biss, Stoke Gifford' (Dap) NEW ... £42.50
7F-073-003 7-plank open wagon 'Lightmoor' (Dap) NEW ... £38
1050 OAA open wagon in BR bauxite (Hel) (RRP £84.95) BARGAIN ... £35



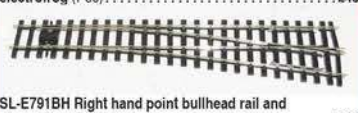
1051 OAA open wagon in BR bauxite - late (Hel) (RRP £84.95) ... £35
Track - Code 124 Bullhead Streamline



SL-700BH Box of 12 1 Yard O Gauge Flexible Nickel Silver Track (Bullhead Nickel Silver Rail) (Pec) ... £75
SL-700BH Single (Pec) ... £6.50



SL-E792BH Left hand point bullhead rail and electrofrog (Pec) ... £43



SL-E791BH Right hand point bullhead rail and electrofrog (Pec) ... £43
ST-725 Setrack Bullhead 2nd radius standard curve 410mm (16") (Pec) ... £5

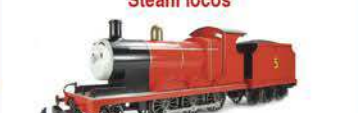


43JUP001 Jowett Jupiter SA Green (Oxf) NEW ... £21
43LAN18024 Land Rover Series 1 88" Canvas Bronze Green (Pinesoft) (Oxf) NEW ... £14.50

Commercial vehicles

43ASV008C Austin Seven Van Coca Cola (Oxf) NEW ... £14.50
Military ground vehicles

VA01209 VW Beetle Type 1, British Army Military Police (Cor) NEW ... £24



G Scale

Steam locos



91403 James the Red Engine (with moving eyes) (Thomas the Tank range) (Bac) ... £210

Train sets - analogue



90069 Percy and the Troublesome trucks train set (Thomas the Tank range) (Bac) ... £265

Any or Multiple Scales

Analogue controllers



COMBI Combi 12v 1Amp Single Track Controller Transformer (Gau) ... £34



D Double/Twin track power controller (Gau) ... £80
Q Quadruple 4 circuit power controller (Gau) ... £149

Analogue point control



PLS-100 SmartSwitch Set for 4 servo control & operation, switches, control board & digital readout for Analogue operation (Pec) ... £59



R8249 Box of 6 8-pin 4-function 2-sided 0.5A (1A peak) decoder (Hor) ... £92
R8249 Single (Hor) ... £16
DCR-8PIN-Direct 8-pin compact direct 4-function 1.1Amp decoder back EMF (Hel) ... £17
DCR-8PIN-Direct Box of 5 (Hat) ... £77
DCR-8PIN-Direct Box of 10 (Hat) ... £136



Steam

Merchant Navy

4-6-2

R8115 TTS DCC Sound Decoder 8 pin plug - 'Merchant Navy' 4-6-2 steam loco (Hor) ... £38



Diesel

Class 37

R8102 TTS DCC Sound Decoder 8 pin plug - Class 37 diesel (Hor) ... £36
R8105 TTS DCC Sound Decoder 8 pin plug - Class 67 diesel (Hor) ... £36
R8107 TTS DCC Sound Decoder 8 pin plug - Gresley Class A4 4-6-2 steam loco (Hor) ... £36
R8108 TTS DCC Sound Decoder 8 pin plug - Popperoom Class A1 4-6-2 steam loco (Hor) ... £36
R8120 TTS DCC Sound Decoders - Pack of 2 8 pin plugs - Class 43 HST (MTU) (Hor) ... £57

Digital controllers

R8312PU-LINK Module, Railmaster Software & 1 Amp European Plug Transformer (PC/Laptop Required) - Unboxed - Split from train set (Hor) NEW ... £58
36-520 EZ Command 5 amp booster transformer (Bac) (RRP £149.95) ... £99



524-042 NCE Power Cab 2 Amp Digital DCC controller (NCE) ... £154
DCC49 Prodigy 8 Amp booster unit (Gau) ... £169

Digital control accessories



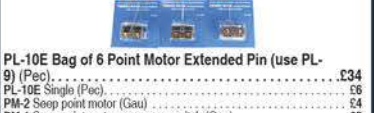
DCC-AEC Cobalt Alpha - 12 way switch control panel (DCC) ... £111
BPDC08 Pack of three DCC autotrap polarity reversal switches - for electrofrog points (Gau) ... £13.50



524-037 SB5 5 amp Power Booster DCC system for use Power Cab controller (NCE) ... £177

Point motors

DCP-CB12P Cobalt 12 slow-action analogue point motor - pack of 12 (DCC) ... £169
DCP-CB12DIP Cobalt 12 slow-action digital point motor - pack of 12 (DCC) ... £220
DCP-CB60DP Cobalt 6 slow-action digital point motor - pack of 6 (DCC) ... £118
DCP-CB120MG Cobalt Omega slow-action analogue point motor x 12 (DCC) ... £165
DCP-CBSS-12 Cobalt SS surface mounted point motors controller - pack of 12 (DCC) ... £245
DCP-CBSS-2 Cobalt SS surface mounted point motors controller - pack of 2 (DCC) ... £46.50
DCP-CBSS-6 Cobalt SS surface mounted point motors controller - pack of 6 (DCC) ... £127
PL-10 Point Motor (Switch Machine) (Pec) ... £6
PL-10 Bag of 6 (Pec) ... £34



PL-10E Bag of 6 Point Motor Extended Pin (use PL-9) (Pec) ... £34
PL-10E Single (Pec) ... £6
PM-2 Seep point motor (Gau) ... £4
PM-1 Seep point motor accessory switch (Gau) ... £5
PL-11 Side/surface mounted point motor (Pec) ... £8



HAT-PM-01 Solenoid point motor including pin extension and 2-way arm for use points and signals. Exclusive to Hatton's (Hat) ... £6.50
HAT-PM-01 Pack of 6 (Hat) ... £35

Switches and levers

PL-13 Accessory Switch for fitting to turnout motor PL10 (Pec) ... £3
DCP-CBS12 Cobalt S - Lever all accessories - unpainted x 12 (DCC) ... £162

Scenic tools & materials

Knives, Blades & Saws

GM593 Plastic kit sprue shaver (Gau) NEW ... £6.50

Tools

PSG-3 Pro Static Grass Precision Applicator (Pec) ... £49

DCM-RR12 Rolling Road - 12 Axle - For OO, N, HO, TT, OO9, EM and P4 gauges (DCC) ... £85
DCM-RR48 Rolling Road - 8 Axle - For OO, N, HO, TT, OO9, EM and P4 gauges (DCC) ... £88



THE ART OF COMPROMISE

Phil and Howard's scenic refurbishment of this budget layout highlighted the products used in its renovation. Here's how you can achieve the same.



See how
this layout was
transformed on the
August 2018 episode
of BRM TV.
Download it now:
www.pocketmags.com/BRM



GET THE LOOK

1: Peco SL-40 plastic puffer stop kits painted with Humbrol Track colour paint (173)

2: Peco Code 100 track. The rail sides have been painted with track colour before careful ballasting using granite chips and then weathering using an airbrush and Lifecolor acrylic paints. We used the LC-CS21 set from Airbrushes.com

3: Ratio models non-working ground signals, catalogue number 465. These are supplied unpainted and unassembled

4: Wills timber-built goods yard store plastic kit. As supplied, the building sits on wooden legs, but these have been replaced with a scratch-built version covered with Slater's brick Plastikard. Weathered by dry-brushing Humbrol dark brown powders

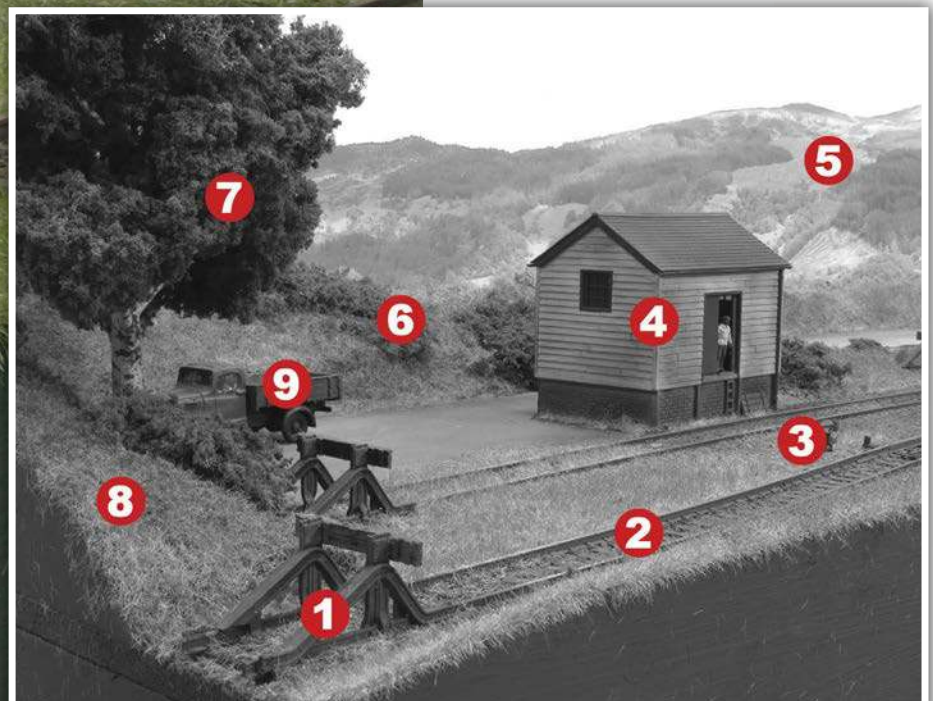
5: Photographic backscene. We used the in-house printers to make this, but any local print shop can do the same, producing the image on matt photographic paper

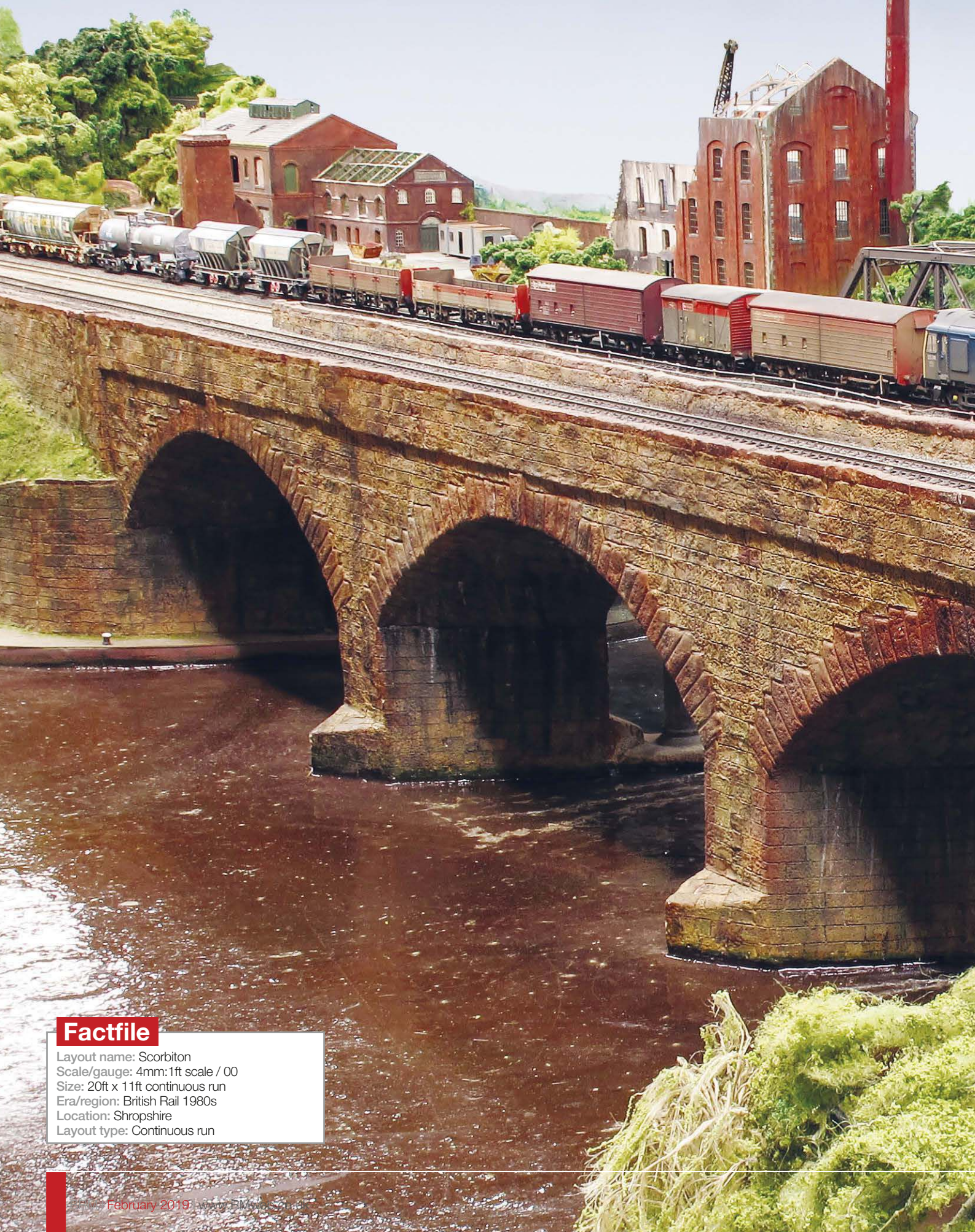
6: Coarse undergrowth is lichen sprayed with hair lacquer and sprinkled with Woodland Scenics Blended Turf

7: Woodland Scenics tree with foliage so it matches the same colour as the rest of the scenery

8: Electrostatic grass from Woodland Scenics. A mix of medium green and beige to avoid it looking the same. If your layout is set in high summer, add more beige, for the spring, use more green

9: John Day Models, Morris dropside lorry





Factfile

Layout name: Scorbton
Scale/gauge: 4mm:1ft scale / 00
Size: 20ft x 11ft continuous run
Era/region: British Rail 1980s
Location: Shropshire
Layout type: Continuous run

SCORBITON

The arrival of new blood in an established club of talented modellers was the spark which ignited the creation of this exhibition show-stopper, set in the Welsh Marches area.

Words: Francis Neale **Photography:** Andy York



A pair of 25/3s heads north with the 6S75 - Severn Tunnel Junction to Mossend Speedlink. This particular train could turn up with a large variety of traffic such as coal, MOD, steel, timber and China clay, which resulted in a correspondingly wide variety of wagons. Many of these wagon types aren't available RTR which has prompted a number of kit and scratch-build projects. Modelled here are a few examples of these unusual wagons, such as the kit-built Tullis Russell PAA 'cavhops', followed by a scratch-built bogie slurry tanker. Eventually there will also be some 3D-printed Russell coal containers on Skeleton chassis. The viaduct stonework is scribed DAS clay.

New era, new project

Back in 2000, with the Club having several younger members with an interest in British Rail of the 1980s, a layout was designed to showcase trains of this era whilst giving plenty of scope for all Club members to contribute. Little did they know just how many trees they would have to make!

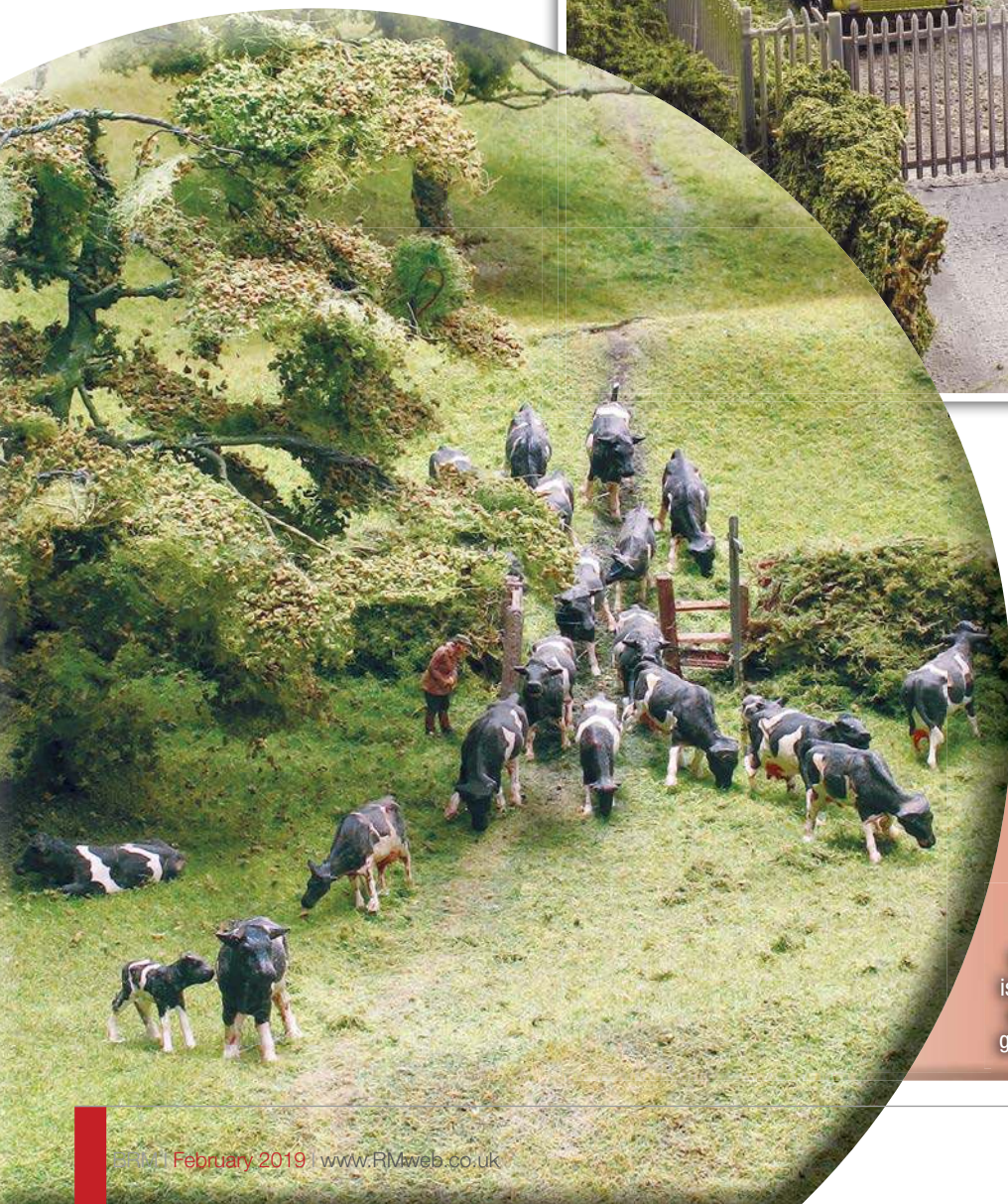
Set in the Shropshire/Welsh Marches area, 'Scorbiton' centres around viaducts crossing the River Severn, with the town of 'Scorbiton' rising uphill to the right, and a canal system approaching on the left through a more pastoral landscape. Aiming at plenty of viewing area, the scenery extends around both ends of the layout, with fiddle yard to the rear. The prominent town scene is inspired by buildings photographed in Whitchurch, Shrewsbury and Malpas.

Traditional in design

Open-framed baseboards of 6mm plywood and softwood framing, with chicken wire and plaster bandage infill, facilitate the variety of levels. The Peco track-work sits on a ½ in chipboard track-bed.



(ABOVE) In 1985, this 150/1 would be almost brand new. The provincial blue unit begins its journey towards Cardiff on a local service via Shrewsbury. There are a lot of trees on the layout. These were a team effort, with most club members involved. The prominent ones are twisted wire, soldered for strength, plus plaster/PVA/brown paint bark texture mix, with teased-out foliage mat and scatters for leaves. Background trees are of slightly quicker construction, again mostly with wire trunks, with merging canopies along the river banks making for less work below.



CAMEO SPOTTING

We like to fill the layout with little cameos that at first glance aren't immediately spotted. That's why this scene is placed mainly behind a tree. The farmer is letting the cows and calves through the gate next to a stile. The cattle are repainted Preiser models. Static grass has been added to the field textures in this area.

DID YOU KNOW?

The platform is detailed with laser-cut benches, Bachmann bins and S-Kits etched passenger luggage trolleys, with a BRUTE from Ten Commandments. The railings are Scalelink etched brass. The station building sits on the bridge.

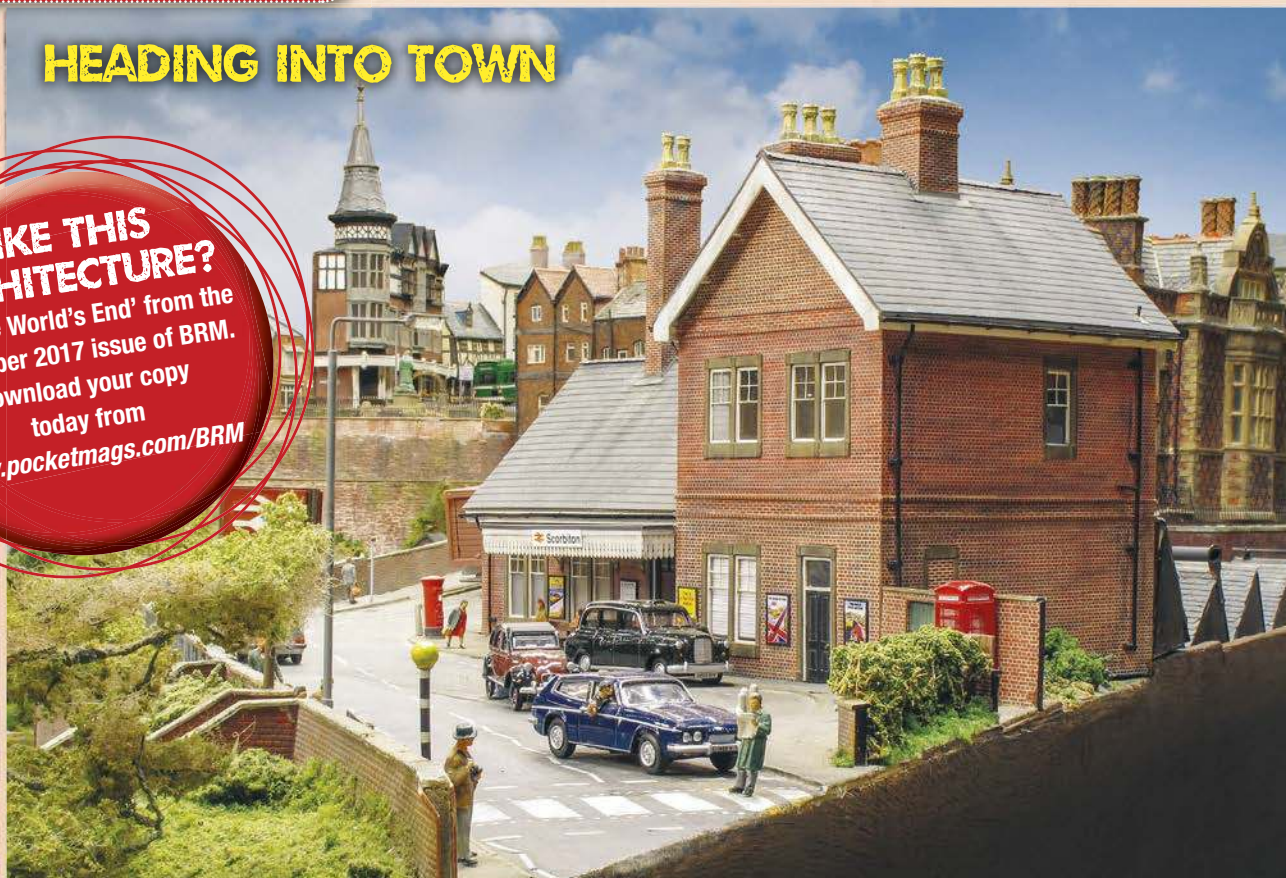


A Crewe-bound class 33 pulls into the station with its rake of blue and grey Mk. 1s, whilst a south-bound steel working rumbles through. The blue Class 08 shuttles various vacuum braked odd-ball wagons around the engineers' yard, as the DMU waits to return south. Behind can be seen the townscape. Many club members contributed with structures or details.

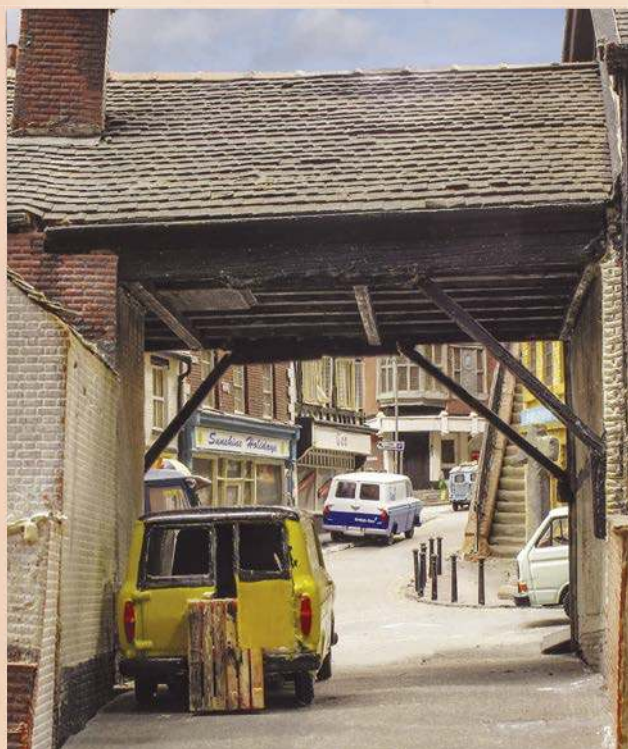
HEADING INTO TOWN

**LIKE THIS
ARCHITECTURE?**

See 'The World's End' from the
December 2017 issue of BRM.
Download your copy
today from
www.pocketmags.com/BRM



The station building is fictitious, but had to be built to a predetermined footprint. Hopefully the end result complements the rest of the town scene. The two-storey section would have been used as accommodation for railway maintenance staff, but when first built would have been the station master's accommodation. The single-storey portion houses the booking office. Access between platforms is via an internal walkway within the building.



The interesting structure in the foreground was based on one in Whitchurch. The shop had been removed to allow access to land behind but with the roof remaining in place, maybe to support the surrounding buildings or as storage space in the loft area. The roof tiles were cut from strips of emery paper as this gives a texture to them.



As we move further up the street, the nearest building on the left is from the Hornby Skaledale range. The next two buildings are also from Whitchurch. One building has been modelled as a gas showroom - which was a common sight on the main street in the '80s. The upper storey window is open with the curtain billowing out. There are models of cookers and fires in the window but no-one can see them apart from the model people passing by!

WHAT WE THINK...



'Scorbiton' offers a display of beautifully-made buildings, all faithful to the Shropshire-area, my childhood 'stomping ground'. Educated during my primary years at Whitchurch, I can see a little of the interesting architecture represented in all of the buildings. The combination of sandstone, red brick and timber are so typical of the area, and make for a wonderfully-interesting composition. The fact that a portion of these layout buildings have been recycled and adapted to suit their new home demonstrates ingenuity. I particularly like the different heights at which each has been set, creating an undulating and natural backdrop - the true feeling of a model railway in a landscape.

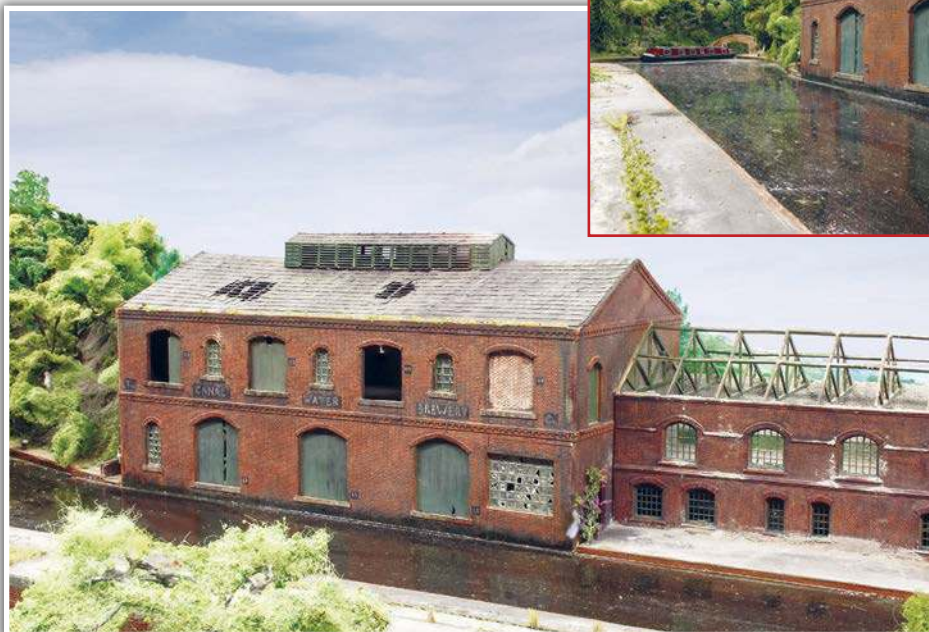
The layout is wired for conventional DC control, with route-setting switches controlling point motors and track feeds automatically via a diode matrix and system of relays. This aids the supply of a frequent and varied selection of trains to entertain onlookers. The layout is lit on all sides by the Club's standard lighting units - these being plywood box beams containing fluorescent tubes. Although heavy, these have survived the rigours of many exhibition outings, and provide an even level of light.

The stock is provided by several Club members, with an emphasis on freight workings which were a staple on the type of route depicted. Enthusiastic building and detailing of stock means there is now more than enough to fill the fiddle yard, even having resorted to adding four extra roads to the outside loops to give more capacity. Perhaps this is a lesson for future layouts!

The Station

Construction of this key detail was from a basic card box with Plastikard overlays. The roof slates were laser-cut from card which saved a lot of time. The canopy brackets and valance, windows and doors were also laser-cut. The brickwork was coloured

INDUSTRIAL NEGLECT



The canal-side brewery warehouse was modelled in semi-derelict condition awaiting demolition. The warehouse was constructed of thick card with Plastikard brickwork, then painted and weathered with enamels to a worn-out look. The change bridge - where the towpath changes sides - was modelled

with DAS clay, then scribed to represent the stonework. Water surfaces of the canal and river were created with multiple coats of varnish over a brown/green painted ply base. One wonders how palatable the products of 'The Canal Water Brewery' were!

KEY DETAILS



Enjoying a different subject of modelling, we decided to model the mill at the back of the layout in a half-demolished state. This meant making many internal structural elements like roof beams, support pillars, brackets and floor joists. Many of these parts were laser-cut in mount board from designs drawn in Adobe Photoshop and Illustrator. Brick textures were etched into the card in the same process. The card was sprayed with red oxide primer to seal it, then overpainted with various hues of enamel brick colour and heavily weathered.

Laser-cutting allowed us to incorporate hundreds of individual bricks with frogs - seen strewn about the demolition site. After collective painting, the bricks were mixed with a concoction of red brick dust, sand and cement, grey plaster and plaster of Paris, all glued with various mixes of PVA. The JCB is from an old Airfix kit. It had a dirty windscreen, but this seems to have fallen out, perhaps due to the vibration of passing trains. The JCB is slightly old for the 'eighties, but contractors sometimes kept vehicles for a long time.

LAYOUT FOCUS

Commuter services on the Welsh Marches brought the BRCWCo. Type 3s unusually far north, as they were the mainstay of power for passenger workings between Cardiff and Crewe during the mid-80s. Non-ETH fitted locomotives such as 25s and 47/0s could also occasionally be seen when a Class 33 was unavailable. These services are well represented with the excellent Heljan Cromptons and Bachmann Mk. 1s.



using the pencil system described in Ken Ball's book 'Modelling Buildings The Easy Way (No. 1)'. The colours were fixed using fixative spray, then weathered using Tamiya Weathering Master mediums. The initial pencil colouring was done on a full sheet prior to cutting - it's easier!

White-metal chimney pots and plastic gutters and downspouts have been employed, although vulnerable pipework was made from brass rod. Posters appropriate for the period such as Red Star Parcels were copies of originals and produced by a printer we know, as were the 'Scorbiton' sign boards. Enamel paints were





A rail tour headed by 46203 (TOPS number 98803) *Princess Margaret Rose* makes a change from the regular Type 3 and 5 diesel traction. Fitted with a Seuthe smoke unit, it makes for an impressive sight heading down the layout. Embarrassingly for a diesel layout, it is the most requested train! The ex-LMS locomotive and its maroon support coach are separated by the Intercity-liveried 'ETHEL' which, apart from providing the coach electricity, is needed as extra traction - the Hornby 'Princess' being unable to haul this train single-handedly.

the prominent town scene is inspired by buildings photographed in Whitchurch, Shrewsbury and Malpas



also used, all suitably weathered.

The station structure is complemented by an overall north-light roof over the platforms. The idea is to give the observer the impression that trains come from a different direction than they actually do. Both are removable as the roof straddles a baseboard joint and has to be installed before the building.

The garden to the side of the station is redundant and uncared for since the stationmaster left. The telephone box with occupant, post box and concrete bollards are all proprietary, as are the people. Street light standards are 'home brewed' from laser-cut clear acrylic, card and brass tube.

The car driver remonstrating with the oblivious pedestrian is typical of the playful cameos dotted around the layout.

Architectural Prominence

The white hotel building is the 'Frog and Nightgown'. The light-coloured extension has been grafted onto a much older building that started life on another layout over 30 years ago. The latter had a roof that had to be discarded and had a gable wall missing. Construction of the extension is Plastikard with laser-cut card roofs as used on the station building. Whilst fictitious, the gable-end detail is based on a feature from a Kendal pub, including its colour. The real thing has smooth rendering and this has been represented on the model by using an appropriately coloured emulsion - match pots are useful! Windows are from the Dornoplas range with the odd laser-cut one thrown in. The sign, although faded, has come from the original 30-year-old model. The extension is deliberately prominent as, in reality, the landlord would want to use its location to advertise 'The Frog and Nightgown' to the 'passing world'! ■

SEE 'SCORBITON' IN ACTION AT:

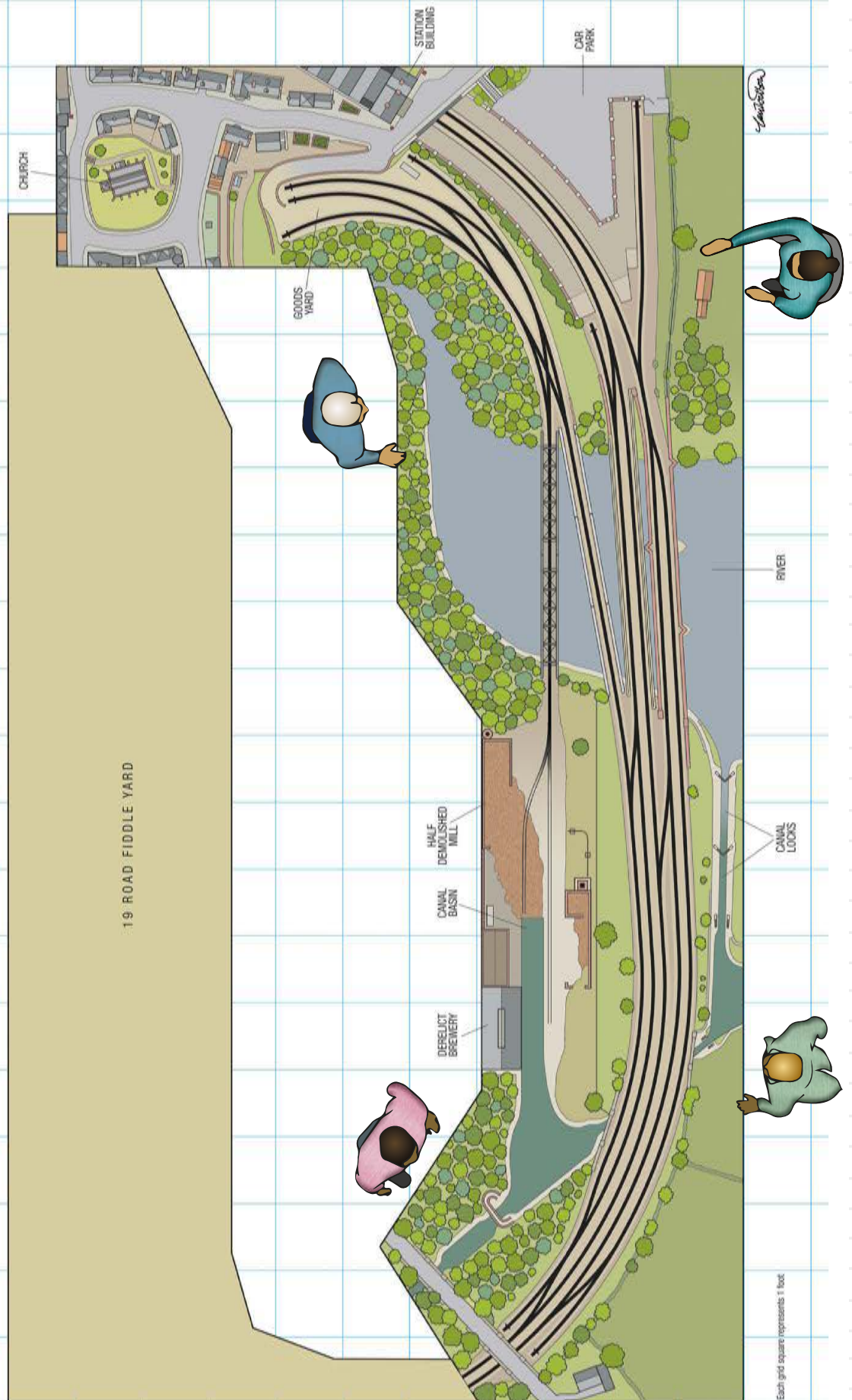
- Kendal MRC exhibition
January 26/27, 2019
- Perth Green exhibition
March 16/17, 2019



Commuters on the Class 150 DMU are treated to some heavy freight action with a large logo blue 'Grid' on a merry-go-round working passing a Class 37/5 on a rake of Cambrian kit-built BDA wagons. A lot of wagons for the layout were kit-built before the advent of many of the recent RTR wagon types.

SCORBITON

The Scorbiton track plan incorporates loops on both Up and Down lines, allowing for extra operational interest and gives viewers time to examine trains in more detail. Access to the bay platform is via a crossover, requiring temporary occupation of up and down lines - a move that needs to be coordinated by both operators. The permanent way yard can be shunted from an independent control panel, and has a reception loop adjacent to the main lines. The river is modelled in forced perspective, meaning it tapers towards the back of the layout. The trees along the banks decrease in size to suit. The town scene hides the fiddle yard entrance at the right hand end. The module boards were incorporated to allow variation of scenic options. The current ones depict the demolition scene, but we have also considered a cement works, a railway preservation site or a wagon repair facility. Something for the future, perhaps?



BUXTON TMD: A LAYOUT CONCEPT

As part of a new series, Editor of **TRACTION** magazine, Stephen Rabone, shares inspiration and ideas to solve common planning problems on diesel-era layouts.

Introduction: Howard Smith **Words:** Stephen Rabone **Illustrations:** Ian Wilson

At the head of line of Class 20s and 37s at Buxton on June 15, 1985 is 47294. The shed is an ideal candidate for using a Bachmann Scenecraft or Heljan kit if you don't feel capable of attempting a scratch-build. RICHARD CLAYTON



Planning to model a diesel-era layout can be difficult if space is at a premium. You'll want it to be interesting with plenty of operating potential. Yet, with many small branch lines axed in the Beeching-era and smaller locomotive sheds closed in favour of larger diesel depots, which options are left for the railway modeller with a compact modelling space?

The common solution seems layouts with a shed located at one end, filled with diesels that are left to idle with DCC sound. An

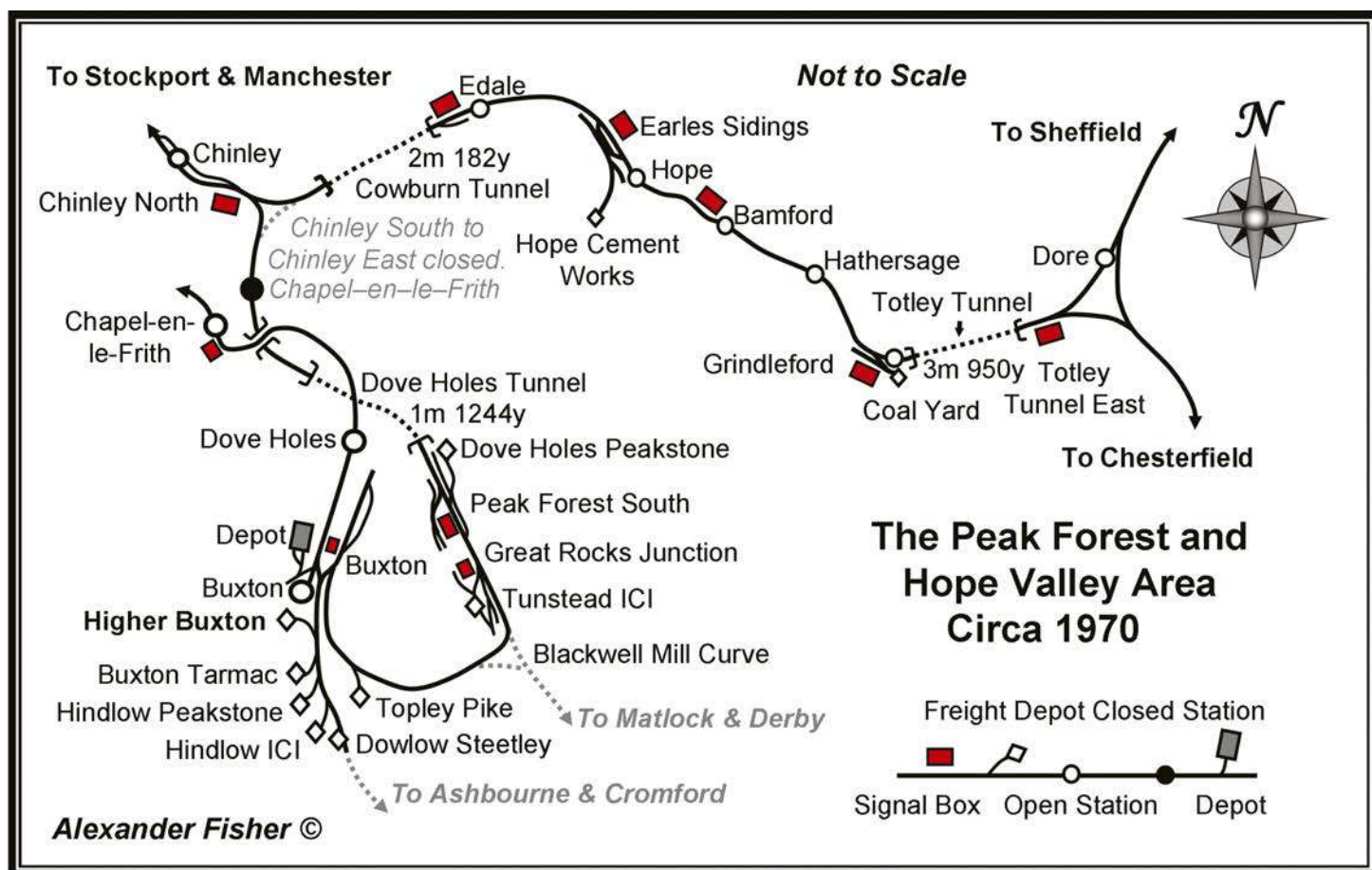
alternative is a station terminus, but in both scenarios the opposite end of the layout is often neglected. If it sounds familiar and you're stuck for ideas as you plan your next compact layout, read on. We tasked Stephen Rabone and **BRM** track plan illustrator Ian Wilson to devise three accessible and highly modellable options. In this issue, we present the first.

Buxton railway history

Buxton has long been an interesting railway centre. Until the 1960s it had two stations

with both being adjacent to each other and featuring a similar style of architecture in keeping with this elegant spa town. The former Midland Railway station with its short branch to the main Manchester to Derby line closed to passengers in the mid-1960s, but a single track remains in place for stone trains to the yard at Buxton, where they reverse before heading up the line to Dowlow. The London and North Western Railway's station remains in use today with a frequent service to Manchester.

Until 1997, Buxton had a two-track diesel



depot, which was built in 1957 to service the Birmingham Railway and Carriage Works (BRCW) three-car diesel multiple units (later Class 104s) used on the services to Manchester. This was adjacent to the station and was easily visible from the station platforms. During the 1970s, Classes 08, 25 and 40 were to be found working from Buxton depot with Class 08s on the trip services to the goods depot at Higher Buxton and '25s' and '40s' on freight trains for the local stone industry. During the 1980s, Buxton depot was responsible for the day-to-day servicing of Class 20, 31, 37, 45, 47. In the 1990s, the Class 20s and 45s were replaced with Class 60 locomotives on shed. In the late 1980s, Buxton lost its work on DMUs, but the fuelling and servicing of diesel locomotives continued until 1997 when the depot closed. The buildings were eventually demolished in 2016.

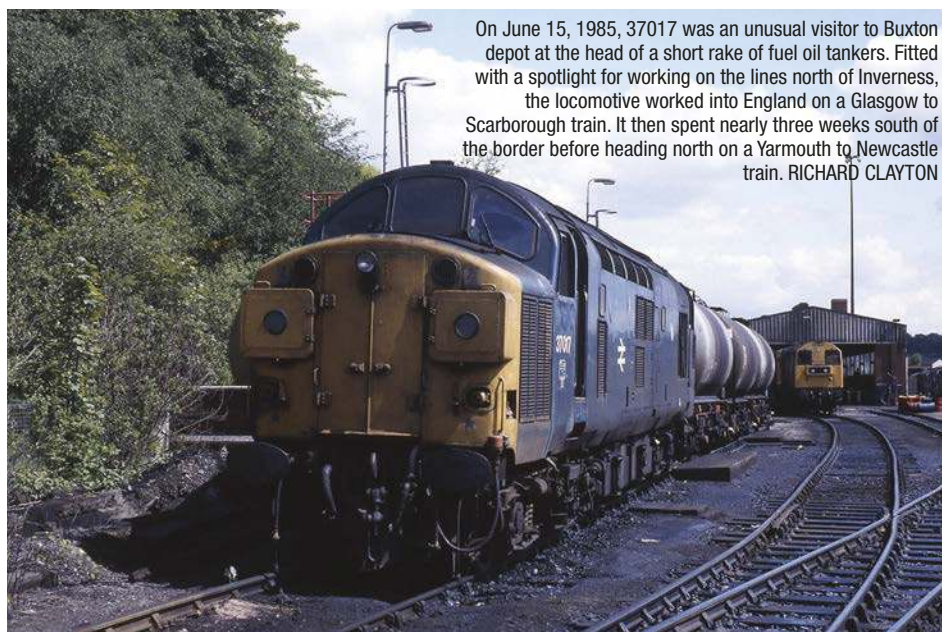
Operation

The layout will need at least one DMU set, though a second would allow the representation of the busy commuter service to Manchester with trains using both platforms. Parcels traffic could bring short trains of locomotive-hauled stock or a single-car parcels DMU.

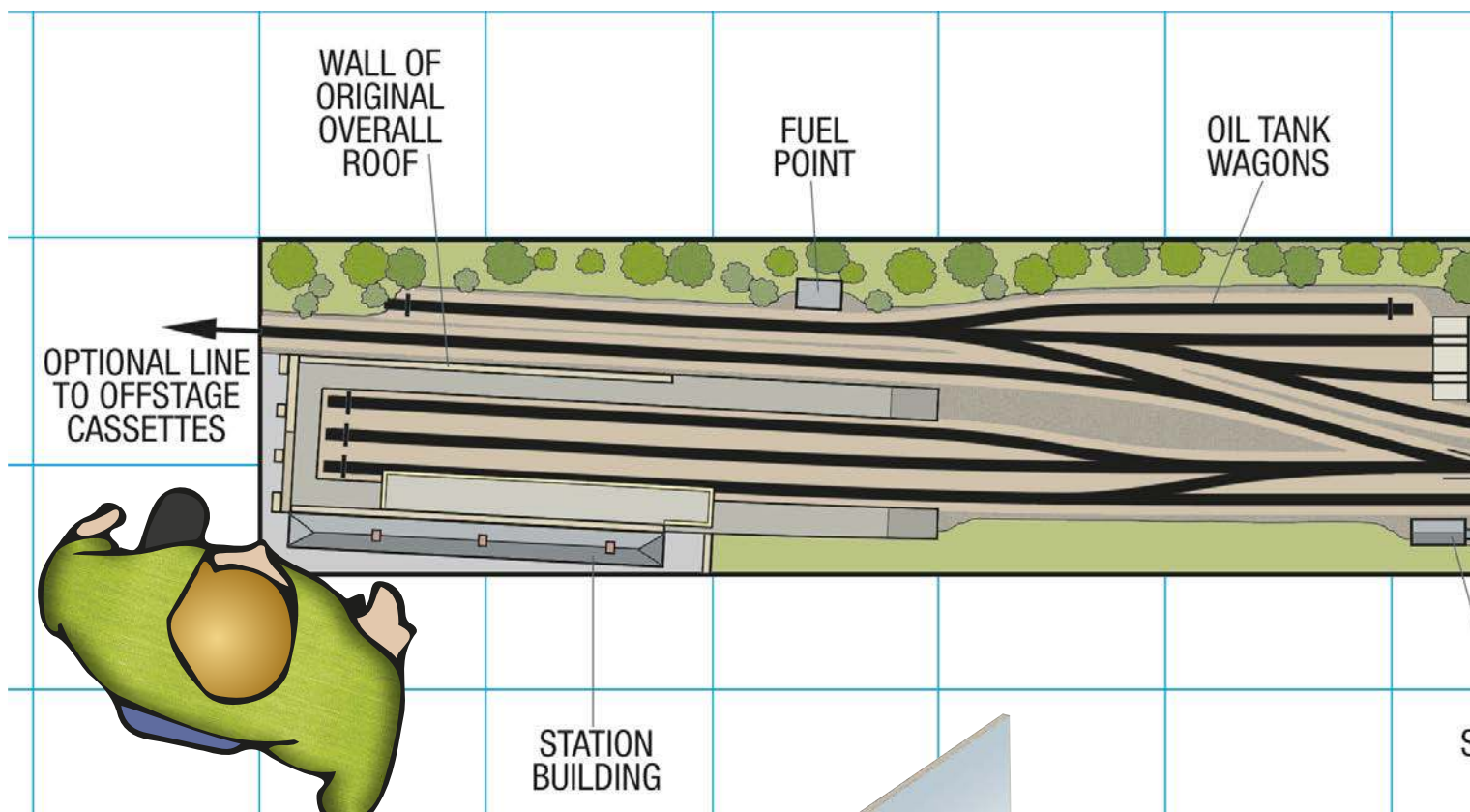
When Buxton depot was responsible for the locomotives working the stone trains from the Peak District, light engines would arrive from the quarries, having reversed in the yard beside the line to Manchester. A typical day would see a succession of locomotives working in and out of the depot for servicing and fuelling.

Stone and cement trains will need to be quite short, so I'd favour using four-wheel

vehicles and smaller diesels, such as Class 25s. They would run onto the line behind the wall where I'd remove the locomotive by hand. Later on, another locomotive could come 'off depot' to return the now supposedly loaded wagons back to the storage area. For the modeller wanting a variety of types of traffic in a comparatively small area, I'd suggest that this idea is worth serious consideration. ■



LAYOUT PLANNING



Behind the depot area a grassy bank leads up to a fence, with possibly some houses being represented on the backscene. The modern depot building and fuelling point complete this part of the layout.

I suggest using Peco medium radius points and a double slip as I feel the layout will look better using larger radius curves

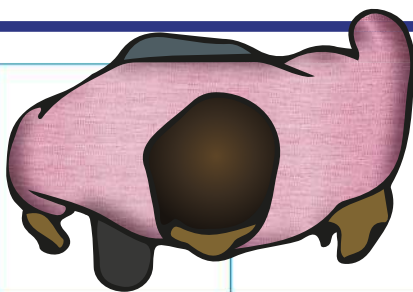
The freight line runs along the rear of the second platform, with the wall being used to conceal freight trains that have supposedly gone up to the branch. If there is a little more space available at the left-hand end of the layout, the freight line could be extended onto a short extra fiddle track to allow wagons to be removed more easily.

The line from the storage area appears from under a bridge and passes the depot. To fit this into the available space I've had to reduce it in length so that only two coach DMUs can be accommodated inside.

To make the layout more interesting visually, I've set the platforms at a slight angle so that the tracks aren't all parallel with the baseboard edge and to give a little more space for the station building.

I've taken further liberties as the station is missing the centre stabling road between the two platform roads. I've also imagined that the original overall roof at Buxton was supported, not on cast iron columns, but on a stone wall behind the second platform and that this has been left standing after the roof was removed.

DIESEL
SERVICING
DEPOT



BRIDGE CONCEALS
ENTRY TO TRAIN
STORAGE AREA

Layout Design

I've devised a simplified version of the station and depot track to fit on a baseboard of about 7ft x 1ft 6in. To this will need to be added storage tracks at the right-hand side representing the line to Stockport. My preference would be to have either a traverser or movable cassettes on a flat board. The obvious length for these would be about 3ft to allow for the running of three-car DMUs, although an extra foot would be useful if running freight trains.

CASSETTE STORAGE

Santhor

Stephen Rabone is the editor of Traction magazine which celebrates classic diesel and electric locomotives.

The Jan-Feb 2019 issue (No. 249) is on-sale now.
Find out more at www.traction-magazine.co.uk



SIGNAL
BOX



Two views of an OO model of Buxton started by the late Paul Sanders, and completed by his son-in-law Stephen Fields of the Hull MRS. TONY WRIGHT

INBOX

Q&A
LETTERS
PROJECTS

KEEP IN TOUCH

BRM The Maltings, West Street, Bourne, Lincolnshire PE10 9PH

TELEPHONE 01778 392059

WEBSITE www.brm-magazine.co.uk

E-MAIL howards@warnersgroup.co.uk

Your forum for sharing information, questions, praise, grumbles, projects, layouts and your thoughts on the hobby then and now.

YOUR CARD KIT-BUILDS

Our BRM exclusive Metcalfe card kit has been popular with you, so here are some of your efforts. Thank you to those who took time to take photographs, all of whom received a Metcalfe card kit of their choice.



I wanted something different with this card kit build, so I gave the entire shell several coats of white primer from a DIY store, which, when weathered with acrylics produces a reaction which crazes the finish slightly.

Wills sheeting was used for the roofs and various bits and bobs were added from the parts' box - guttering, down pipes, a chimney and box on the outside wall. Stone walling of various parentage was taken out of the parts' box. Different wall tops were added to make it look as if it belongs. I should say that the whole scene is far from complete at this stage with, trees, bushes, roadways and fencing to be added. Many thanks again.

Bruce Wilson

Howard Smith replies: Hi Bruce, great effort and a good technique to achieve the appearance of cracking render - your card kit is duly on its way. Please send us photographs of it when you've finished.



Had a fun night-in building the Metcalfe Cottage kit, taking a slightly different route from Phil and using pretty basic weathering. I used a dentist's probe to scribe the stonework and a 2B pencil to shade the vertical corners, then gave the roof a bit of a hard time to make it saggy.

Strips of downloaded roof slates, snipped to make them look uneven were glued-on - the overhang is an excuse not to make downpipes.

The small garden helps to break up the bare gable end wall and is contained within a small retaining wall made from surplus bits of the printed card sprue and a scribed timber backboard, filled with small vermiculite and painted with artists' cheap acrylic - mainly burnt umber and black.

Acrylics were also mixed up, diluted and then almost dry-brushed for the rest of the weathering. It was finished with a quick blast of perfume-free hairspray to fix the colours.

Cheers

David Graham

Howard Smith replies: Great work David, I like the way you've adapted it. Because card is such a simple material to work with, it's surprising that more modellers don't take your approach. Adapting your kit during a build to create changes or add variety can be great fun.



On RMweb you invited us to send photographs of completed Metcalfe Cottage kits. My skills are best suited to box-collecting, layout planning and armchair modelling, with many years' experience of the last-mentioned, but I have begun to try kit-based modelling. I built the kit as supplied, and the photographs show that the well-known problem of white card edges comes across well under artificial light - it's far less noticeable in daylight, honestly!

I'd been given a Metcalfe Barn kit previously, but not got around to making it - having built the cottage I was motivated to continue and a diorama is coming together - thanks BRM for the inspiration! Thank you, and keep up the good work - it is much enjoyed.

Keith Addenbrooke





LNER RUNNING SESSION

Hi Howard. Here are a few photographs of an LNER session I had on my layout Welwyn North which featured in the 2010 Annual of BRM. Normally it's stocked with BR Eastern Region 1950s/early-60s steam era locomotives and stock. I was inspired by Tony Wright's running session (BRM November 2018). It also represents the period my late father was an East Coast main line observer - it was his fault I became a rail enthusiast.

Chris Worby



Watch this
layout in action,
visit [www.brmmag.com/
NewDurhamJunction](http://www.brmmag.com/NewDurhamJunction)

GEORDIE SCENE



Here is my layout 'New Durham Junction'. It's a fictitious OO gauge town layout in the northeast and measures 10ft 6in x 7ft. It has a mixture of locomotives doing various work. All the buildings are from kits by Metcalfe, and locomotives are Lima or Bachmann, with rolling stock from a mixture of suppliers. Vehicles around the layout are from Oxford Diecast. The favourite character on the layout is Mr. Grim who gets placed around it for different scenes.

The layout started life in February when the track and a few locomotives were donated by a good friend. My dad has been a great help when developing the layout. 'New Durham Junction' is far from finished, but I'd like to say a thanks to Scale Model Scenery. **Craig Mason**

Acrylic Rail Paints

Restore or add wear and tear to your prized models

Authentic Rail Colours

HC001 British Livery Black	HC002 British Livery Red	HC003 British Livery Green
HC004 British Livery Yellow	HC005 British Livery Blue	HC006 British Livery Grey
HC007 British Livery White	HC008 British Livery Silver	HC009 British Livery Gold
HC010 British Livery Bronze	HC011 British Livery Copper	HC012 British Livery Pewter
HC013 British Livery Platinum	HC014 British Livery Silver	HC015 British Livery Gold
HC016 British Livery Silver	HC017 British Livery Gold	HC018 British Livery Silver
HC019 British Livery Gold	HC020 British Livery Silver	HC021 British Livery Gold
HC022 British Livery Silver	HC023 British Livery Gold	HC024 British Livery Silver
HC025 British Livery Gold	HC026 British Livery Silver	HC027 British Livery Gold
HC028 British Livery Silver	HC029 British Livery Gold	HC030 British Livery Silver
HC031 British Livery Gold	HC032 British Livery Silver	HC033 British Livery Gold
HC034 British Livery Silver	HC035 British Livery Gold	HC036 British Livery Silver
HC037 British Livery Gold	HC038 British Livery Silver	HC039 British Livery Gold
HC040 British Livery Silver	HC041 British Livery Gold	HC042 British Livery Silver
HC043 British Livery Gold	HC044 British Livery Silver	HC045 British Livery Gold
HC046 British Livery Silver	HC047 British Livery Gold	HC048 British Livery Silver
HC049 British Livery Gold	HC050 British Livery Silver	HC051 British Livery Gold
HC052 British Livery Silver	HC053 British Livery Gold	HC054 British Livery Silver
HC055 British Livery Gold	HC056 British Livery Silver	HC057 British Livery Gold
HC058 British Livery Silver	HC059 British Livery Gold	HC060 British Livery Silver
HC061 British Livery Gold	HC062 British Livery Silver	HC063 British Livery Gold
HC064 British Livery Silver	HC065 British Livery Gold	HC066 British Livery Silver
HC067 British Livery Gold	HC068 British Livery Silver	HC069 British Livery Gold
HC070 British Livery Silver	HC071 British Livery Gold	HC072 British Livery Silver
HC073 British Livery Gold	HC074 British Livery Silver	HC075 British Livery Gold
HC076 British Livery Silver	HC077 British Livery Gold	HC078 British Livery Silver
HC079 British Livery Gold	HC080 British Livery Silver	HC081 British Livery Gold
HC082 British Livery Silver	HC083 British Livery Gold	HC084 British Livery Silver
HC085 British Livery Gold	HC086 British Livery Silver	HC087 British Livery Gold
HC088 British Livery Silver	HC089 British Livery Gold	HC090 British Livery Silver
HC091 British Livery Gold	HC092 British Livery Silver	HC093 British Livery Gold
HC094 British Livery Silver	HC095 British Livery Gold	HC096 British Livery Silver
HC097 British Livery Gold	HC098 British Livery Silver	HC099 British Livery Gold
HC100 British Livery Silver	HC101 British Livery Gold	HC102 British Livery Silver

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!

/humbrol
 @humbrol
 /humbrol

INBOX

Q&A
LETTERS
PROJECTS

KEEP IN TOUCH

BRM The Maltings, West Street, Bourne, Lincolnshire PE10 9PH

TELEPHONE 01778 392059

WEBSITE www.brm-magazine.co.uk

E-MAIL howards@warnersgroup.co.uk

JUNK TO GEMS

Junk to Gems, Trash to Treasure; a bit dramatic maybe but in its extremes that's what you tend to get at swap meets. It's not everyone's cup of tea but from what I have witnessed, many are well-supported and you can generally find something you can make use of as many dealers, and in fact private individuals selling off their collection, have all sorts of odds and sods from a missing carriage assembly screw to an APT-E from Revolution. Prices can vary from table to table but many will 'make a deal'. Much of my own collection has been sourced in this way from track to trains and pretty much everything in between. What I do

not understand is why more 'specialised' dealers don't seem to attend these shows as surely there is a place for 'tools, sounds and ballast' to name just a few. They only seem to attend exhibitions and at some in force. I am sure we are all looking out for something which is why we go in the first place and bargains are to be found; you just need a keen eye. These swap meets can be found pretty much all around the country and are generally held on weekends, but there are odd weekday events. Entry fees are generally around £2.00 and many let children in free with an adult.

Richard Burston



SAME NAME, DIFFERENT PROJECT

Dear Howard,
Reading the September 2018 issue of BRM, I homed in on Mike Hudson's 'Nempnett Thrubwell' in the Inbox section. We too had a layout with exactly the same name which was on the exhibition circuit 30 years ago, and even won a cup in 1984 - heady days. The route of our branch was from a junction on the Wrington Vale Light Railway near Blagdon, making a connection with the Somerset and Dorset near Chilcompton.... geographically very possible and plausible. Hence, we could accuse Mike of plagiarism, but that would be churlish, so instead, well done for continuing to promote this most wonderful and iconic Somerset village name.

To maintain a Mendip feel, we would have a gallon of genuine scrumpy cider directly off the farm stored under the layout at shows and would offer a nip to any punter who was interested - there were many. After one show in a Church Hall we spilled a bit and it removed the varnish from the wooden floor! We too promoted the Adge Cutler and the Wurzels connection by having a selection of their tapes playing as background music adding to the atmosphere - they don't make songs like that now.

Keep up the good work,

Ian Nuttall



Mike Hudson's 'Nempnett Thrubwell' depicts a station on a typical country junction, set on an imaginary line from Pensford on the Bristol to Frome line to Bridgwater on the Bristol to Taunton and the West country main line.

MAC'S MODEL



RAILROADING

4-8 REFORM STREET KIRRIEMUIR SCOTLAND DD8 4BS

TEL: 01575 572397

WWW.MACSMODELS.CO.UK WWW.ECSCENICS.CO.UK

SALES@ECSCENICS.CO.UK

OPEN MONDAY-SATURDAY 10:30 - 5:00

CLOSED THURSDAY

BRITISH, AMERICAN AND CONTINENTAL OUTLINE
STOCKED

COMPREHENSIVE WOODLANDS SCENIC SELECTION



Which silly bugger called us DCCconcepts?

The reality is, most of the products we make are able to be used effectively on DC layouts by DC modellers

In fact, almost every single product that is related to the powering, connection or operation of point-work, control panel creation and layout control will reduce the DC modellers need for wiring, soldering and time use by 50 to 90 percent... and it may even end up costing less!

A simple example: Powering Solenoids

When used on DC with an appropriate power supply, ONE of our ADS-8sx 8-way Accessory decoders will power up to SIXTEEN Peco, Hornby, Seep or other solenoids very reliably as each output already has its own CDU build in and can quite comfortably power TWO solenoids.



You will not need to add micro-switches to the points either, as we already provide "frog power" switching in addition to direct connection terminals for LEDs or signals.

Control Panel creation is also easier, as with AD-S8sx, DC modellers can still control the solenoids with their preferred momentary switches or even choose to use stud-and-probe etc, while LED control is taken care of via the AD-S8sx LED outputs with no need for another LED power supply!

There are **MANY** more ways for a DC modeller to save time, cost & complexity with the DCCconcepts product range.

The best way to learn more is to visit us here in Settle, but if you can't manage that, please visit us on-line and then call us if you have any questions.

We are here to help and advise you 7 days per week, and we always have knowledgeable model railway experts here, ready to help with any subject at all.

**DCCconcepts Ltd., Unit E, The Sidings
Settle, North Yorkshire BD24 9RP UK**

We welcome modellers & knowledgeable, specialised dealers who care about their customers from all around the world.

Ph: +44 (0)1729 821 080 (7 days)

sales@dccconcepts.com

www.dccconcepts.com



TEN COMMANDMENTS

Accessories for the discerning OO, O and N gauge modeller.



NEW CCTV & LAMPS RANGE - OO GAUGE

A new range of hand built and painted cameras and lamps (non-working) no assembly required. Simply make appropriate hole in baseboard and glue in place. Great for use around stations, industries, car parks etc. See website for further information and pictures

L235 CCTV camera on pole.....	£5.95
L241 CCTV cameras - 2 x wall mounted.....	£3.50
L242 Level crossing cameras.....	£6.50
L243 DMU disabled access ramp.....	£2.00
L244 Car park / yard lights x 2.....	£4.00

More items coming soon including mobile phone mast

ROLLING ROADS

Highest quality german engineering. Suitable for use with DC or DCC control. Simple electrical connection. Available for most popular gauges. See website for more information

N mini - 200mm - 6 rollers - suitable for most n locos.....	£55
N long - 400mm - 8 rollers - large locos / multiple units.....	£70
O0 small - 300mm - 6 rollers - small steam locos/diesels.....	£60
O0 std - 400mm - 7 rollers & pony truck - large locos.....	£75
O small - 400mm - 6 rollers - small steam locos/diesels.....	£70
O std - 600mm - 10 rollers - suitable for most O locos.....	£99
O large - 800mm - 10 rollers - for extra long O locos.....	£110

TRACK CLEANING WAGONS

Perfect for hidden sidings, tunnels etc. Cleans your track with no effort. Simply hook wagon up to a loco and run round. No cleaners / solvents required. Cloth pads clean track grime and dirt. Once pads are dirty simply peel old ones off, cut replacements from the sheet provided (self adhesive) and stick in place O0 Gauge £40; N Gauge £40

FOAM LINED STOCK STORAGE BOXES

We now supply foam lined stock storage boxes. Total protection for your rolling stock in transit. See website for further details. O0 gauge £28 N gauge £20 O gauge - £35



See Us at Warley (NEC), Manchester and Peterborough Shows

TEN COMMANDMENTS 20 STRUAN DRIVE, INVERKEITHING, FIFE, KY11 1AR
Telephone orders 01383-410032 Monday - Thursday 10am-7pm

Email: tencommandments@btinternet.com

Please add £3.50 Post and Packing per order.



Online at: www.tencommandmentsmodels.co.uk





Can you spot the **BRM** Team? Howard is the designated driver whilst Phil and Andy are trainspotting.



HOW TO... PAINT 3D FIGURES

SKILL LEVEL: INTERMEDIATE

Words & Photography: Phil Parker

Painting model figures can be fiddly. Phil Parker demonstrates tricks to make it easier with a project that modellers of all abilities can achieve.

Modellers have been sticking figures on layouts since model railways were first invented. Once upon a time they were cast from lead, then we saw whitmetal (itself a lead alloy) appear, followed by plastic. All of these are still with us, but in the last couple of years the latest innovation is figures 'printed' in resin from 3D scans of real people.

Offering perfect proportions and realistic poses, modellers have taken to these, especially as they allow you to appear in any scale on your own layout. Who doesn't enjoy pointing out that they are the person sticking their head out of the cab of that crack express?

Even though model figures are less

detailed than real people, if you know the subject, it's easy to identify them in miniature. This is no different from spotting someone in a crowd in real life; it's the general shape you spot, not the finer details. In fact, if the model isn't correctly proportioned, it doesn't matter how much detail there is, it won't look right.

The only problem is that the models need paint and most modellers are scared this will be time-consuming or fiddly. You will need to look closely, and working under a bright light will help a lot, but paint the model in the right order and the need for perfect brush control isn't so strong. Then a trick used by military modellers will cover a multitude of sins. ■

- 1 It's a good idea to fix the figures to something rather than trying to handle them while you paint. Both trainspotter figures are fixed to a lolly stick with a tiny bit of superglue. Not only does this make them easier to work with, it keeps them upright on the modelling bench. Once you are finished, the superglue joint can easily be broken.



2



Flesh colours vary from person to person. Nearer the camera, I'm using Lifecolor acrylic paints, a base colour dry-brushed with light 1°, giving a slightly pasty result. The other figure is painted with Humbrol enamel and then dry-brushed with Revell acrylic flesh colour.

3



Work inside out with the clothes – meaning start with the jumper or shirt in the middle of the figure and then move on to the jackets. This way you don't need to be that accurate with the work; in the case of the shirt, as long as the neckline looks OK, it will be fine. The overpainting will be covered as you move to the outer garments.

4



The little people stand on tiny cones when printed and these can be a little fragile; handy when you want to remove the figure but less so for clumsy modellers like me. Don't worry, this isn't the end of the world, just sand the bottom of the figure's feet so he stands up without needing to be propped against anything, and superglue him to the lolly stick. You can see that I've added in the paint colours now as well as the rucksack straps, but it all looks a bit flat.

7



Using a long brush, pick up a bit of ink and work it over the model. The effect we are aiming for is for it to be sitting in the crevices, so let the liquid sit there, but brush it away from flesh-coloured areas unless you want especially grubby people. An added bonus of this step is that the colour sits along the edges of the clothes, covering any less-than-perfect brush work. A finishing touch is to matt varnish the models as people are generally not shiny.

5



Using a piece of plastic as a palette, take each base colour and mix either some pale grey or yellow in to lighten it a bit. Dry-brush over all the raised areas to highlight them. In real life, sunlight does this, but on a model we have to give it a bit of help.

6



Just as highlights need to be enhanced, creases also need to be darkened artificially. The masters of this are war game modellers who use shading inks for the job. I prefer dark brown to black, which can look a bit stark.

BRUSHES:

You might imagine that you'll need super-expensive pointed brushes to paint figures, but I find a wider selection more useful. All of mine come from the Humbrol range.



Left to right:

Palpo No. 1: For general painting including skin and clothes.

Detail No. 1: Used for rucksack straps and hair. Both this and the Palpo benefit from the points being restored by pinching between damp fingers before and after use.

Palpo No. 2: A really old and battered brush used for dry-brushing the clothing. You could use something slightly larger, just don't use your best one as it's no good for the bristles.

Evoco No. 2: For applying ink. Again, don't use a good one as the stuff doesn't wash out of the bristles very well.

EXPERT TIP



Do I need to prime the models before painting?

Priming the figures is a good idea for a couple of reasons. Firstly, the material the models are made from is very smooth and paint really likes something microscopically-rough to grab hold of. Secondly, it's a lot easier to see the detail once it is uniformly grey. If you look at the whitmetal figure above, see how much clearer the clothes are to see once it's primed. A light coat from any spray primer will do the job.



-THE GCR- MODEL EVENT

MODEL RAILWAY & ENGINEERING EXHIBITION

In conjunction with The Soar Valley Model Railway Club

Fri 14th to Sun 16th June 2019

Across all 4 stations along the GCR

All gauges/scales

Traders

Layouts

Engineering

Travel on the real thing between stations
Get up close to life sized exhibits

Earlybird Ticket prices
held at £18 until
April 30th
(24th December 2018)

Advance Tickets:

£18 for online booking from Dec 25th to Apr 30th

£20 for online booking from May 1st

OPEN

10AM-5PM Friday & Saturday

10AM-4PM Sunday

Book Online at www.gcrailway.co.uk



Great Central Railway Plc,
LE11 1RW
T: +44(0)1509 632323
www.gcrailway.co.uk
email: marketing@gcrailway.co.uk



HOW TO... ADD ETCHED DEPOT PLAQUES

Words & Photography: Simon Bendall

It's often said that the finer details bring a model railway to life. With this in mind, Simon Bendall offers a mess-free solution for adding depot plaques to locomotives of the Railfreight-era.



Hornby has produced its OO gauge Class 31 in a handful of Railfreight triple grey versions, the first being the Coal sub-sector as used on nuclear flask trains. Pictured here largely as supplied, the model has been back-dated to its initial 1988 appearance by painting the bodyside door and dividing bar between the two sections of the radiator grille in black. A light weathering suitable for the period has been applied. Etched BR arrows and Crewe Diesel 'Cheshire cat' depot plaques complete the look.

Amongst the many pleasing aspects of the Roundel-designed Railfreight sub-sector livery were the various symbols introduced to show a locomotive's home depot. These built on the assortment of vinyl or painted emblems unveiled earlier in the 1980s, adopting the designs and refining them into a consistent style. Cast in aluminium, the plaques added a final touch to Railfreight and, later, Civil Engineers' motive power.

In OO gauge, depot plaques have been available as transfers in the past, hence the need for etched items from manufacturers like Fox, Guilplates or Shawplan. You can't beat an etched plaque for realism because they give the necessary raised profile and metallic appearance. Like the accompanying silver BR arrows and nameplates that often featured on these liveries, the etches are simple to prepare and fit to models. You too can add them easily with little mess on your favourite locomotives, here's how... ■



One of the principal suppliers of depot plaques in OO gauge is Shawplan, the etches having all been redrawn in recent years to improve the detail. Now under the Extreme Etchings brand, available sets encompass both common and rare designs, including the Hither Green oast houses, Thornaby kingfisher, Crewe Diesel cat, St. Blazey lizard and Buxton millstone.



The depot plaques are supplied pre-painted and are inexpensive, this set for the Eastfield terrier logo costing £3.25. The first task once unpacked is to release the etches from their fret with a sharp knife.



The fixing tabs need to be filed off using a flat needle file before the plaque is offered up to the model to check its fit. In the case of this Heljan Class 26, the printed logo isn't great - the black extends slightly beyond the silver edge. In most cases, the etch should cover the printed version precisely.



Etched arrows and nameplates can be applied in exactly the same way to complement the depot plaques. The BR logos are particularly worthwhile, as printed versions often struggle to show against the grey bodywork.



With the etches secured in place on this Bachmann Class 37, the improvement is immediately noticeable, particularly with regard to the cabside BR arrows.



In addition to the comprehensive OO gauge range, Shawplan also offers numerous depot plaques in N gauge, with a good selection in O gauge. Those pictured here in 2mm are the little used Mayflower for Plymouth Laira and the Eastfield terrier. In O gauge, the Crewe cat is joined by Cardiff Canton's ram.



Once happy, the plaque can be glued in place, ensuring it is straight. The bar found at the bottom of most of the designs is a useful reference for this. With one side done, leave the glue to set before tackling the other.



Once cleaned, the etches should be test-fitted. If the printed versions are overscale, it may be necessary to scrape away the edges with a sharp scalpel blade, or remove completely with T-cut, then apply a coat of varnish to cover the resultant shiny area.



Not all Railfreight locomotives received depot plaques, which is sometimes reflected by the models. This can make adding the etches more tricky as there is no printed version to act as a guide. In cases like this, it is necessary to refer to photographs and reference points such as window frames and door detail. A Stratford sparrow plaque is manoeuvred into position on what will become 47328.



One of the best methods for gluing etches in place is Glue 'n' Glaze from Deluxe Materials. With a blob of glue squeezed onto a scrap piece of styrene, a cocktail stick should be used to smear a small amount onto the rear of the etches. Tweezers are then used to position the etches and press them in place. The advantage of this glue is that if excess squeezes out from beneath the etch, it dries white and can be pulled away using tweezers. Superglue isn't recommended for jobs like this because it poses a risk to the surrounding paintwork. Double-sided tape doesn't offer a secure means of fixing.

Many Railfreight triple grey locomotives carried cast plaques to denote their home depot. Turn over to read more.

DIAMONDS ARE FOREVER

In the late-1980s, BR introduced a system to instil pride and ownership of locomotives by depot staff. Pip Dunn explains the history of depot plaques and their association with the re-birth of Railfreight.

Photography: Roundel Design & SEA Design

In October 1981, Eastfield Depot in Glasgow named four of its recently-acquired Class 37s after lochs, and at the ceremony they appeared sporting small West Highland terrier dog emblems underneath their nameplates. Soon after, the depot started to apply these stickers to all of its locomotives – Classes 08, 20, 27, 37s and 47s. Other Scottish depots soon followed suit – Haymarket in Edinburgh chose a castle, Inverness opted for a stag while Motherwell decided on a leaping salmon.

Some English depots adopted the idea of ‘trademarking’ their locomotives with identity emblems, with Thornaby’s kingfisher and Stratford’s sparrow emblems the most memorable. Others, like the Eastleigh cat, Wigan pie and Toton rabbit didn’t really catch on!

Cast depot plaques

In 1985, British Rail’s operations were split into sectors – InterCity, Network SouthEast, Provincial, Railfreight and Departmental. This led to each sector devising its own bespoke liveries. Then, in 1987, Railfreight rebranded itself as Trainload Freight (TLF) and split its operation into several traffic-based sectors. These were Trainload Metals, Coal, Petroleum, Construction and Railfreight Distribution.

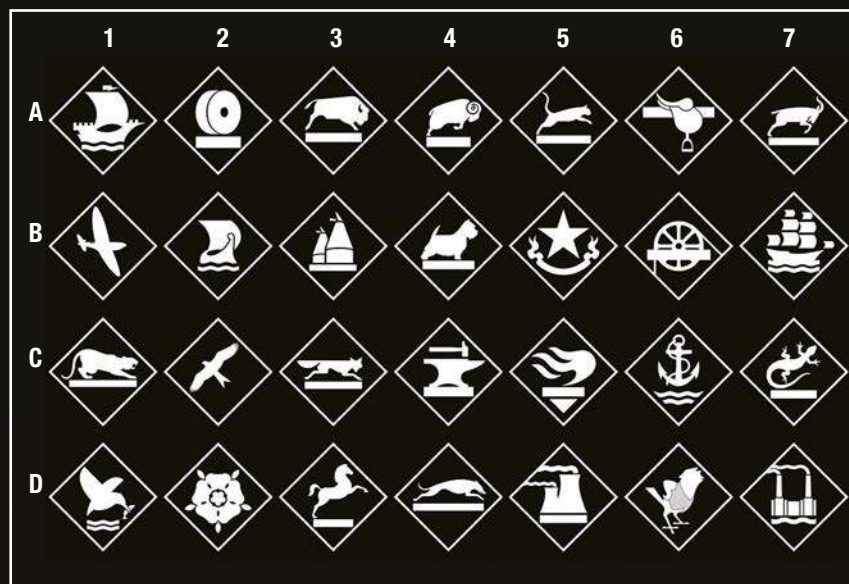
In September 1987, TLF unveiled a new livery designed by Roundel – two tone grey with relevant sector symbols to denote the ‘owning’ sector. Part of this livery was the fitting of diamond cast metal plaques on the cabsides depicting the depot’s new adopted emblem. Some were pretty much an updated version of the old ‘unofficial’

symbols – for example, Eastfield stuck with a West Highland terrier and Thornaby with a kingfisher. The TLF logic was, should a locomotive change its home depot then it would change its depot plaque, but this usually didn’t happen. Locomotives would often lose their original plaques and be left with a scar and four holes where the attaching bolts had been!

Early adopters

The first locomotive in the new Trainload two-tone grey livery – albeit with Railfreight General decals – and with a depot plaque was, unexpectedly, the experimental freight Class 50/1, 50149 *Defiance*. It broke cover in September 1987 sporting a Laira Galleon plaque and would be the only locomotive to carry this in BR days.





50149 appeared in public before the official launch of the new Trainload liveries in October 1987. An event took place at Ripple Lane depot in East London and featured 37892 *Ripple Lane* in Trainload Petroleum livery with a Ripple Lane torch plaque, 47079 in Trainload Metals livery with a Crewe DMD cat plaque, 56001 in Trainload Construction livery with a Cardiff Canton goat plaque and 58050 *Toton Traction Depot* in Trainload Coal colours with a Toton cooling tower plaque.

Over the next few years many locomotives were repainted in the Trainload liveries, many receiving diamond plaques, though not all.

When the infrastructure/ex-Departmental sectors were introduced, the Departmental BR General grey livery didn't feature depot

plaques (though a handful of locomotives later received them), but when the 'Dutch' grey/yellow livery appeared in 1990, the depot plaques featured in the livery spec, though once again they weren't always fitted.

When the shadow freight companies were created in 1994, Transrail kept the same two-tone liveries, with sector symbols replaced by 'Big T' logos. It tended to keep the depot plaques, alongside Mainline Freight. Loadhaul, however, didn't.

A handful of Class 08/09 shunters had depot plaques. Mounted on the cabsides, which were about half the size of those on main line locomotives because of smaller bodyside areas. Examples include 08388

A1: Barry,
Galleon
A2: Buxton (BX),
Millstone
A3: Engineering
Development Unit (EDU),
Bison
A4: As above (variant)
A5: Crewe Diesel (CD),
Cat
A6: Bescot (BS),
Saddle
A7: Cardiff (CF),
Goat
B1: Eastleigh (EH),
Spitfire
B2: Grangemouth (GM),
Viking Long Boat
B3: Hither Green (HG),
Oast Houses
B4: Eastfield (ED),
West Highland
Terrier
B5: Immingham (IM),
Star and Scroll
B6: Knottingley (KY),
Pit winding wheel
B7: Laira (LA),
Galleon

C1: Leicester (LE),
Tiger
C2: Margam (MG),
Kite
C3: Carlisle Currock,
Fox
C4: Motherwell (ML),
Hammer and anvil
C5: Ripple Lane (RL),
Torch
C6: Unallocated
C7: St Blazey (BZ),
Lizard
D1: Thornaby (TE),
Kingfisher
D2: Tinsley (TI),
White rose
D3: Westbury (WY),
White horse
D4: Willesden (WN),
Greyhound
D5: Toton (TO),
Cooling towers
D6: Stratford (SF)
D7: Stewarts Lane (SL)



Thornaby Traction Maintenance Depot opened in 1958, closing in 2009. Its code became TE and its depot plaque was a kingfisher.



with an Immingham star, 08845 with an Eastleigh Spitfire, 08509 with a Tinsley rose and 09008 with a Canton goat.

Oddities

There were a few oddball applications of plaques. Three Class 37/4s, 37417/420/430, had them applied despite carrying InterCity Mainline livery – albeit the fact they were part of freight sectors at the time.

Equally unusual was 37672 *Freight Transport Association* having a St. Blazey lizard logo while still retaining the then obsolete Red Stripe Railfreight livery – the previous freight livery before the Trainload liveries were introduced! 47214 *Tinsley Traction Depot* also had Tinsley white rose plaques under its nameplates while in this livery.

The locomotives painted in retro BR green; 26007, 37403 and 45106 also had

depot plaques. In the case of the Class 26, it was on the bodyside, and painted light blue. Classmate, 26001 in BR green, also had a smaller plaque fitted above its Eastfield nameplates. 37403 had full-size plaques on its bodysides above its *Ben Cruachan* nameplates while in green. The 45 – the only one to carry a diamond plaque – had them painted red and on the cabside.

Smaller-sized Eastleigh Spitfire plaques were carried by 33114 on its cabsides when in Network SouthEast livery. In the early 2000s, Three Virgin Class 47s named after depots – 47805/812/839 had Toton, Eastleigh and Saltley small plaques above their nameplates. When in Parcels red livery, 47489 had a Crewe cat plaque above its nameplates, but they were rectangular.

More recently, Colas has fitted Canton goat plaques to 37254 after it was named *Cardiff Canton*. Spot-hire locomotive

provider, Michael Owen, also fitted Eastfield plaques to 20189 and 20205 – the former close to the cab, the latter on the doors on its nose end. Some depots had plaque emblems, but no locomotives to put the plaques on, while a few wagons appeared with the symbols, but as adhesive transfers rather than costly cast plaques.

There have been some preserved locomotives carrying plaques when painted in fictitious liveries such as Hymek D7017 in 'Dutch' livery as 35017 with a Williton apple shed plaque – the significance being Somerset in the heart of cider-making country. 85101 also carried a Barrow Hill 'roundhouse' plaque when painted in grey for a period. Over the years, examples of Class 08, 09, 26, 31, 33, 37, 45, 47, 50, 56, 58, 60, 73, 86 and 87 have carried depot plaques with BR. ■



Do you enjoy the Trainload freight period of British Rail? Take a look at Traction magazine, our sister title, for regular prototype features on diesel and electric locomotives
www.traction-magazine.co.uk



A freshly-painted Class 90 in Railfreight distribution livery makes a spectacular sight as it pauses for publicity during a photographic shoot. The lighting was carefully coordinated on these publicity shoots because the trains used were in service and couldn't delay operations on the lines.

British Rail's Trainload Freight brand image was celebrated in an exhibition curated by Bryan Edmondson, Creative Director and Founder of London-based studio, Sea Design in February, 2018. The exhibition focused on the geometric identity created by consultancy Roundel, which was used on British Rail's freight trains in the 1980s and 1990s. The coded, geometric symbols were based on fighter plane markings, and resulted in creating a moving brand that was ahead of its time. Bryan Edmondson's first job in design was at Roundel, joining in 1992 shortly after the Railfreight identity had started rolling out.



Roundel's re-design for Railfreight extended beyond livery schemes for locomotives. Business cards, letters depot signage, badges and brochures were amongst many of the items to receive a refreshing and redesign.



HARTLEY POOLE

Richard Hart describes the journey from inception to exhibition on the latest layout to emerge from the prolific Alsager Railway Association.

Words: Richard Hart **Photography:** Andy York



Factfile

Layout name: Hartley Poole
Scale/gauge: 2mm:1ft / N Gauge
Size: 21ft 8in x 4 ft, including fiddle/storage yards
Era/region: GWR Somerset
Location: Shropshire
Layout type: Continuous loop
Power: NCE PowerCab DCC and 12V DC



Dapol Manor Class No. 7805 *Broome Manor* crosses the Lower Poole road bridge, with a train of steel bound for Devonport dockyard.

Making a start

It all started in the months preceding my decision to take early retirement. My pre-retirement course had drummed into me the necessity to take up a hobby, although, as my wife Jane put it, they didn't anticipate it becoming an obsession. I settled upon model railways.

Jane and I were living in a small cottage in North Wales at the time which dictated it should be either N or 009 gauge for space reasons. I didn't appreciate Z or T gauge at the time. Our son Iain took the decision with my next Christmas present - a Graham Farish GWR 2-6-2 'Prairie'. Subsequently, all birthday and Christmas presents from the family, including daughter Louise and fiancé Ashley, have been N Gauge GWR-related.

Raison d'être

Why GWR? I was born in my grandparents' line-side cottage in Poole in Somerset. My grandfather, Charlie Davey, was the signalman overseeing Poole Siding on the Bristol to Exeter line from 1920. The siding served the William Thomas brick and tile works, where from 1946 my father Edmund was the works engineer/fitter. Therefore, I chose the few years between the end of

the Second World War and nationalisation, and Poole Siding took shape on a 5ft x 2ft Sundeala board, primarily as a shunting layout.

Club Membership

On retirement we moved to Cheshire to a house that has a 30ft attic, and I joined the Alsager club. It was at this point that I was introduced to Messrs Parkinson and Robinson. Parkinson's Law dictates that a model railway shall expand to fill the space available, and it was during the ensuing expansion that my planning partner became Heath Robinson.

With encouragement from club colleagues, I worked away in my attic expanding 'Poole Siding' piecemeal, adopting lessons learned by operating these inspirational layouts at exhibitions and working on the new club layout 'Fredstone Lane'. Firstly, I added return loops at both ends for continuous running, then I added a seven-track storage and fiddle yard behind the layout, so the original 62in x 26in became 96in x 34in.



Big Reveal

Initially I was invited to display my 'Poole Siding' layout as a semi-static work-in-progress exhibit at the St. John's charity show at Stoke-on-Trent, organised by John Cox. I set up the board on two trestles and shunted a few GWR 0-6-0 'Panniers' with my specially commissioned Robbie's Rolling Stock William Thomas wagons, with a static 'Castle'-hailed Cornish Riviera on the mainline. The brickworks was made of kit-bashed Metcalfe factories, a bus depot, brewery, and workers' terraced houses, whilst the kilns were scratch-built with the tall chimneys made of kitchen roll centre tubes, tapered and covered with brickpaper. The cottage in which I was born was represented by a Barleycorn model which is very similar to the real thing. Even the date on the front was within five years of the original.

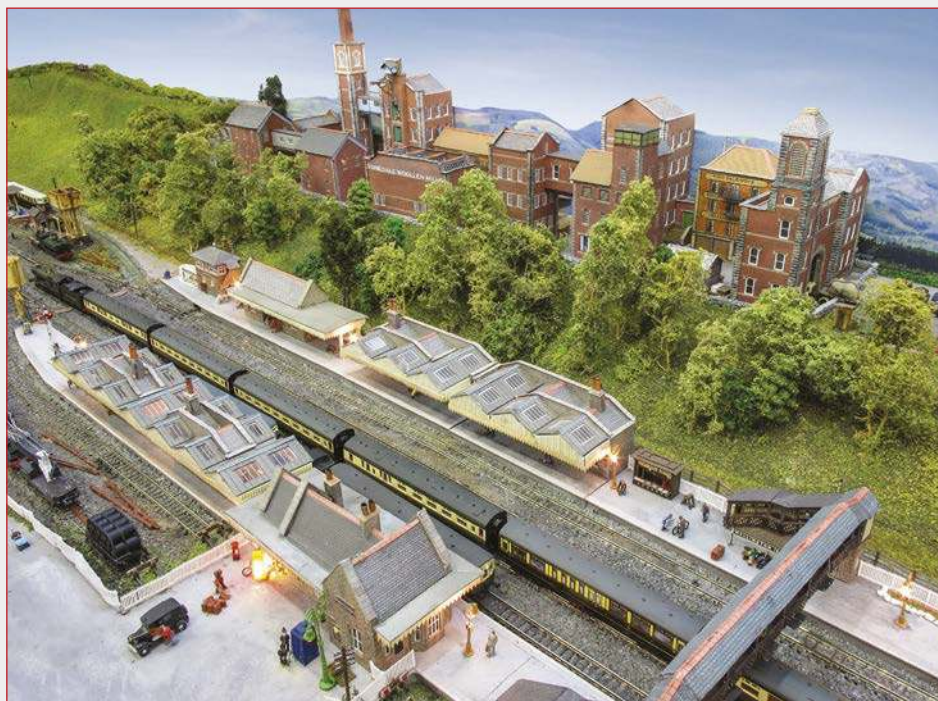
Learning Curve

I learned a lot from the weekend at St. John's, with lots of encouragement from visitors, including Andy York, to expand Poole Siding into a fully-operational exhibition

Alsager Railway Association has a team of prolific layout builders; whose efforts are no strangers to the pages and cameras of **BRM**. 'Hassell Harbour Bridge' (February 2013 DVD) and 'Newcastle by the Water' (September 2016 **BRM** TV) have featured amongst 'Just Four', 'Buxton', 'Hartshill Bank', 'Dunkow Road', 'Caverswall Junction' (April 2017) and 'Bluebell Cutting'.

A load of bricks heads toward Poole Siding pulled by GWR 'Pannier' No. 6407. The wagons are specially commissioned in William Thomas livery from Robbie's Rolling Stock. This Hoffman kiln was defunct by World War II. It contains a Seuthe smoke unit.





A CLOSER LOOK: BUILDINGS

Wellington Station was built mainly out of Metcalfe kits as was the Tone Dale woollen mill behind it, supplemented with Ratio kits and Dapol signals. A Metcalfe engine shed has been kit-bashed to represent the goods shed, which is still at the site of the former Wellington station today. The Metcalfe footbridge had to be extended to span four tracks and re-shaped to the GWR style, with additional latticework supplied by the ever-helpful Richard Dallimore of County Rolling Stock.

layout. Secondly, if I was serious about shunting in public, the Peco Insulfrog points had to be replaced with Peco motorised medium-radius Electrofrogs. The trestles too ought to be replaced with something firmer, but equally transportable.

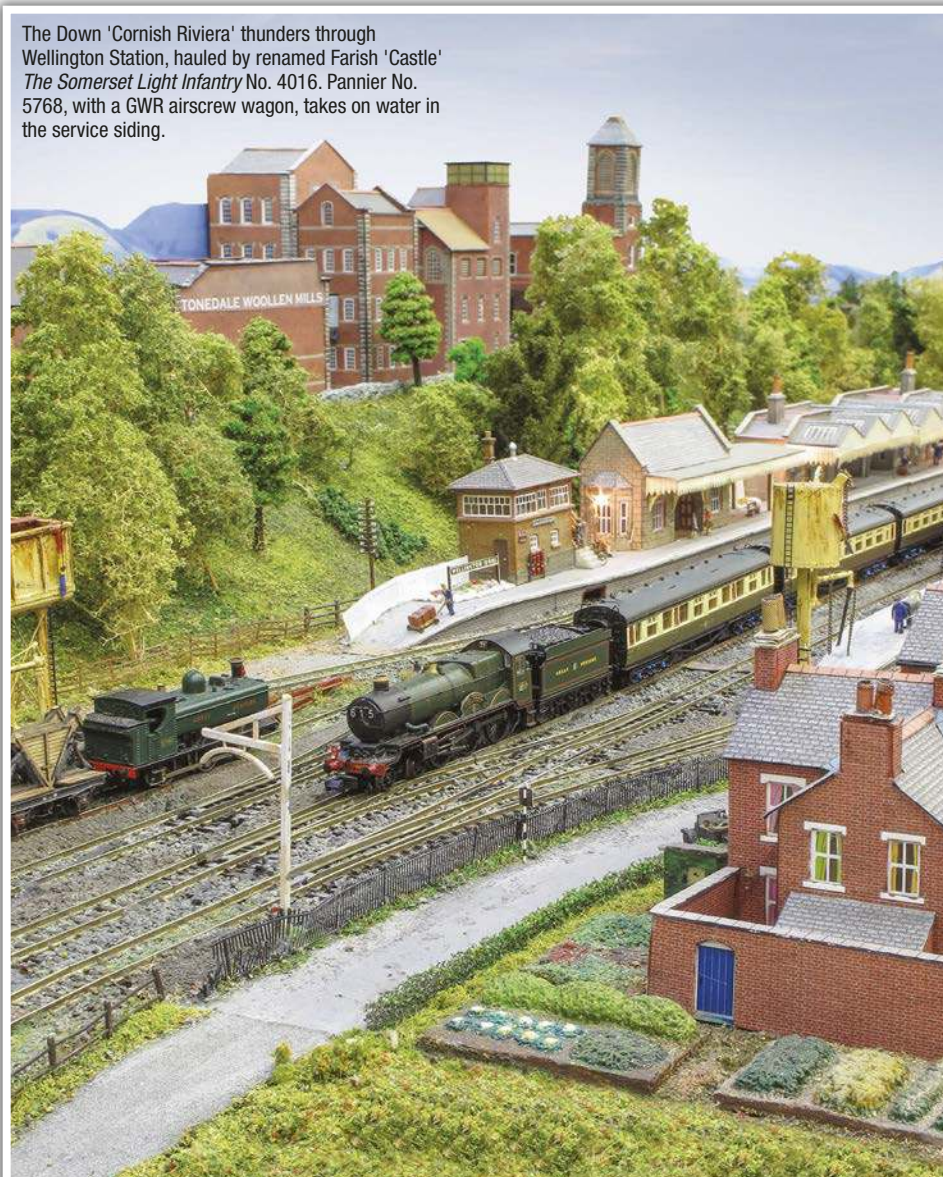
I inserted four other boards to depict the landscape to the west of Poole, featuring the Grand Western Canal with the Nynhead boat lift, and Wellington station through to White Ball tunnel. Each new board was accompanied by a parallel storage/fiddle yard at the back. To complete the scene, I added a lower section below the brickyard to depict the clay pit from whence the raw clay would be delivered by my smallest locomotive - a Dapol 0-6-0 'Terrier' Portishead, hauling three 009 wagons laden with clay.

Show Deadline

With the next St. John's show looming, the pace of production quickened with ballasting, scatter/flocking, Model Scenes' sea foam trees, Modroc-shaped embankments, farm and wild animals, vehicles (including three LED-lit bicycles from Morris Models - a present from Jane and Louise) and rear scenery. It was just prior to the show, however, that BRM featured Phil Parker's build of smoking chimneys (Spring 2017).

Consequently, I bought a Seuthe smoke unit from Layouts4U and fitted it into one of my kitchen roll inners. However, Phil used a plastic Vollmer chimney, which he reported as being HO and thus under sized for OO. I

The Down 'Cornish Riviera' thunders through Wellington Station, hauled by renamed Farish 'Castle' *The Somerset Light Infantry* No. 4016. Pannier No. 5768, with a GWR airscrew wagon, takes on water in the service siding.



I attended an excellent hard-wiring workshop at DCC Supplies and have undertaken a fair bit of chipping using their superb DiGi-hats. I have recently hard-wired Lenz Silver Mini chips into my five Union Mills locomotives: a Dean Goods and two each of Dukedogs and Collett Goods. I am pleased that Union Mills introduced GWR locomotives because they are reliable and great haulers. About two thirds of my locomotives are DCC-chipped.



Farish 'Castle' No. 5078 *Beaufort* leads the returning 'Torbay Express' out of Wellington as an approaching coal train hauled by Dapol No. 3819 crosses the viaduct.

bought three from Gaugemaster and found them the correct scale height in N Gauge for Poole, although a little oversized in girth. Nevertheless, I bought more smoke units from my go-to model shop, The Hobby Goblin, and replaced the kiln chimneys with smoke units in time for the show.

New Name

All this preparation paled into insignificance in contrast to the arduous task of finding a new name for the layout. Poole Siding was no longer appropriate because the brickworks now only accounted for five of the 21ft length. A protracted committee meeting on the Saturday evening of a Doncaster Show, suitably lubricated, eventually came up with Hartley Poole as a pun on my name but retaining the place of my birth.

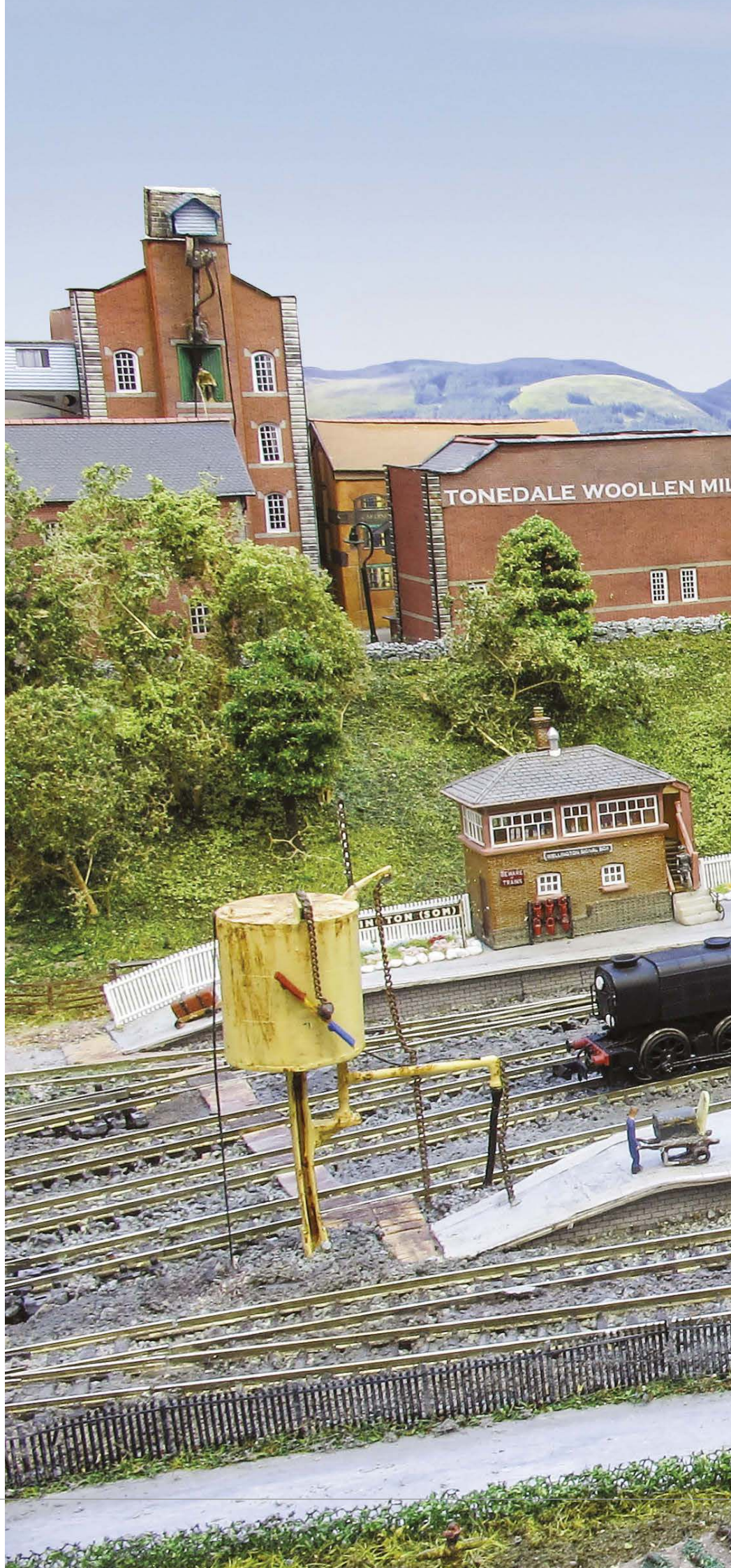
Further modifications

Following St. Johns, I had only a couple of months before the Loughborough Show and implementing the lessons learned became a challenge. I wired up most point switch blades to improve running using Clive Heathcote's points indicator relays, supplemented by relays designed by Adrian Finney (Chairman of the Wrenbury Model Club). I subsequently fitted six Gaugemaster GM500 universal relay switches to the remaining points. These ensure the correct polarity on the blades. In too came a Heathcote stopping unit with infrared detectors, which I fitted to the Poole clay pit track for Portishead to pause to refill its wagons.

Motive Power

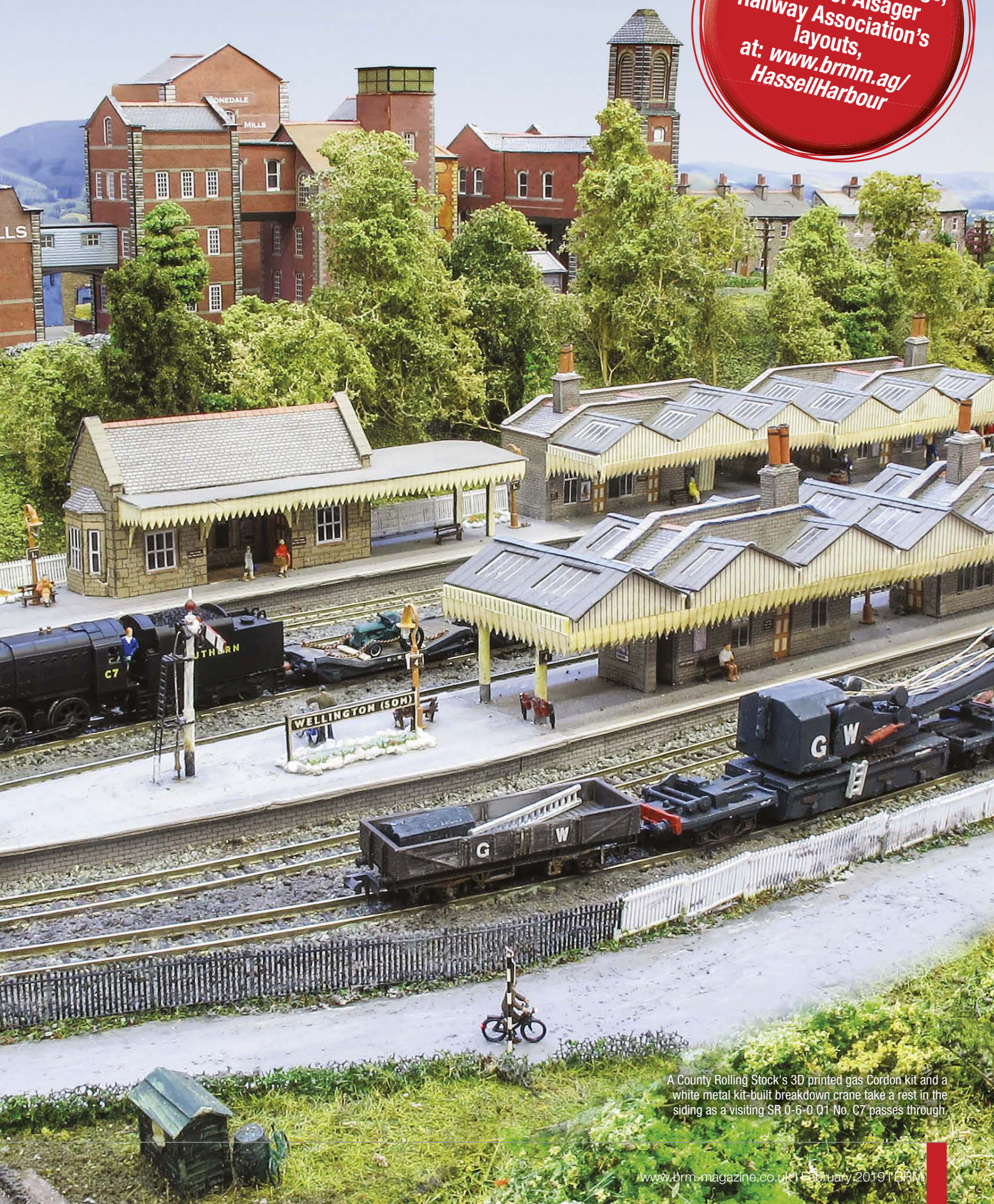
I have built up my GWR rolling stock over the years from presents, eBay purchases, traders at shows and the Hobby Goblin. My earliest locomotives were all Graham Farish with 'Prairies', 'Panniers', 'Halls', 'Castles' and railcars, but I subsequently bought Dapol 'Halls', a 'Manor', 'Grange', 'Terrier', small 'Prairie' and 'Pannier' locomotives. I returned to Farish recently, buying three *Earl of Dunraven* 'Castles', and renaming/renumbering one *The Somerset Light Infantry*. In fact, I bought these in part exchange for some Minitrix locomotives through Tennents Trains, because I wanted to build up my DCC-chipped fleet and didn't fancy hard-wiring the Minitrix.

I have some non-GWR interlopers: a kit-built LMS Beyer-Garratt which has got lost having taken coal to the Cornish china clay pits, Iain's LMS 'Compound' undergoing



N gauge

Watch
Hassell Harbour Bridge,
another of Alsager
Railway Association's
layouts,
at: [www.brmm.ag/
HassellHarbour](http://www.brmm.ag/HassellHarbour)



A County Rolling Stock's 3D printed gas Cordon kit and a white metal kit-built breakdown crane take a rest in the siding as a visiting SR 0-6-0 Q1 No. C7 passes through.



an exchange trial, a Southern Railways' 'Merchant Navy' 'Spam Can' *Belgian Marine* and a Q1, both diverted due to flooding in Honiton, and a Dapol LNER A4 Pacific *Sir Nigel Gresley*. The A4 hauls a train of Graham Farish teaks and an N Gauge Society Thompson brake to Plymouth with a football special (Newcastle United beat Plymouth Argyle twice in the 1946/47 season, latterly on 12 April 1947, one month after *Sir Nigel Gresley* was re-painted garter blue after its wartime black).

A fusion of control

Both the Down and Up lines can operate under DCC or DC, and are dual-wired. The default running is DCC on the Down line and DC on the Up. The switch to change the default is protected to avoid an accident. All non-DCC locomotives are marked with a yellow dot underneath and must only be run on the Up line. Colin Heard of Union Mills gives the life expectancy of one of his un-chipped locomotives on DCC as two seconds.

For DCC control I use an NCE PowerCab. I have plug-in terminals in each of the two control panels and, in addition to the master hand controller, I have two supplementary throttles. Therefore, I can have three DCC operators simultaneously, each storing up to six different locomotives.

My DC analogue controller is a Gaugemaster GMC100, but I also have a GMC Combi from which I power the station lights 12VDC and the points CDU 16VAC. If ever the GMC100 were to fail I could run the trains from the Combi's 12v output.

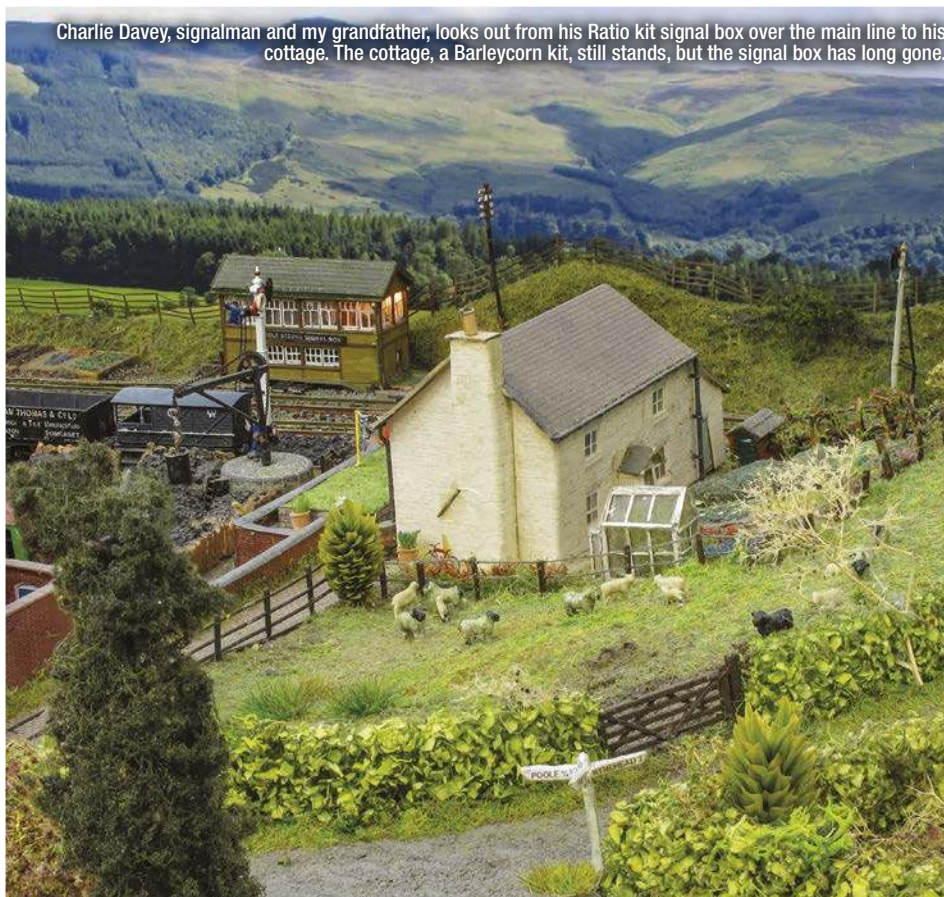
Rolling Stock

I like to offer viewers a variety of local stopping trains and through trains, both passenger (Cornish Riviera and Torbay expresses) and freight. Whilst I have a full share of proprietary carriages and wagons, I also try to add something less frequently

A horse-drawn barge loaded with limestone prepares to ascend the Nynhead Boat Lift on the Grand Western Canal. This raised the canal to cross the Court Drive on an aqueduct, but was already in ruins by the 1900s.



Charlie Davey, signalman and my grandfather, looks out from his Ratio kit signal box over the main line to his cottage. The cottage, a Barleycorn kit, still stands, but the signal box has long gone.



Parish 'Castle' No. 5078 *Beaufort* leads the returning 'Torbay Express' on its way to Paddington.

N gauge



ARCHIVE ACCESS

Apart from an imperfect memory of the Poole area whilst growing up, I used some excellent sources to provide inspiration. I've some documentation from the William Thomas social club which includes an etching of the brickworks as if seen from the air in 1872. The main line is broad gauge, but all the principal features are there: my grandparents' cottage, the terraced houses, the kilns with chimneys, sidings and the road.

The Britain from Above website has three aerial photographs of Poole taken in 1932, which show the whole of Poole from Trevor House to the signal box, including the clay pit.

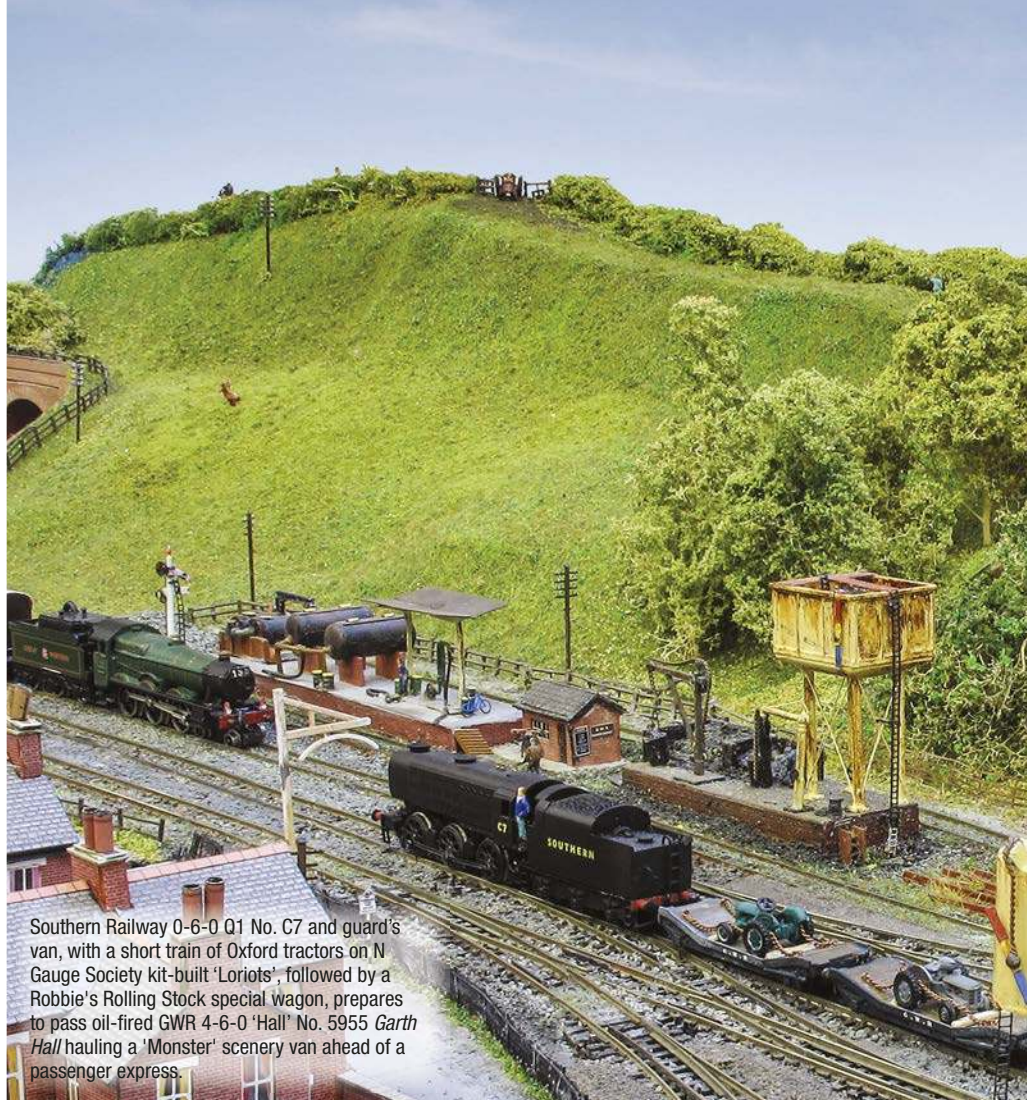
The Nynhead parish council website has an informative section on the canal and boat lift with history and illustrations by Tony Haskill, Michael Blackmore and Denis Dodd. These were the basis of my scratch-built model of the boat lift and I'm grateful to the authors for their approval to use their illustrations.

A 1930s OS map from the National Library of Scotland shows the widespread presence of allotments. I was able to acquire several moulded unpainted allotments from Double O Scenics. My grandfather used to say the drivers of the Cornish Riviera would slow down past his signal box so the passengers could admire the onions in his line-side allotment. Two surprises from these maps are the presence of mail collection apparatus in both directions at Poole, and a gospel hall in the brickworks; I shall be modelling both eventually.

seen such as wagon loads of coiled wires made up from clothes pegs springs, or scrap metal collected from the white metal shavings from the inside of Union Mills tenders as I carve room for a DCC chip. I've also tried my hand at some kit building with N Gauge Society 'Macaws', 'Loriots' and 'Borails', ventilated siphon, propeller/air screw wagon and breakdown crane. In addition to my ten William Thomas wagons from the excellent Robbie's Rolling Stock, I also have several of his containers, plus a bespoke one designed by his indefatigable wife, Katie Burns MBE.

Credits

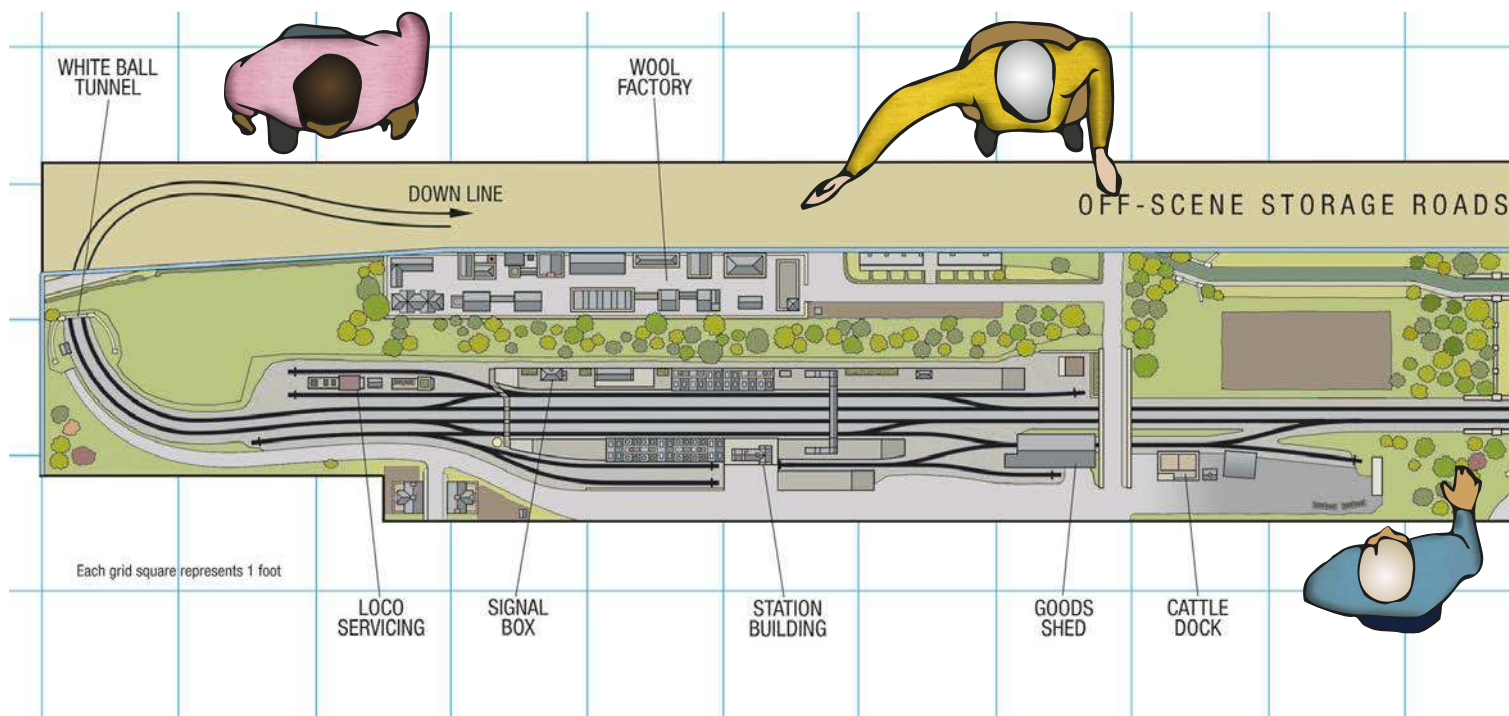
I've learned a lot from the members of the Alsager club, both by working in the club house and operating their layouts at shows. I'm also grateful for their support in operating Hartley Poole at exhibitions. I recommend anyone about to embark on building a layout to join a club. The Alsager club meets on Friday evenings which suits Jane fine, as she can enjoy Monty Don's company and a glass of Prosecco in peace and quiet. ■



Southern Railway 0-6-0 Q1 No. C7 and guard's van, with a short train of Oxford tractors on N Gauge Society kit-built 'Loriots', followed by a Robbie's Rolling Stock special wagon, prepares to pass oil-fired GWR 4-6-0 'Hall' No. 5955 Garth Hall hauling a 'Monster' scenery van ahead of a passenger express.

Trackplan

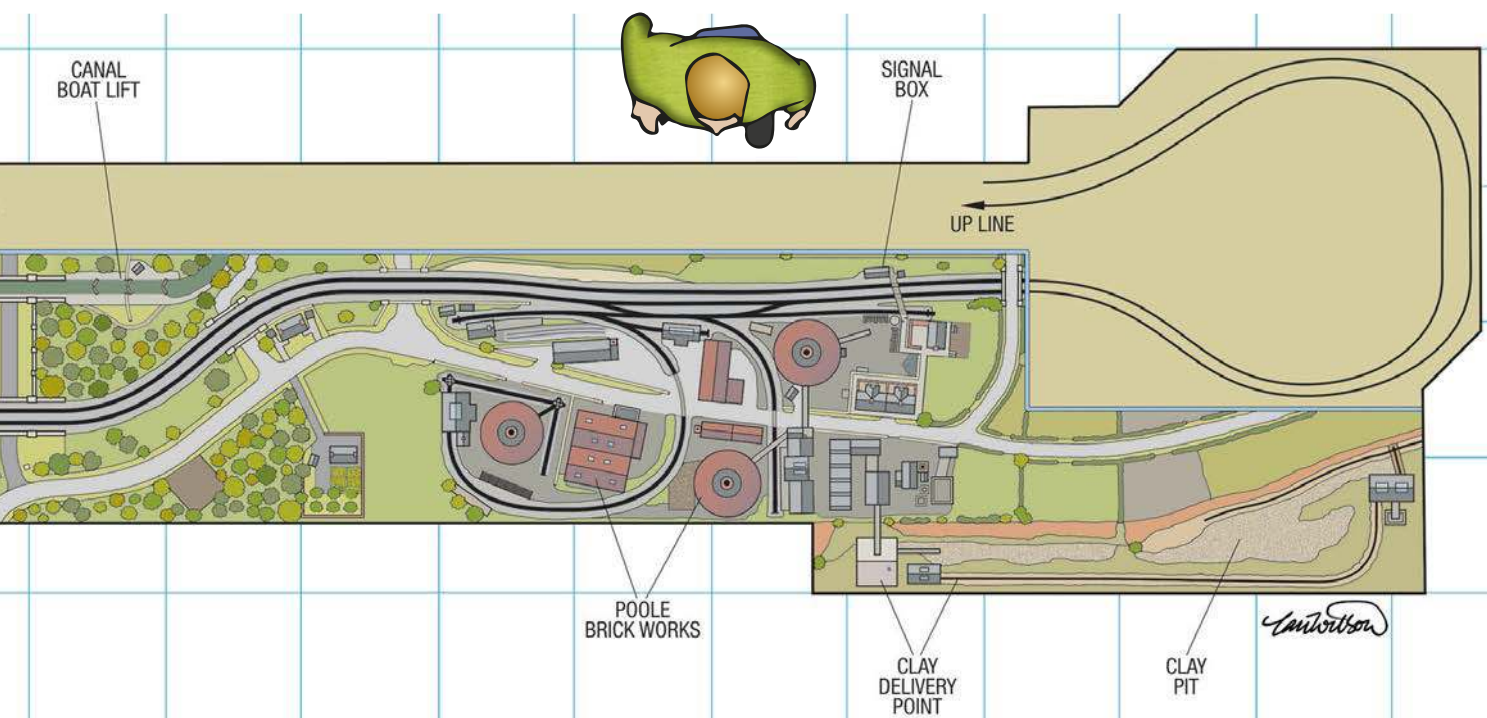
HARTLEY POOLE



RICHARD'S CHANGES AND ERRORS

There are two forms of errors on Hartley Poole: those of commission and those of omission. The former come under the sub-heading of modellers' licence, and some of mine are whoppers. For example, Wellington station until 1932 had only two tracks. Over the next two years the track was widened to four, with stoppers at both platforms being out of the way for the expresses to thunder through unhindered. However, to make room for the double-width track, the nice old pre-GWR station and footbridge were demolished to be replaced with characterless concrete ones. My modellers' licence enabled me to have four tracks and use more attractive Brunel-inspired Metcalfe station buildings and footbridge.

- The Nynehead boat lift and the Grand Western Canal were defunct before the end of the 19th Century, but I wanted them in my layout. So, south of the railway line it is the 1940s, north of it is a patch of the 1840s. What I have striven for is something that is redolent of the Poole and Wellington areas rather than a replica; fiction based on fact.
- The unintended errors are usually based on ignorance, such as introducing Scammell Scarabs and Land Rovers a year too early - both are 1948.
- Some of the grass scenery is a bit rough because I just couldn't get on with the static grass applicator. Close examination reveals too many glue blobs.
- My biggest area of discontent is my ballasting. In an exhibition hall, fine granite chippings look very small. Get home and glue it all down, however, and it looks huge. A 1mm piece is a scale six inches, and it shows. Eventually, I'll replace it with super-fine ballast. Nevertheless, I'm not deterred from having a go, and neither should anyone else.



HOW TO... SETUP YOUR FIRST DCC DECODER

Fine tuning a digital decoder to suit driving or operating requirements can seem confusing. Join Ian Mellors, as he guides you through your first programming steps.

You have started out with DCC control, bought a DCC-fitted locomotive or added your first DCC decoder to a DCC-ready locomotive. Now what? Most controllers can change a locomotive address directly from the handset, but for anything else, delving into the Configuration Variables (CVs) is the next step.

the decoder from other decoders, so it knows when it is being 'talked to' by the DCC controller. You can set CV1 to any value from 1 to 127.

Before we start changing things, let's make sure we know the current values stored in the decoder. Most manufacturers issue a data sheet with the decoder, listing the CVs supported and their default values. But what

if you bought a locomotive with a decoder already installed? This is where CVs 7 and 8 come in handy. Put your locomotive on your programming track and read these CVs. A quick internet search will result in a cross reference between the values and the appropriate manufacturer – Lenz for example has a CV8 value of 99. Similarly, a Lenz Standard+ decoder has a CV7 value of 93. Using this information, you can search for and download the manual or data sheet for your decoder. It is also good practice to read from the decoder and write down the value of any CV before you change it, should you need to restore it if you make a wrong setting.

Acceleration and Deceleration

Let's assume your locomotive runs OK, but sets off like a scalded cat and stops like

CV Name	CV Number	Default Value	Read Only?
Primary Address	1	3	
Vstart	2		
Acceleration Rate	3		
Deceleration Rate	4		
Manufacturer Version No.	7		Yes
Manufacturer ID	8		Yes
Packet Time-out Value	11		
Configuration Data	29		

Table showing basic CVs which require changing to maximise the potential of a decoder. Unless the address is changed from its default value of three, it will operate at the same time as another locomotive of the same default address.

For the beginner, this can seem quite daunting. There's a set of new terminology to learn, but it really isn't that complicated once you take the plunge. I'm going to assume that you're familiar with your DCC controller and know how to set up and use a programming track. If you're unsure about this step, read the instruction manual supplied with your DCC system.

CVs vary from decoder to decoder, with only eight mandated or recommended by the National Model Railroad Association (NMRA) who set DCC standards. They are listed in the table below. Let's stick with these, for now.

As you can see, the first CV controls the decoder address and is set to 3 from the factory. This number is what differentiates

Fitting a decoder to a locomotive to make it compatible with your DCC layout is often a plug and play experience, though for best results, you'll need to understand the rules of basic programming.



WHAT'S A CV?

Every decoder has a set of Configuration Variables - a memory location in the decoder that controls the behaviour of the decoder. Think of it as a 'preferences file' that saves the settings on a computer. Once set, the value will be retained, even after the decoder is powered down.



The DCC market offers a healthy selection of DCC decoders from which to choose. Amperage outputs or number of functions differ though, luckily, most follow the NMRA convention which sets standards over what each basic CV does.

Multi-function CV29

Some CVs use their space in the decoder's memory as a bank of eight on/off switches. While this lets you do a lot with very little memory, it can

get very complex for those of us that aren't on speaking terms with binary code. The table below lists how CV29 works. Don't worry, there are on-line

calculators to help you and should the worst happen and you forget the default values, simply consult your decoder manual.

Bit	0	1	2	3	4	5	6	7
Value	1	2	4	8	16	32	64	128
Function	Direction	28/128 speed steps	DC operation	Railcom	Complex Speed Curve	Long Address	Reserved	reserved

Configuring CV29

To throw any of these eight 'switches', you set the appropriate bit 'on' by adding its value to CV29. Most decoders come with CV29 set to 6 as standard - 28/128 speed steps and DC operation enabled. That's bits 1 and 2 'on' - values 2 and 4 added together to make 6.

Let's assume you've added a decoder to your locomotive and it runs the wrong way - you set it off forwards and it runs tender (or number 2 end of a diesel) first. Simply increase the value of bit 0 in CV29 by 1 and it will reverse direction. It saves unsoldering the wires to the motor!

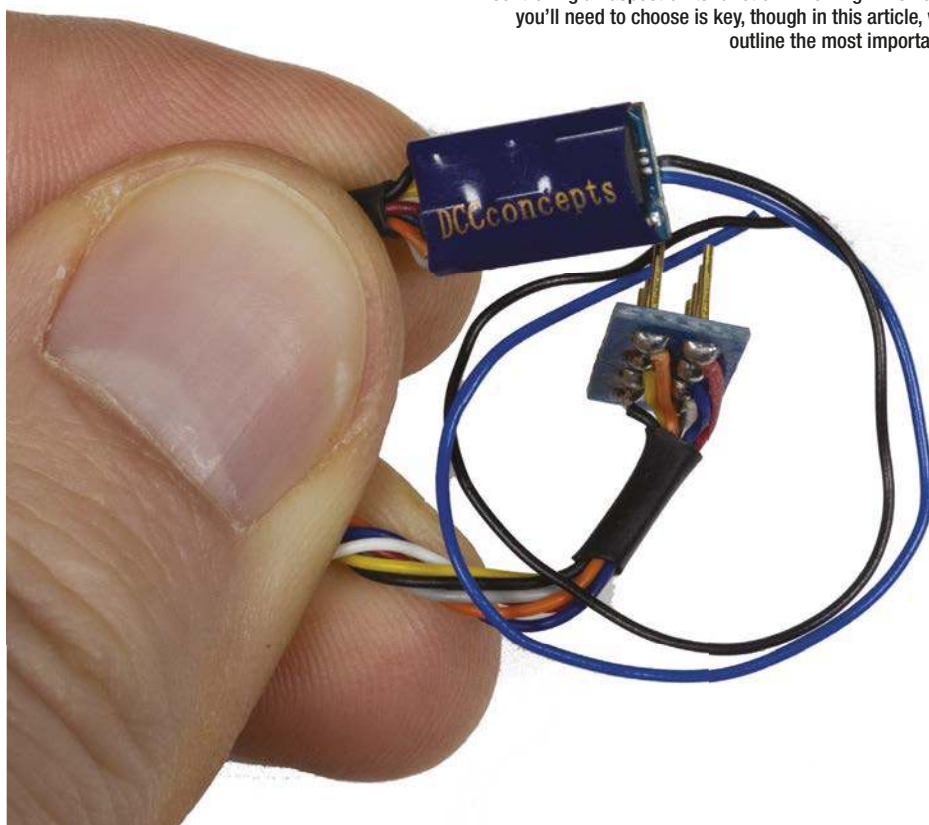
All this messing with binary can be daunting, but there are a few on-line resources that do the work for you. The 2mm Scale Association's website allows you to tick the functions you require and it tells you the value to put into CV29. Visit www.2mm.org.uk/articles/cv29_calculator

someone has thrown an anchor out of the cab. Let's set it up so that it accelerates and decelerates at a more realistic rate. For this we're looking at CVs 3 and 4.

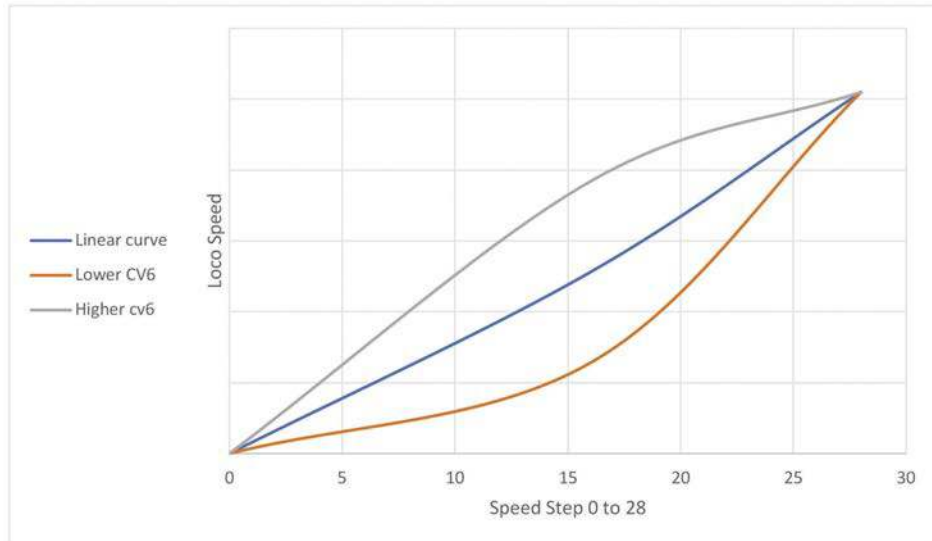
This pair of CVs can take a value from 0 to 255, though lower values between 5 and 10 are common. Set CV3 to 0 and the locomotive will immediately jump to the speed set by your controller (known as a 'speed step'). Increase the value in CV3 and the locomotive will take longer to reach the desired speed. Experiment with a few values and try to match the performance of the locomotive with what you expect from it. A heavy freight locomotive should take longer to reach its desired speed than a small tank locomotive with a few wagons. Likewise, increasing CV4's value will lengthen the time it takes for the locomotive to slow to a stop when the throttle is set to zero.

Speed Adjustment

Assuming your locomotive runs too fast at maximum speed on your controller, or doesn't move at all on speed step 1, this can be sorted with CVs too. The first, CV2 (Vstart), tells the decoder the voltage at which the speed curve will start.



Despite its small size, this Zen decoder from DCCconcepts contains more than a hundred CVs, each controlling an aspect of its function. Knowing which one you'll need to choose is key, though in this article, we outline the most important.



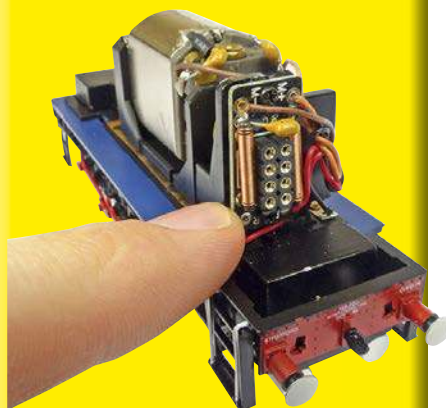
Graph showing the acceleration of a locomotive fitted with a 28-speed step decoder. Three values alter the curve: CV2 - the speed at which the locomotive starts (indicated bottom left), CV5 - the maximum speed (indicated top right) and CV6, the speed between each. Note how a decoder changes the rate of acceleration by altering the setting of CV6.

Next, we have CV5 - Vhigh and CV6 - Vmid. As you might expect, CV5 tells the decoder what voltage to apply to the motor at the highest speed step and CV6 at the middle point. Neither of these are on the NMRA's mandatory or recommended list, so some decoders might not have them available, but it is uncommon these days.

Experiment with CV2 to get the locomotive crawling along at speed step 1,

then adjust the 'top end' CV5 to something appropriate to the locomotive. Then, set CV6 to approximately half the value of CV5. When you get confident, adjust CV6 to make the speed curve non-linear. Lowering the value of CV6 from half that of CV5 will give finer speed control at lower speed steps. Increasing its value above half will give finer control at higher speed steps. The graph above illustrates this.

READ MORE ON DCC



Looking to get the most out of DCC this winter? Visit our website, World of Railways, for a selection of DCC projects for beginners. To make a start on your DCC projects this winter, visit www.world-of-railways.co.uk.

The decoder calculates the speed curves automatically from the three CVs, giving a smooth transition from speed step to speed step. It doesn't matter if you're using 28 or 128 speed steps, the decoder does all the work for you.

Hopefully, this quick introduction into the world of CVs should get your locomotives running exactly how you want them. Not too scary, was it? ■



SUBSCRIBE TO THE DIGITAL **BRM** for just **£19.99**

As a digital subscriber you'll benefit from:

- Saving money
- Your magazine delivered to your device each month
- You'll never miss an issue

www.brmm.ag/brmdigital

BRM

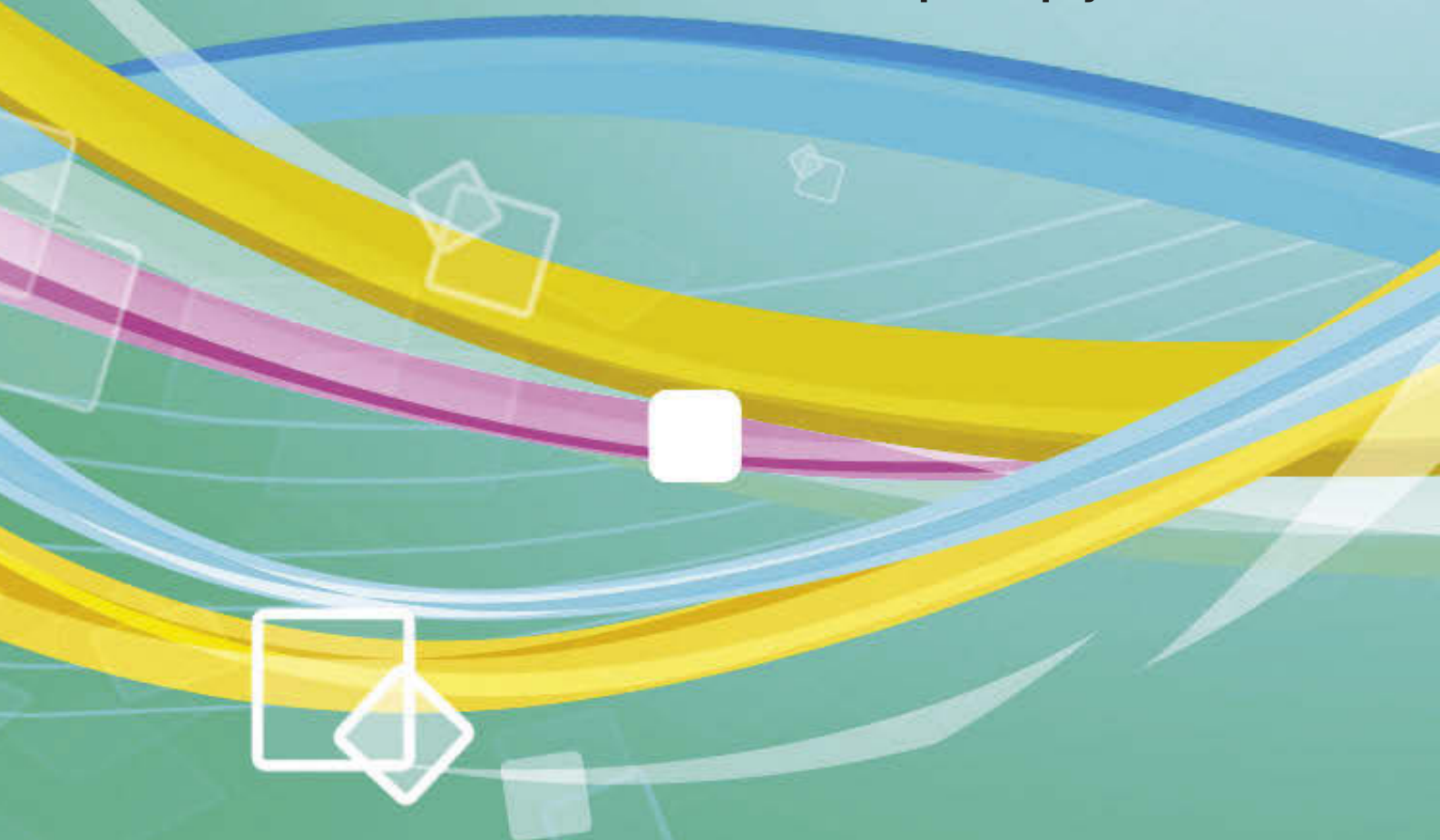
BRITISH RAILWAY MODELLING

TV

DIGITAL EDITION EXCLUSIVE

PENDON

Pendon's Chris Webber explains the concept behind the Diesels in the Vale event and how this fits in with the Museum's philosophy



EXCLUSIVE

WATCH THE VIDEO HERE

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



PLAY

DIESELS IN THE VALE

As a celebration of the formal opening of Pendon Museum's Bristol Line, it's fitting to show how the services of the 1930s evolved using diesel locomotives.

Words: Chris Webber, Pendon Museum



**PENDON
MUSEUM REOPENS
2ND FEBRUARY
2019. SEE
PENDONMUSEUM.
COM FOR DETAILS**

For more about Pendon and to see some highlights from the Diesel day click [here](#)



Pendon Museum

Alone of the companies that ceased to exist at midnight on the 31st December, 1948 on Nationalisation, the newly formed Western Region of British Railways could trace its antecedents back over more than 100 years.

The company had been forward-looking in its approach to traction, having successfully developed a fleet of diesel-powered railcars in the 1930s and considered electrification of its West of England line prior to the outbreak of war in 1939. It intended to develop innovative forms of traction (as foreseen in its 'Next Station' publication of 1947) and although it was unlikely that Gas Turbines, as touted in that publication, would ever have been

successful, the BR Modernisation plan of the mid-50s gave the ex-GWR men an opportunity to go their own way. Alone of the six BR Regions, the Western chose to develop Diesel Hydraulic traction, the rest choosing diesel electric transmissions.

With hindsight, this was possibly a foolhardy and quixotic choice, perhaps akin to Brunel's advocacy of the Broad Gauge in the formative days of the company. Given the gradients of the West Country and the services anticipated, it could be argued a logical one with the possibility of yielding a far higher power to weight ratio than that offered by the existing alternative technologies. The end result was a range of unique designs that flourished briefly

through the 1960s before the standard diesels took over.

As a final celebration of the formal opening of Pendon Museum's Bristol Line earlier this year, we thought it fitting to show how the services of the 1930s evolved using this new form of traction, as developed at the bequest of former GWR men. So, we contrast 'The Bristolian' of 1935 (the Company's Centenary year) with that from the early 1960s, along with two freight trains of the two eras and a 1960s local passenger service. Reflecting the contraction of the once all-encompassing railway network, a track recovery service on the MSWJ, now closed to commercial traffic, is also shown.



Glimpsed on the Midland and South Western Junction Railway line is a short rake of open wagons hauled by a D6300 class 'Baby Warship'. The locomotive is working along the line as part of the demolition works involved in recovering track and ballast for scrap or resale. This is a sad reminder of an all too common sight from the 1960s and early-1970s.

Watch our
video of
'Diesels in the Vale'
[www.brmm.ag/
pendondiesels](http://www.brmm.ag/pendondiesels)

The Bristolian: A flagship service of the GWR and BR (WR), the train ran out from Paddington in the morning via Bath and returned in the afternoon via Stoke Gifford and the Badminton line. From shortly after inception, it was hauled by a 'Castle' class 4-6-0 and consisted of seven passenger coaches, including an ex-GWR restaurant car. In 1956, the GWR's Chocolate and Cream livery replaced the earlier Mk. 1 BR coach livery, and in 1959 the motive power was replaced by new D800 'Warship' class diesel-hydraulics, with the travel time between London and Bristol cut to 100 minutes. Over time, the coach provision grew to ten cars, and a BR Mk 1 Restaurant car replaced the GWR vehicle.



Nowadays, all freight stock on the railway is air-braked rather than vacuum-operated. Only the regular, overnight fast goods between major centres on the GWR were continuously braked in the Pendon Period (1920s and 30s), but by the 1960s many more services were operating at high speeds between major traffic centres. BR used a bauxite livery to indicate those wagons that were vacuum-braked, others usually being coloured grey.





**DIGITAL EDITION
EXCLUSIVE**

**CLICK AND SWIPE IMAGES
TO SEE MORE**





Factfile

Layout name: Normandy Junction Shed
Scale/gauge: 7mm:1ft / 0 Gauge
Size: 19ft 8in x 3ft
Era/region: 1930-1965 multi-region
Layout type: End-to-end shed and works with main line access
Power/Control: 12VDC

Great Western 'Hall' No. 5917 has arrived on shed after working an inter-regional train. It will be coaled, watered and turned, ready for the return working. This locomotive is from an ex-Martin Finney kit.

NORMANDY JUNCTION SHED

Mike Cross, project leader on Guildford O Gauge Group's spacious multi-regional layout describes its inception and usefulness to members.

Words: Mike Cross **Photography:** Tony Wright

Background History

Normandy Junction is our large 40ft x18ft club layout which has been developed over the years by club members, one of these being the writer of this article. Apart from the main through station, the backscenes are the focus of interest which includes an engine shed. I felt the initial shed was becoming too small for the number of locomotives our members have. We have limited track on which to run trains, so I thought we should show more of a selection of the members' motive power and have more moving activity within the shed confines under a separate control system. Grabbing the nettle, I began setting out plans for construction. Once the engine shed was completed and attached to the main layout, my mind started to drift again. What if we extended the engine shed to give it more operational movements and become a stand-alone layout which would be more suitable for exhibitions with limited space? By this time the members had offered me my own dark corner in the club room. Instead of hibernating in the winter of 2017, I started the build of two module extensions and a fiddle/cassette board.

Layout Design

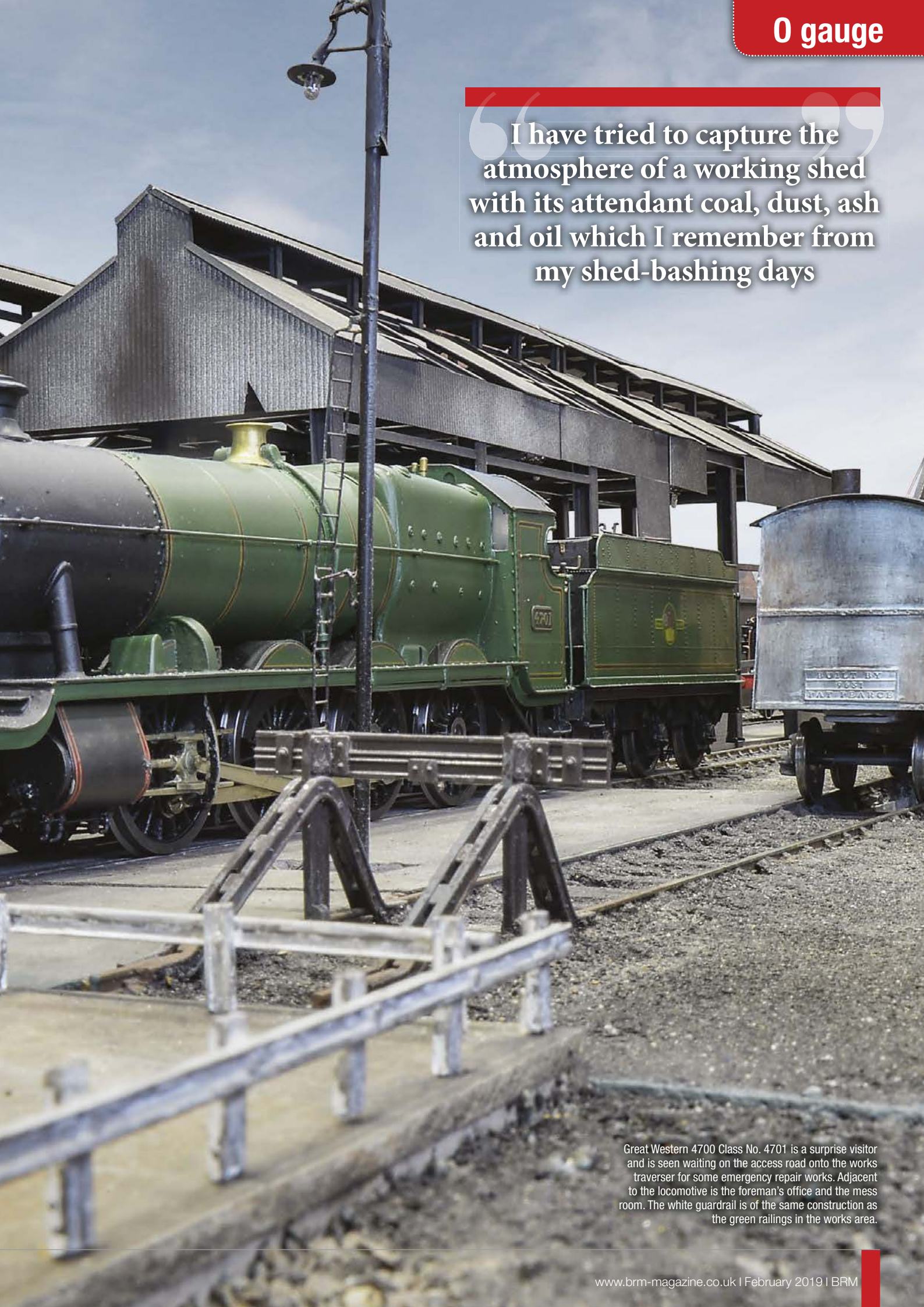
Being an open railway, members have stock covering most railway companies and regions, though the biggest percentage of stock is from the 1930s-1960s period. The motive power on shed would need to accommodate the activities of the smallest 0-4-0T, moving ash and coal wagons, to an A4 which would require a 70ft turntable. The turntable would also accommodate the shed pilot plus three or four wagons and allow access for various vans from the main line with stores for the works.

Consideration had to be given to the weight of each board. Their height had to be maintained within existing backscene boards for boxing up to go to various shows. This meant that a module for the works and shed would have to retain the same dimensions at 1m x 70cm.

The engine shed, apart from having an access track to the main layout, has a track from the goods yard serving the coal road for the engine shed. This gave me the idea that this could be the link into the new section as the main line into the shed. But, what to put on the two new boards? Bearing in mind, it still had to link up with the goods yard on the main layout - a coaling plant, parcels depot, perhaps some form of railway works? It was agreed that a railway



I have tried to capture the atmosphere of a working shed with its attendant coal, dust, ash and oil which I remember from my shed-bashing days



Great Western 4700 Class No. 4701 is a surprise visitor and is seen waiting on the access road onto the works traverser for some emergency repair works. Adjacent to the locomotive is the foreman's office and the mess room. The white guardrail is of the same construction as the green railings in the works area.

works entrance would give us the most flexibility to send locomotives through the works into the fiddle/cassette board and vice-versa, as well as running in and out on the main line to the shed. This would give us plenty of scope for locomotive movements.

Pinch Point

There was only one road available on the engine shed that gave access onto the new boards which currently had buffer stops where it met the entrance to the goods yard on the main layout. This was creating a problem of using points at the end of this track to get into the works because there wasn't sufficient space or length on the first new section. This was resolved by two of our members, with plenty of lateral thinking, simultaneously suggesting a traverser. This would solve our problem of getting locomotives into the works via the previous dead-end track. It did mean, however, that locomotives couldn't be parked on what was a shed road. But in the scale of things and four shows further on, this hasn't caused operational problems. The traverser was designed and built by one of our electrical wizards, Pat Pearce.

When I was thinking this project through in the early days, having the railway works allowed the complete spectrum of motive power to be used, which meant we could run ex-works locomotives alongside weathered locomotives legitimately, via the engine shed.

The engine shed has a slight bias, architecturally, to BR Southern, simply because the main layout station and goods yard are based on BR Southern design. The club has always been an open railway, members having stock from all regions, but on public running days the right motive power with the right stock prevails. The shed and works architecturally allow for all types of motive power, visiting or otherwise, which sit well on shed.

All track and points are Peco which are robust and tolerant to being 'hacked' or covered in ash and muck to form the pit road.

Buildings

The main buildings comprise the entrance to the railway works, the engine shed, the Foreman's office and water tower.

With the exception of the locomotive shed, the buildings, including smaller outbuildings, were constructed in MDF and finished with brickwork, using windows and doors from Invertrain. I used various



An obsolete Lima truck, heavily rusted, was used for the ash wagon. The GWR 57XX 0-6-0 'Pannier' has been seconded on shed duties while waiting for repair works. The tanks used by London Transport were sometimes sent to BR works if specialist work was needed. The 'Pannier' kit is from Just Like the Real Thing with extra detail.



A fine example of a Southern Standard Five No. 73112 Morgan Le Fay, in for light repairs on its front buffer beam. The surfaces between the tracks are timber levelling pieces with a weathered MDF top.

SEE NORMANDY SHED IN ACTION AT:

Alton Model Railway Group show on February 2/3.

Crawley show on April 13/14



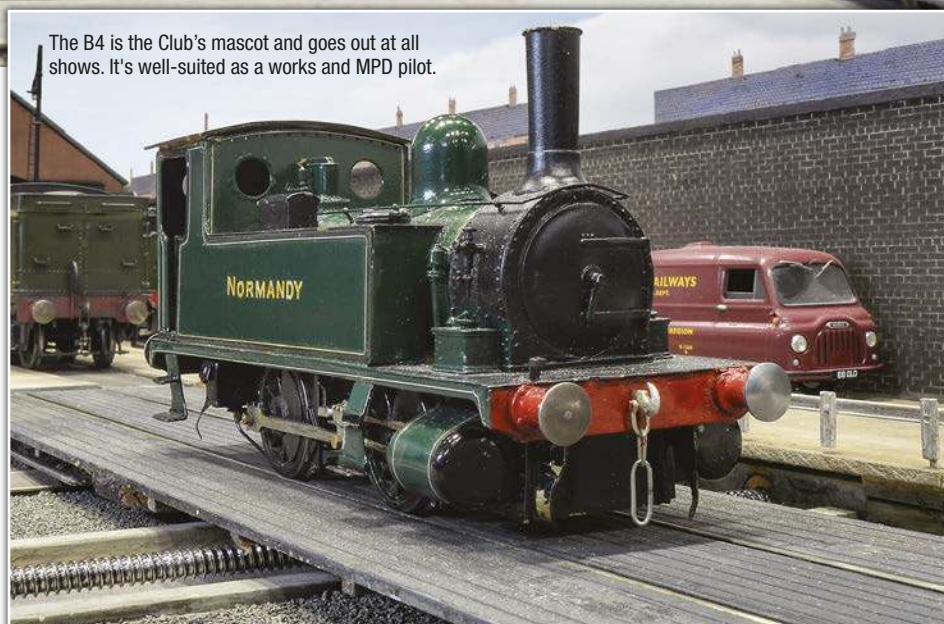
Card was weathered and laid between the running tracks. The area between the running track and the outer single rail is covered and bonded with 4mm ballast.

LET'S EXAMINE: THE TRAVERSER

The original idea was to build a quick and easy traverser as a trial for our proposed engine shed extension. However, the whole thing became the permanent working item. Having looked at photographs of the full-sized things, I found all differing drive systems were used, so decided that a simple centre-drive screw would be acceptable in the model world and would be simple to build.

The basis of the build was a redundant turntable bridge that the club already owned. This was stripped of its lower frames, leaving only the top layer and track. With the drive screw in the middle, it was essential to keep the moving table square to the incoming tracks. To do this, two brass trolley plates were made to be screwed to the underside of the bridge on each side. Each plate has four, specially-made, double-flanged 5mm diameter wheels fitted, these gauged to run on both traverser standard O gauge tracks. Firstly, the two standard tracks were attached, parallel on a baseboard and the trolley plates were aligned with the track and attached to the table.

Next, we obtained the lead screw and special plastic flanged nut from a supplier of these items for photograph printers. Fitting the nut under the table required the nut and its flange to be thinned and carefully lined up and bonded to the centre of the table. Alignment was made by fitting two wooden trunnion blocks, with inset, self-lubricating bearings, supplied by the screw supplier, screwed to the baseboard centreline. This was the most critical operation of the build.



The B4 is the Club's mascot and goes out at all shows. It's well-suited as a works and MPD pilot.



A bird's eye view of the traverser's basic structure, which shows the universal drive screw powered by a Portascap motor via a flexible connector. Four bolts were used to locate and support the traverser base while being worked or having to be removed for any reason. Once completed, bolts were removed for a permanent under-board support.

The lead screw is driven by a redundant Portescap RG7 motor and gearbox mounted on the shaft via a short length of plastic piping to make a flexible drive, and is loosely held on the baseboard. The motor is powered from the normal track controller via a selection switch.

The traverser unit was tested and mounted to the layout baseboard with four bolts and

packed to align with the incoming tracks. This worked well in practice, until heavy locomotives were in use, when we found the ends of the bridge tipped down during arrival and departure. So, two further outer traverser rails were added which support brass plate pads under the bridge ends. Scenic work was carried out to complete and all has worked well to date.

sprays and paints to achieve the textures and colours that would have been seen around a shed of that period. I've built up a library of books with colour content. This is vital to get the atmosphere, colours and structures looking accurate. I use the same principles to achieve the weathering for rolling stock.

The entrance to the railway works was developed in the same way as the engine shed with a set of scale drawings which help identify construction issues, particularly in a confined space. Photographs of railway works are limited, but I picked different bits of the outside structure to add to the drawings, and built the framework in MDF. The backscene behind the works entrance represents the start of the main works, which has to be removable to allow the module lids to fit over the boards when transporting. The incoming and outgoing main lines run under part of the works into the fiddle yard. Again, windows and doors to the railway works were sourced from Invertrain. The traverser and works boards have their own control panel concealed in the roof space of the works. This operates the traverser and controls locomotive movements around the works and sends / receives locomotives between the engine shed / fiddle yard.

Scenery

Due to the depth of the existing boards only being 700mm, there was not a lot of space for back scenery and as most engine sheds have walls around them in towns and cities, it seemed the obvious solution to do the same. Again, I used MDF as the base with a ply top to represent a stone capping. Brick paper representing blue engineering bricks was applied, then toned down with a sooty mix spray.

The building scenes above the stone capping are the basic PECO diorama sheets in 4mm scale cut and carved to suit. It helps give depth to the backscene. ■

LIKE WHAT YOU SEE?
Visit the Guildford 0
gauge group's website for
details at www.guildford-0gaugegroup.org.uk



having the railway works allowed the complete spectrum of motive power to be used, which meant we could run ex-works locomotives alongside weathered locomotives



Looking from the other end of the shed, GWR 47XX No. 4701 awaits access to the traverser. Behind the locomotive is the bike shed roof; an essential for all sheds. The yard crane for ash and coal work is scratch-built, based on one used at Stewarts Lane shed on the Southern.

CONSTRUCTING THE LOCOMOTIVE SHED

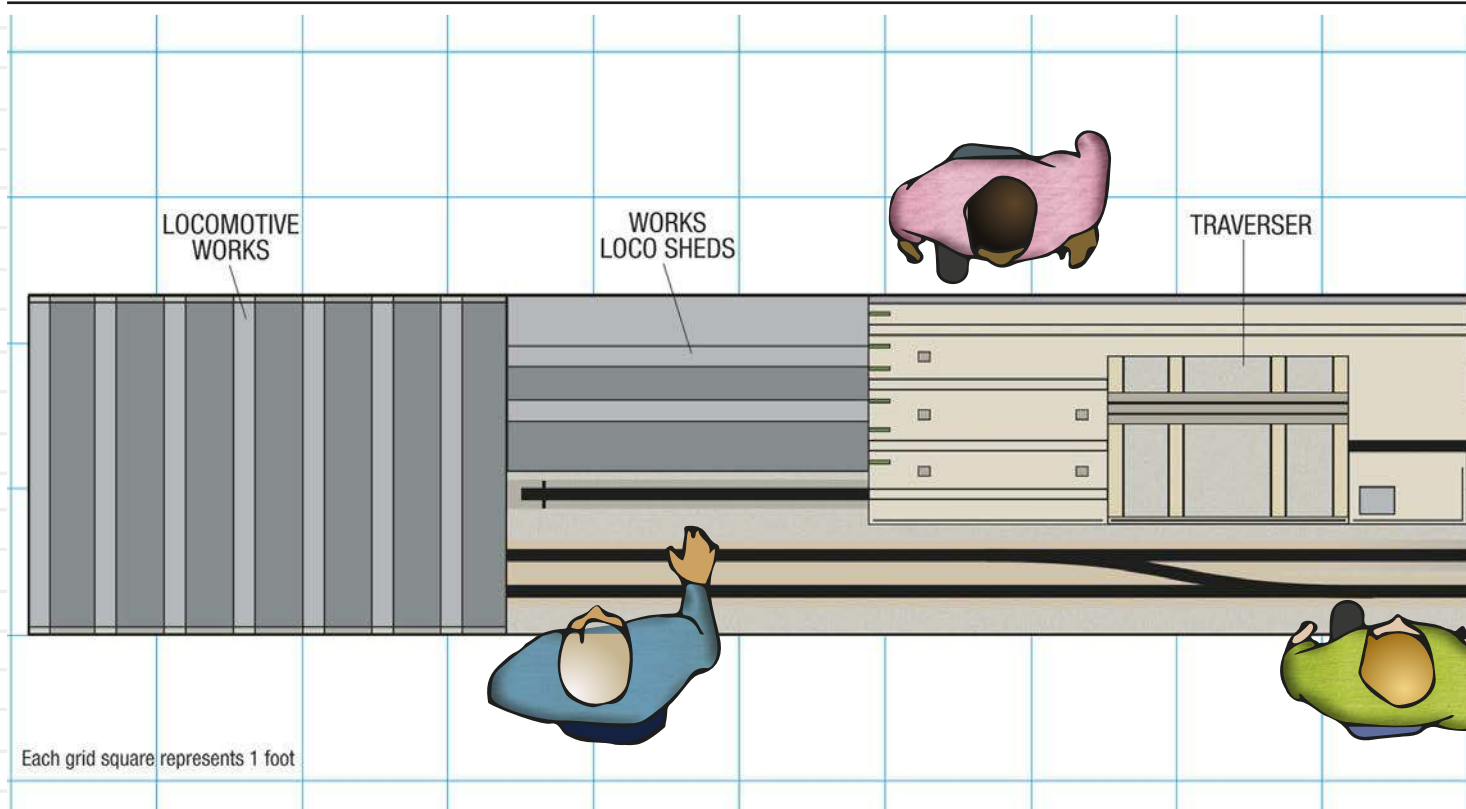
Bearing in mind board weight, the locomotive shed was made entirely from Evergreen profiles and having a design background, I prepared scale drawings to get the proportions right of steel girders and roof framing. It was a consensus that locomotives could be seen inside the shed to give it a dilapidated appearance, though this wasn't that unusual in the final decades of steam.



Ex-SR 4-6-0 'Merchant Navy' Class No. 35006 *Peninsular & Oriental SN Co.* is waiting for the shed steam raiser to light a fire after a works overhaul, including a re-paint. The shed is loosely based on what I recall of Nine Elms and Bournemouth sheds in the latter days of steam.

Trackplan

NORMANDY JUNCTION



Two ex-works 0-6-0 'Terriers' wait to come off shed in tandem, once they have a working boiler pressure.



FUTURE SCOPE

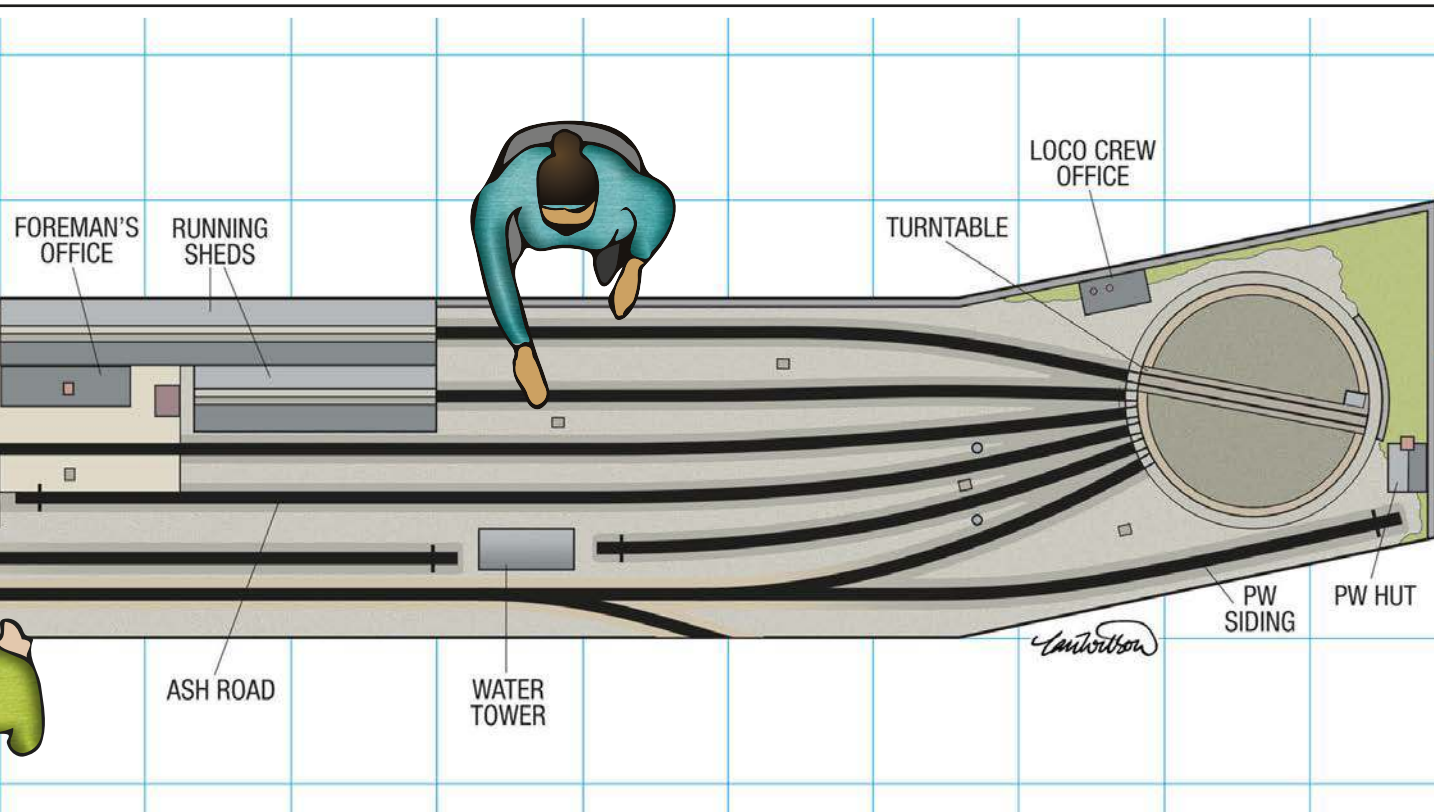
I have tried to capture the atmosphere of a working shed with its attendant coal, dust, ash and oil which I remember from my shed-bashing days.

There are still areas on the layout that need detailing and finishing off and after attending shows, we have found we need to improve our operating stratagem and electrical isolation sections for better operating procedures. A further fiddle/cassette board is to be added to achieve better locomotive movements and for parking cassettes.

There are no plans at present to extend the shed and works, but who knows? Someone may come up with the bright idea of extending the railway works with overhead gantry cranes or dead engine roads. By then, the club most probably will have provided me with my own dark room.

Finally, and most importantly, I couldn't have achieved an end result to this project without the input of our electrical wizards Pat Pearce and Bob Gillett and the constant help and assistance of Dave Cook. My grateful thanks to each of them.

ION SHED



HOW TO... BUILD AN ACE MODELS P2

SKILL LEVEL - Advanced

Tony Wright constructs an ACE Models' P2 kit in OO gauge, a representation in miniature of Britain's most-powerful express passenger steam locomotive.

Words & Photography: Tony Wright

The six Gresley 2-8-2s built for the difficult Edinburgh-Aberdeen main line were among the most visually-impressive locomotives of all time. The first two were built in 1934 (numbered 2001/2), the original one having rotary can poppet valve gear, the second having conventional Walschaerts valve gear. The smokebox side sheets were brought forward into a semi-streamlined nose. Because of sighting problems caused by drifting smoke, the second P2 was given extra (and very large) smoke deflectors after six months in service. A further four were built in 1936 (numbered 2003-6), this quartet having

A4-style Bugatti streamlined front ends. 2002 received a Bugatti nose shortly after the last of the class was built and 2001 was fitted with one in April 1938, losing its poppet valve gear at the same time.

On the road for which they were built, there was no other class to touch them. They were the most powerful express passenger steam locomotives ever built in this country and could take loads impossible with any other class. However, those abilities came at a price. They were prodigious coal-burners and suffered from broken crank axles. A less sure-footed class would have just slipped, but the P2s didn't, and the weakest point gave

way. They also had long periods in works, though the standard of repair at Cowlairs left a lot to be desired. The men in charge of their running would have preferred them to be sent to Doncaster for every shopping. Those same men also could not believe it when the decision was made by Edward Thompson to rebuild them into Pacifics from 1943.

Though hindsight is far less-useful than foresight, there are one or two conclusions that might be drawn. Had the P2s been transferred to the ECML during the War their incredible power would have been invaluable in taking the enormous loads



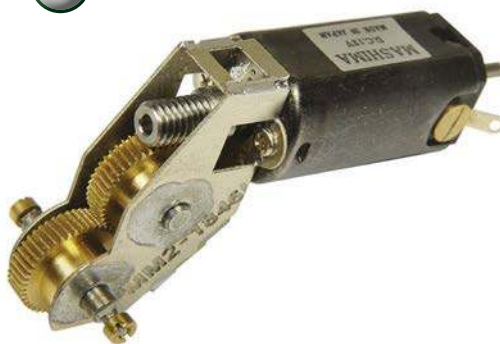
during hostilities. Not only that, with a less-sinuous route to run on, there would have been fewer problems out on the road. When rebuilt, the locomotives were of no use in Scotland and were under-utilised in England. It is very doubtful that any of the rebuilding costs were recovered and the waste of valuable steel and man-power during the darkest days of the War in turning a 'priceless' asset into one of questionable worth has never been fully-explained.

Such is history, and it carries on. Not in further rebuildings, but in the building of a brand-new, full-sized P2 in the form of 2007 *Prince of Wales*. Such is the interest (and affection) in these enigmatic giants, that the project is proceeding at a rapid rate, and the sight of a P2 once more running on the main lines should not be too many years away. Anyone who can remember the P2s in everyday service must be very old now. No group is embarking on the building of a brand-new, full-sized Thompson Pacific!

Some little time ago, I was sent a 4mm ACE kit for the second of the P2s, 2002 *Earl Marischal*. This was reduced-down from the same firm's 7mm example. It will make-up into the locomotive during the first six months of its life, before the extra deflectors were fitted. The kit comes mostly in etched brass/etched nickel silver, with some white metal fittings. It is supplied completely in the flat. Before beginning construction, I consulted the usual works by the RCTS, Yeadon, Isinglass and as many prototype pictures as I could obtain. I doubt if any more exist which have not been published. ■

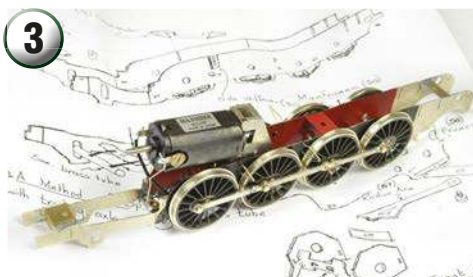


1



A powerful locomotive needs a powerful motor/gearbox. I chose a Mashima 1628 and a Markits two-stage 'box. The advantage this design has is that the motor can be removed from the 'box without taking it out of the frames.

3



Frames painted and driving wheels, motor/gearbox and coupling rods in place. Such was the tight clearances between the drivers, I had to turn down the flanges of the wheels on the second and third axles. This was achieved by clamping a mini drill horizontally in a vice, fitting each wheel on to an axle and rotating the flanges carefully against a fine file.

Suppliers

ACE Models
Markits
Poppy's Wood Tech
Isinglass
South Eastern Finecast
Comet
247 Developments

2



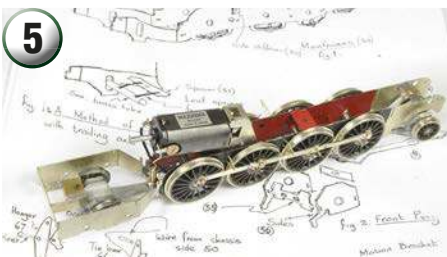
All my locomotive chassis building these days is undertaken in the Poppy's Wood Tech chassis jig. This resulted in a perfectly square chassis, with coupling rod and wheel centres matching exactly.

4



All wheels were supplied by Markits. I substituted a cast metal front pony truck (from my spares box) for the fold-up one provided – weight where it's needed. I configured the Cartazzi truck as suggested in the (naive) instructions.

5



The naivety of the instructions is shown here, with a series of curious little drawings and rather fuddled notes. As designed, the Cartazzi truck would not even negotiate a 5ft radius curve, so I substituted yet another cast one from my spares box.

6



Great care was taken in forming the footplate because the entire superstructure depends on it being right. The fore and aft fixing nuts have been securely soldered in place.

FIVE FACTS ABOUT THE P2S...

1. The six P2s did everything asked of them and were the only class capable of taking the heaviest train unassisted (even the single-chimney 2005). They could walk away from any of the frequent stops without the slightest slip.
2. They were very high-maintenance and (as mentioned) suffered the occasional broken crank axle. Because of the less-than-perfect action of the pony truck leading the locomotive into curves, the leading drivers had a much greater rate of wear on their flanges. Some of these issues could have been mitigated by relatively minor alterations to some components and had shopping always taken place at Doncaster – prior to the P2s, the largest locomotives shopped at Cowlairs were the Reid 'Atlantics'.
3. Because of union-insistence that two of the class be allocated to Dundee, for a lot of the time the giants stood on shed just wasting coal covering their fire bars. A more cost-effective allocation would have been three at Haymarket and Ferryhill respectively.
4. When rebuilt into A2/2s some of the problems associated with them as P2s disappeared. There were no more broken crank axles and the bogie guided the front end much better into curves. However, though Thompson solved these, he introduced more problems of a different nature. As 'Pacifics' the rebuilds slipped to a standstill and, despite their high tractive effort figure, could no longer take the heaviest trains. They were thus rendered useless in comparison. They still burnt plenty of coal but because of weakness in the front end, their incidences of shopping were even greater as 'Pacifics' than as 'Mikados'.
5. Because they were no longer suitable for the Edinburgh-Aberdeen road, the six 'misfits' were eventually transferred to York and New England sheds, which had precious-little top-link express work. Apart from the Raven A2s, they were the first LNER Pacifics scrapped.



With all soldering completed on the cab sides, front, firebox, boiler and smokebox sides, this was the result. The external soldering has been cleaned up. I was really pleased with the subtle overall shape achieved. The model is sitting on the Isinglass drawing.



I always build locomotive and tenders together – that way any necessary adjustments can be made with regard to ride height, etc, before any fine detail is added. To speed things up, I used a spare DJH tender body (spare in the firm's A3 kits), which has the sides and rear end in one, fold-up, piece.



Standing on some of the source material, this was the progress so far. I made up shouldered screws to hold the ponies on (brass sleeve soldered on to 8BA screws).



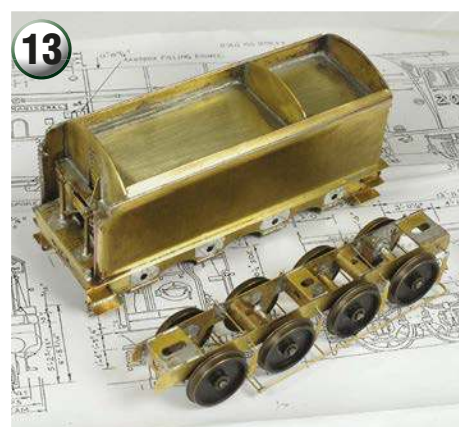
The boiler cladding on the real thing is not true-round, but tapers outwards towards the rear and is rather egg-shaped in front elevation. A series of very useful formers were provided, though some external soldering was eventually necessary. The front section of the smokebox was over a millimetre too long and had to be shortened at its rear edge – snipped off in the flat with tinsnips, then filed to a clean edge. It was fortunate that this was discovered before I formed it.



All curving of components was achieved using rolling bars and bending bars. Without these, I have no idea how anyone could build a kit such as this with any success. The final need for external soldering is evident here.

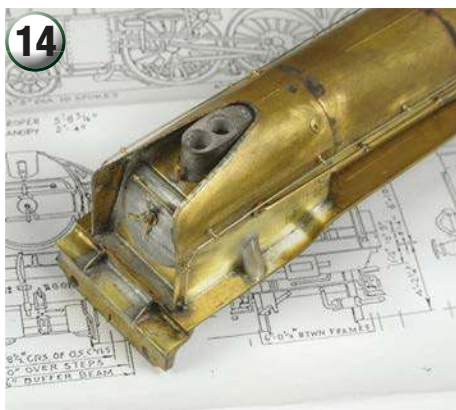


Further bodywork detail added and more pieces to be added. The front end had to be soldered externally and needed a fair bit of fettling before I was happy with it.



Much of the tender is complete in this shot. Rather than bother with the making of the self-trimming bunker (this will be full of coal), I just soldered in a piece of flat brass to form the top. The rather neat sub frame was easy to put together accurately.

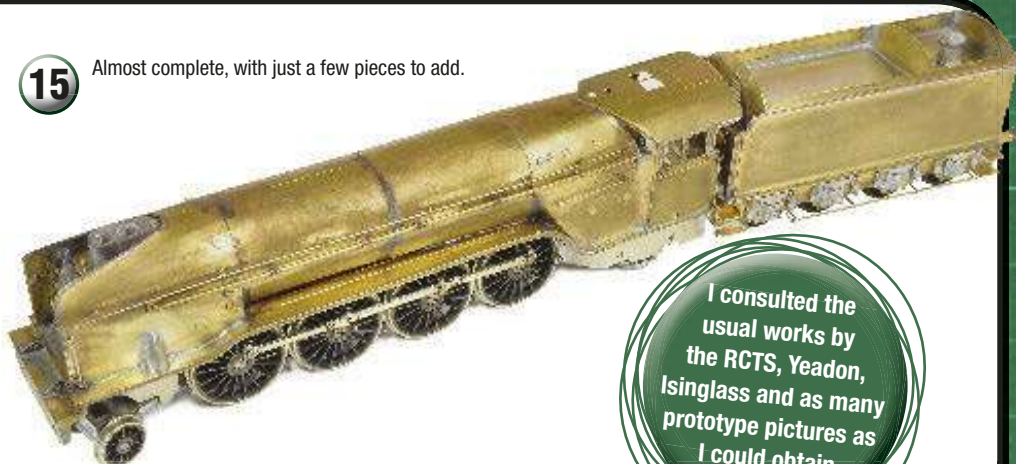
14



The front end all but complete. One was expected to 'make' the chimney from brass scrap. How? I used a double chimney from a SE Finecast A4 kit. Dave Ellis will supply any parts from his kits on request. No outside steampipes were provided either. I made these from white metal rod of the correct diameter, infilling with low-melt solder.

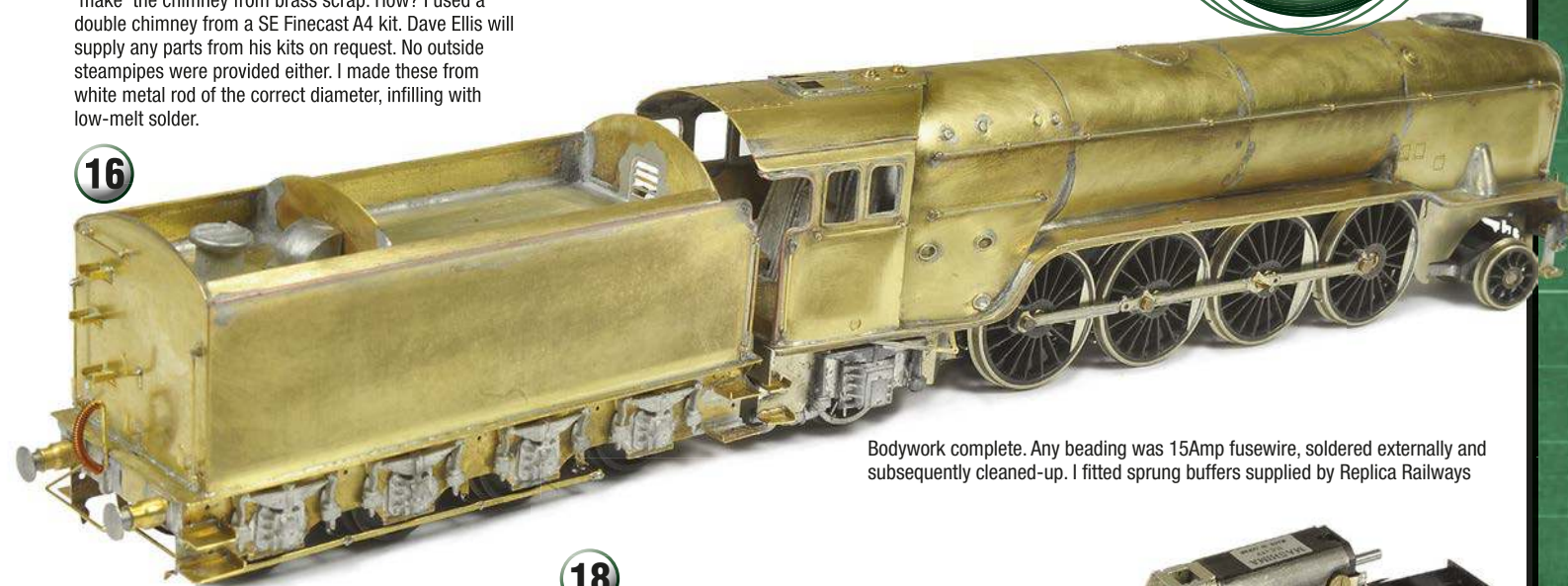
15

Almost complete, with just a few pieces to add.



I consulted the usual works by the RCTS, Yeadon, Isinglass and as many prototype pictures as I could obtain

16



Bodywork complete. Any beading was 15Amp fusewire, soldered externally and subsequently cleaned-up. I fitted sprung buffers supplied by Replica Railways

17



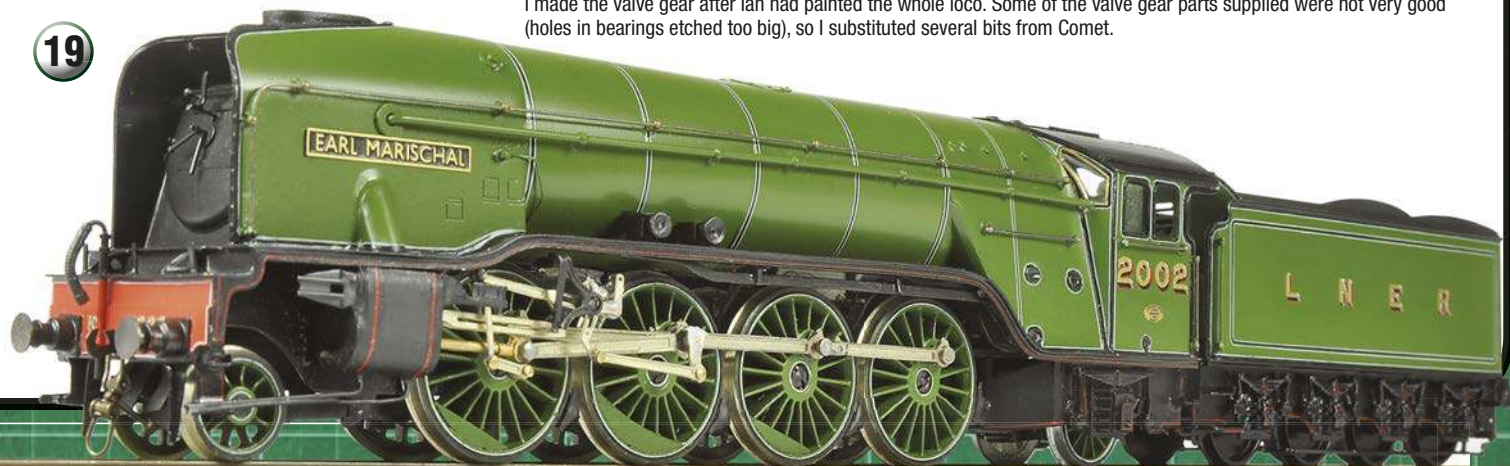
Prior to going off to Ian Rathbone for painting, I stripped the chassis, marking very carefully each pair of wheels.

18



I made the valve gear after Ian had painted the whole loco. Some of the valve gear parts supplied were not very good (holes in bearings etched too big), so I substituted several bits from Comet.

19



I made the valve gear after Ian had painted the whole loco. Some of the valve gear parts supplied were not very good (holes in bearings etched too big), so I substituted several bits from Comet.



SKILL LEVEL - BEGINNER

HOW TO... MAKE A FIR TREE

Words & Photography: Howard Smith

Pre-made trees are accessible for the newcomer, but making your own is rewarding. Howard Smith builds two examples from a multi-pack kit by Coastmans.

I've seen many trees on layouts and it's fair to say they're not all born equal. From unrealistic greens, to visible twisted wires or oversized branches to the outright plain ugly – it's rare for them to look as realistic on our model railways as a building or locomotive.

Bricks and mortar are quite easy to scale with their angular forms, but branches, twigs and leaves not so much. Trees are a labour of love to some, but not as interesting to many of us as putting hours of modelling into a locomotive, building or item of rolling stock for our layout. They're also temptingly easy to buy ready-made from a growing number of sources, as a glance at the advertisement pages of this issue will testify.

Many ready-made trees are cost-effective and save time, but offer the modeller little choice. If you're after custom trees for your model railway, you'll need to pay more, or make your own - a task made easier with a kit.

This 'Variety Pak Fir Trees Kit' from US-manufacturer Coastmans is available from The Model Tree Shop. Inside, you'll find seven tree trunks ranging from six to 11in in length, stub branches, a support with wooden pins and a green foliage mat. With visions of some of the amazing trees seen on American logging layouts, I was keen to test them out. Here's how I got on... ■

What we used

Coastmans Variety Pak Fir Trees Kit (The Model Tree Shop)
Pin vices with HSS drill bits
Tweezers
Scissors
Deluxe Materials Rocket Hot glue



A standard ready-to-plant tree, made from a plastic armature with foam overlay and green scatter. Its basic form and shape is evident. It could be easily modified for a residential garden scene, it's no forest tree.



Coastmans is based in Oregon in the US. Each of its tree packs is a compact kit which includes sufficient material to make seven trees – not quite enough to make a forest, but enough to see you make a good start at a mixed woodland.

3



Each kit has a selection of pre-tapered wooden trunks. These are made in the factory by running the sections over a belt sander as they rotate at the same time. Note they differ in colour for variety.

4



Each trunk has a pre-drilled base into which one of these wooden retaining pins can be inserted. They're designed to be glued into place with superglue.

5



The wooden retaining block is designed to help the tree stand as you build it. You only have two hands to work with and some of the branches are fiddly. I'm gluing this pin into the base permanently with superglue.

6



Inside the packs you'll find a variety of small twigs. I'm not sure which plant these are from, but they make excellent branches. Select carefully, though, because some are too wide for the trunks, but can be used on the forest floor.

7



Twigs vary in size and diameter, so rather than change drill bits for each branch, I've set up these two pin vices with the most common sizes. Simple tasks like this can speed up a project.

8



Aiming for one of the many grooves in the side of the trunk, I'm lightly twisting the pin vice back and forth, being careful not to protrude through the other side of the trunk.

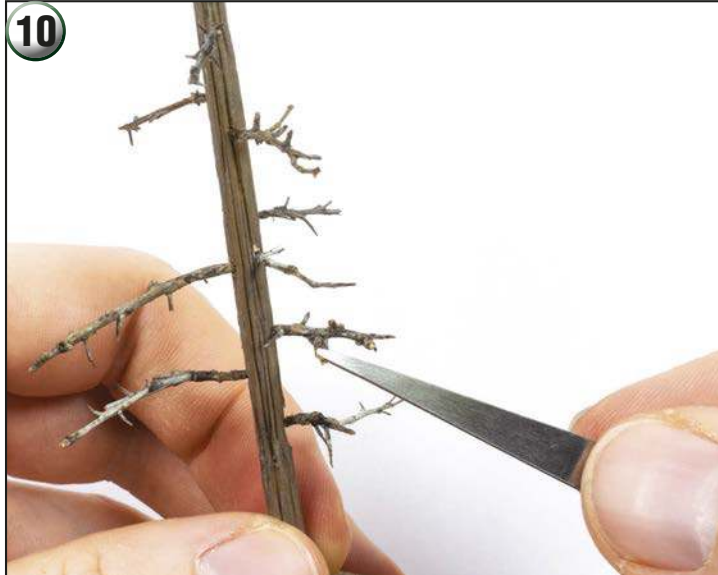
9



Branches are test-fitted without glue with tweezers, then dabbed into a pool of Roket Hot superglue from Deluxe Materials. Larger branches are mid-way along the trunk, with thinner, smaller branches toward the top and bottom.

with visions of some of the amazing trees seen on American logging layouts, I was keen to test them out

10



Adjust each branch to taper down a little, rather than point up in the air. Rotate each branch in its hole to obtain lateral branches and remove over-sized branches by snapping them with tweezers, as shown.



I'm applying the branches in a random fashion. I'm not looking for perfect 90-degree separation between each one because that's not what happens in Nature. The intervals between each are random too.



The green matting supplied with the kit is coarse and I find it difficult to work with. It's partly the reason why I'm deviating from the instructions, which recommend fitting it in layers, interspersed with the branches. Instead, I'm tearing it into smaller pieces which must be thinned before fitting it over each branch.



A dab of superglue on each branch helps secure the matting in place. Don't worry too much about the lack of greenery at this stage - two bags of scenic scatter material are included.



Adding branches at the top of the trees becomes difficult because the holes required weaken the tips. Instead, leave them bare and add foliage directly to the top if required - you won't see the branches anyway.



Branches stem from the same point on a tree, so this bird's nest of a matting must be cut to resemble the same. Easier said than done, however, so I'm trying my best with scissors to tidy things up.



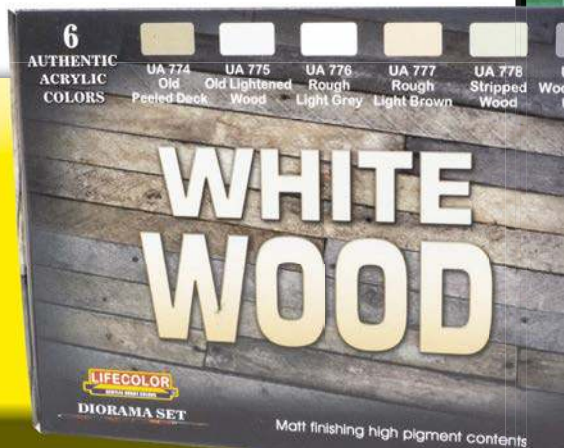
A good application of hairspray or spray mount to make the foliage pads sticky is a great starting point before adding the scatter included. The darker green is useful for healthy trees, the browner green ideal for representing trees under stress.



Note how the tree tapers in width. At the top it's narrow, with a wider spread at a third of its height with older branches. Branches thin in width and length to two thirds of the height of the tree, beyond it's bare. The bottom third of the tree has shorter branches which lost light as the tree canopy grew, and so ceased to grow.

A STEP FURTHER

The white wood pack from Lifecolor contains all the commonly seen hues of wood and is perfect for adding detail to the trunks of the trees. Add highlights, shadows or create deadwood effects with its lighter hues. See more at: www.airbrushes.com



HARDER & STEENBECK



flexible system architecture
#notools



threadless nozzle
#notools

with our new needle design



more detail more control less tip dry harder material

PAINT EASY THE HARDER WAY

www.harder-airbrush.eu

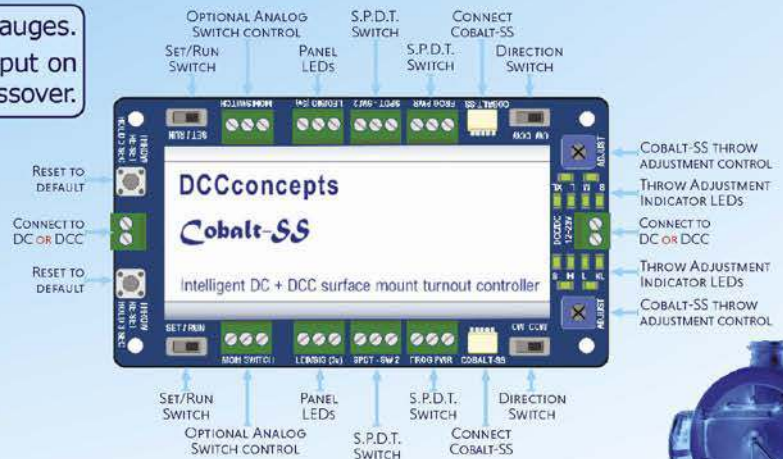
DCC thinking outside the square
concepts

Cobalt-SS

Cobalt-SS. The ultra-small motor drive turnout motor, ready to go "as is" to use with DC or DCC. So small that it can be almost hidden in the ballast, yet strong enough for all common scales. Very stable stepper motors provide the drive power... and all motor connections are plug-and-play.

Cobalt-SS works with all common scales & gauges. All you will need is in every pack. Each output on the control board is able to operate a full crossover.

This picture of Cobalt-SS is presented here full size



DCCconcepts Ltd., Unit E, The Sidings, Settle, North Yorkshire, BD24 9RP, UK

We welcome modellers in all scales and prototypes... and those knowledgeable, specialised dealers who learn about the products they sell and care about their customers from all around the world.

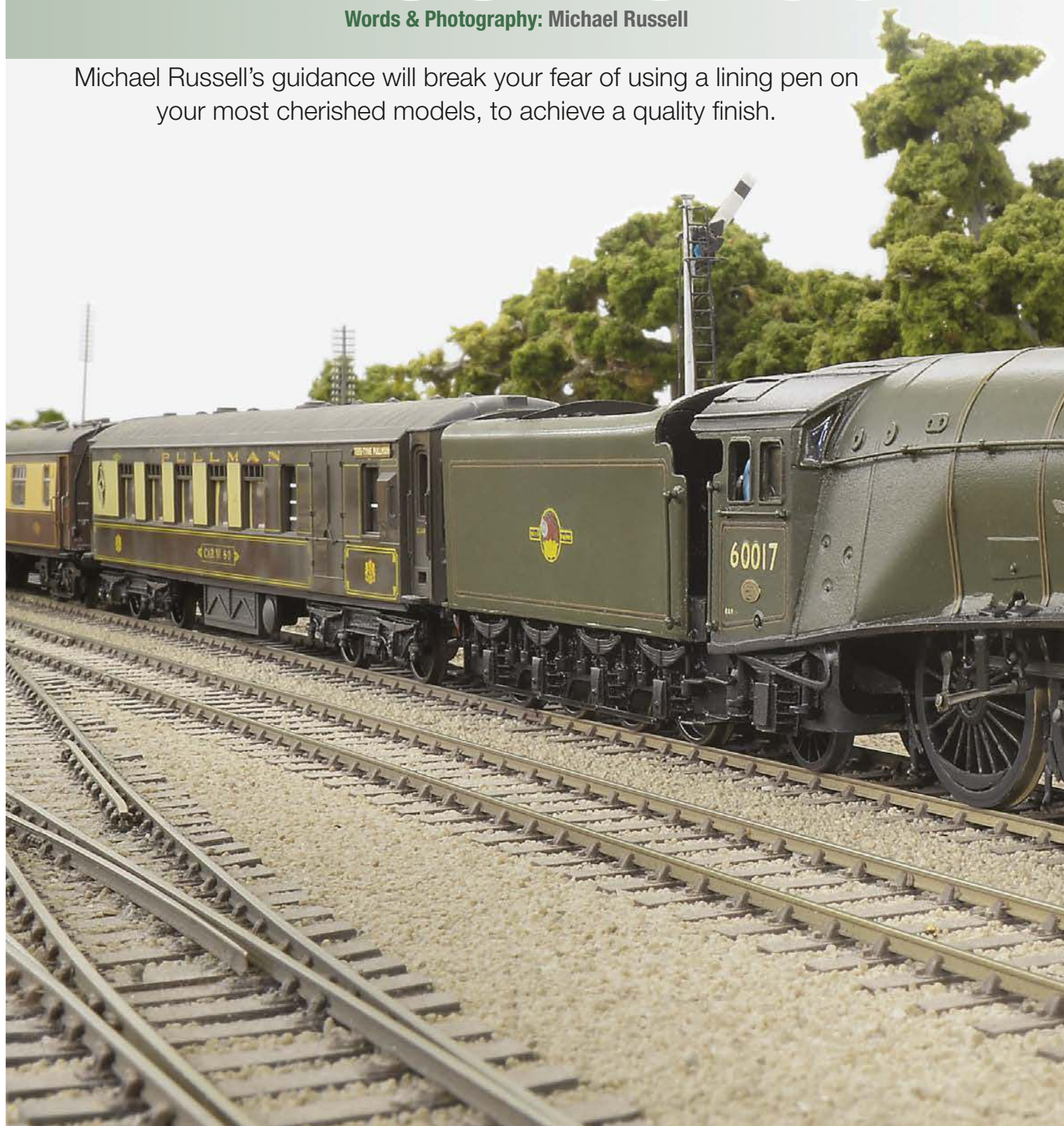
Ph +44 (0) 1729 821 080 * sales@dccconcepts.com * www.dccconcepts.com

SKILL LEVEL - INTERMEDIATE

HOW TO... **LINE YOUR STOCK**

Words & Photography: Michael Russell

Michael Russell's guidance will break your fear of using a lining pen on your most cherished models, to achieve a quality finish.



Lining is an important step in finishing many models of rolling stock, especially from the steam era. Transfers can be used for lining, but perhaps you only have a small amount to do, or you can't obtain a set that matches your exact requirements. Additionally, lining using transfers is a slow process and much quicker results can be achieved using a pen and paints or inks. It is a technique that requires practice though, so don't start lining models until you're confident of your abilities – start

with plastic card and old models first.

The real challenge when lining is to achieve narrow lines. You will not be able to reproduce scale lining except on the larger scales, but anything that can be done to minimise the overstatement is worthwhile. A bow pen can produce very thin lines, but needs carefully setting up and handling. An alternative technique, using cheaply available gel pens, is demonstrated here and I have found that this is a reliable way of producing lines of about 0.5mm. ■

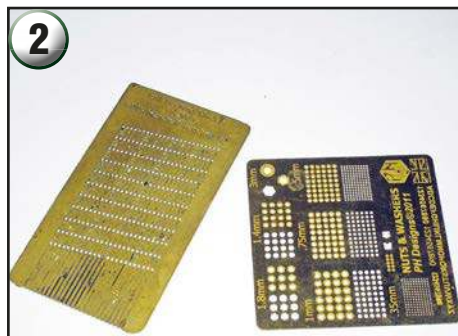


An example of professional painting and lining by Geoff Haynes. Geoff painted, lined and weathered this South Eastern Finecast A4, built in OO gauge by Tony Wright. Look out for his techniques in a forthcoming book from Crowood.

Preparation



Ensure the surface that requires lining is clean and dry. I recommend lining onto gloss surfaces as mistakes are easier to rectify. Johnsons' Klear is a popular choice of material to quickly coat a matt surface ready for lining and transfer application. It also produces good results when applied by brush.



Get some templates ready. I use small brass jigs intended for others uses, but they are easy to handle due to their small size and have rounded ends ideal for lining corners. Something flexible, like an old credit card, is useful for a curved surface such as a boiler.



Now mark out the lining using a chalk or water soluble pencil. You can easily adjust the position if you are unhappy by using a damp cloth. Simply follow the guide lines when it comes to adding the paint or ink. Read on and we'll explain how to use both a bow and glue pen.

POINTS TO NOTE...

- If the paint doesn't flow, ensure that there is a gap between the pen blades. Thin the paint a little – don't overdo it though otherwise the paint will spread out on the surface and ruin your neat lines.
- The paint will dry up in the bow pen and will eventually cease to flow. You need to clean the pen and refill it at this stage. To keep the lining the same thickness, avoid altering the blade settings wherever possible. Try passing a towel soaked in thinners between the blades.
- Acrylic paint dries a little too quickly for lining purposes. Add some retarder to slow down the drying time.
- Remove mistakes using a cocktail stick and an appropriate thinner.
- If you haven't done some lining for a while, or are a beginner, hone your skills by practising on some scrap plastic card. It is much easier to learn on a flat surface and without any detailing in the way.
- To line awkward areas, make a bespoke template from plastic card to draw around. E.g. splashers.
- When lining using multiple colours, ensure the first colour is dry before commencing with the second.
- When producing lining that consists of three lines, you may find better results are achieved by using just two lines. Make the first line thick and add a second narrower line within the previously-applied line.

Using a bow pen



Bow pens are freely available, often as sets, and you may find one second hand. They can also be purchased new for a nominal sum.



Inspect your bow pen and ensure that the ink-holding section between the blades is clean and that the ends meet to form a point. You can polish the blades using fine grade abrasive paper to correct any irregularities.



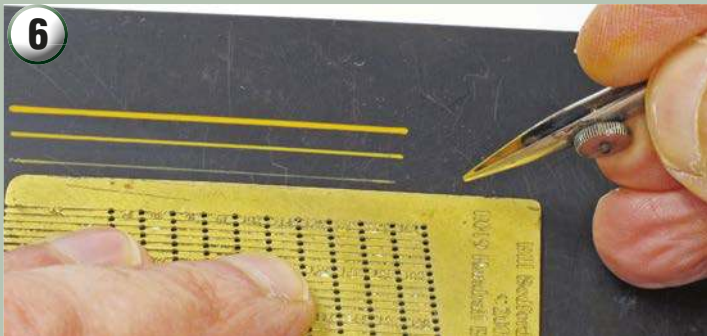
To ensure that the part of the blades that will be in contact with the surface to be lined are slightly flat, draw the pen along some fine abrasive paper for a length of about 3cm. Do this on each side so that you can use the pen either way round.



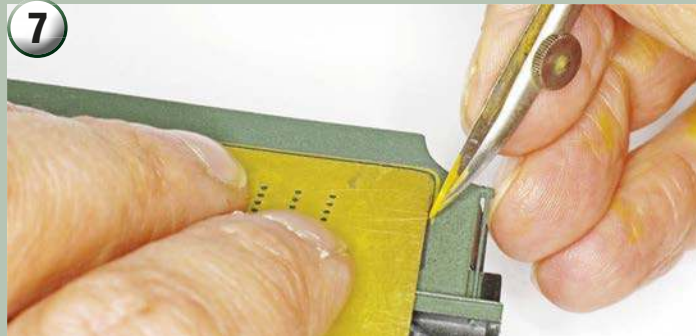
Before loading with paint, you may like to try lubricating the blades by dipping the tips into vegetable oil. This is said to improve paint flow. Dry them off afterwards with some paper towel.



Use well-mixed, undiluted enamel or acrylic paint from a fresh tin and dip the pen into the container or load using a brush. Use a paper towel to clean off any paint on the outside of the blades.



Try the pen on some plastic card to ensure that the paint is flowing. Adjust the blades to the correct width for the line you are producing.



Use a template to draw around and don't press on too hard otherwise you may scratch the existing paintwork.

Using a Gel pen



If you can't get on with a bow pen then there is an alternative that you may like to try that will reliably produce a line of about 0.5mm. You will need a gel pen and some acrylic ink.



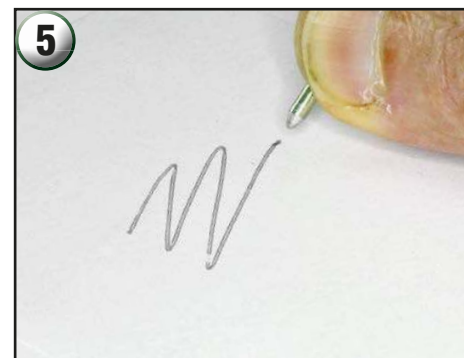
Disassemble the pen and remove the ball point end from the ink tube using some pliers. Warning: Keep the assembly horizontal because the gel ink is now able to freely flow from either end of the insert.



Decant the gel ink into a holder. You may want to blow gently from one end to facilitate this



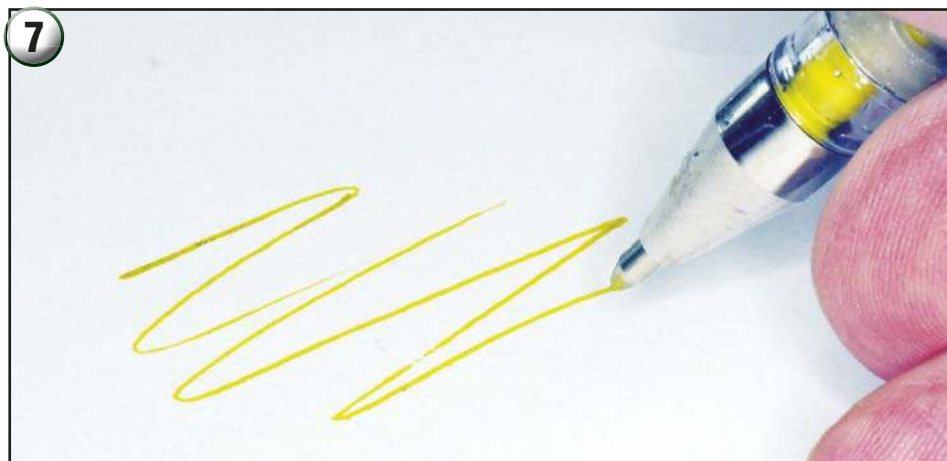
Now use a pipe cleaner soaked in airbrush thinners to remove any residue of gel ink.



You need to remove excess gel ink from the ballpoint section of the pen. Draw lines until the ink is exhausted.



Draw some of the acrylic ink using a syringe, such as those found in inkjet printer refill kits, and inject this into the ink tube. Move the syringe backwards doing so until the ink is at the end of the tube. Now replace the ballpoint section.



Reassemble the pen and try it out on some scrap paper. After a few seconds, the ink should begin to flow. You will need to repeat the whole process using a new gel pen for each different colour required for your lining.

CONCLUSION

As you'll see, it's easier than you would have thought to effectively line your locomotives and the end result is impressive. It takes an element of trial and error hence I suggest you practise on less expensive models before attempting it on your prized possessions. Give it a go, you'll surprise yourself.

WARLEY ANNOUNCEMENTS

Another successful model railway show at the NEC saw manufacturers unveil new model plans in front of thousands of enthusiasts. Here's our pick from the largest stories...

ACCURASCALE CLASS 55 'DELTIC'

WHAT: OO scale model of EE Class 55 'Deltic' locomotive.

17 variants covering all eras, plus exclusives for retail partners.

WHEN: Expected late-2019

PRICES: £160 DCC-ready, £250 DCC-fitted

AVAILABILITY: www accurascale.co.uk, with exclusives for Locomotionmodels (www locomotionmodels.com), Rails of Sheffield (www railsofsheffield.com) and The Deltic Preservation Society (thedps.co.uk)



HELJAN CLASS 86

WHAT: OO scale re-tooled model of Class 86 (AL6) locomotive in as-built condition. Seven livery variants proposed.

WHEN: Expected late-2019

PRICES: TBC

AVAILABILITY: www.heljan.dk or your local stockist

HELJAN CLASS 17

WHAT: O scale model of short-lived 'pick-up' freight Class 17 locomotive. Four livery variants proposed, including one weathered.

WHEN: Expected early 2019

PRICES: TBC

AVAILABILITY: www.heljan.dk or your local stockist



HELJAN 'BALDWIN' 2-4-2T

WHAT: OO9 scale model of Baldwin 2-4-2T Lynton & Barnstaple Railway locomotive. Five proposed liveries, including undecorated black for freelance model railways.

WHEN: Expected 2020

PRICES: TBC

AVAILABILITY: www.heljan.dk or your local stockist

HATTON'S BEYER GARRATT 2-6-0 0-6-2

WHAT: N gauge model of LMS Beyer Garratt articulated locomotive.

Rocking bunker version as fitted to the locomotives early in their lives.

Eight livery variants proposed.

WHEN: Expected January 2020

PRICES: £199

AVAILABILITY: www.hattons.co.uk/ngarratt





HATTON'S PLASSER & THEURER CRANE

WHAT: OO gauge model of General Purpose Crane (GPC), built in the 1970s and often used in pairs unloading track panels until the mid-2000s. Ten versions announced (as-built to present-day).

WHEN: Expected January 2020

PRICES: £69 (each) **AVAILABILITY:** www.hattons.co.uk/GPC

KR MODELS GT3 LOCOMOTIVE

WHAT: OO gauge model of EE Gas-Turbine locomotive GT3.

N gauge version rumoured if sufficient demand.

WHEN: Expected December 2019

PRICES: £185 DCC-ready, £275 DCC-sound fitted

AVAILABILITY: www.krmodels.co.uk



REVOLUTION TRAINS MMA/JNA-T WAGONS

WHAT: OO gauge model of MMA/JNA bogie box wagons as used by DB Cargo, GBRf, VTG, Mendip Rail and Ermewa/Tarma. Nine or 11 vertical strengthening rib variants, with or without bodyside doors, offering four configurations. Five combinations being offered, of which two exclusive to Kernow Model Rail Centre.

WHEN: Expected Q2, 2019

PRICE: RRP £55.49 (£49.99 Kernow Model Rail Centre)

AVAILABILITY: www.revolutiontrains.com and www.kernowmodelrailcentre.com

REVOLUTION TRAINS GWR 56XX LOCOMOTIVE

WHAT: N gauge model of the GWR 0-6-2T GWR 56XX Class locomotive.

To be produced in GWR green, BR green or BR black. Driving wheel balance weight and safety valve variants being produced.

WHEN: Expected Q4, 2019

PRICE: TBC

AVAILABILITY: www.revolutiontrains.com or your local stockist



BACHMANN PROGRESS REPORT

Bachmann's stand had a number of Engineering Prototype samples on display at the Warley Show in the Bachmann Collectors Club Members Lounge, several of which were being shown in public for the first time:



Bachmann Branchline OO scale Class 159 three-car DMU (1st EP)

PRICE: RRP £309.95

AVAILABILITY: www.bachmann.co.uk or your local stockist



Graham Farish N scale Class 8F Steam Locomotive (1st EP)

PRICE: RRP £159.95



Graham Farish N scale BR MK2F Coaches (five types – 1st EPs)

PRICE: RRP £42.95 each (£44.95 for DBSO variant)

Missed us at Warley?

Give us a call or click through to our website for more information



LX200-00 Yard Lighting Tower (50ft)
Only £7.99

Incredibly sturdy laserboard kit.
Working illumination option available soon!
Choice of ladder configurations.

LASER CUT TRACKSIDE ACCESSORIES IN OO



AX099-00 Orange Barrier Fencing
Only £4.99



Order online or call **01530 456952**

LOCOMOTION
FOLLOW US
@LocomotionSHD







Accurascale OO scale Deltic Due 2019

www.locomotionmodels.com the NRM's online model shop
Locomotion, Shildon, County Durham, DL4 2RE Tel: **01904 685785**

RAILWAY MUSEUM



Visit the Locomotion Museum Shop for:







All prices and offers subject to change without notice.











Custom etched nameplates, number plates and works plates for all scales, configured to your needs.
Full range and prices online, or send an SAE for list.






And a growing range of easy to build kits in 009 and 006.5!

www.narrowplanet.co.uk

Narrow Planet, PO Box 297, Bexhill-on-Sea, TN40 9HF

ADM TURNTABLES - INDEXING DRIVE SYSTEMS

W www.admturntables.co.uk
T 01933 411127
E alastair@admturntables.co.uk

'One of the best quality turntable drive units currently on the market'
BRM Magazine

ADM Indexing Drive Systems for 'N' and 'OO' gauge layouts:**

- Based on a commercially available turntable uniquely having the bridge live through 360 degrees, preventing breaks in sound equipped locos
- Is a quiet running system, driven by a toothed belt; powered by a stepper motor with up to 100 programmable indexing positions which we think makes it the ultimate 'indexing' turntable solution

** drive systems also available for other sized layouts



For more information please take a look at our website
www.admturntables.co.uk





Registration is now open to reserve your model of English Electric gas turbine GT3.

Please visit www.krmodels.co.uk/gt3-gas-turbine and fill in the details
(Deposits are not required at this stage)

PETITE PROPERTIES

NEW 2mm STREET SCENES

LOW RELIEF



+ 360°



1:148 kits from £3.50

www.petite-properties.com 01526 328 738

TASMA PRODUCTS (00901) RUNNER BEANS 20 PACK

0



Would your layout benefit from a vegetable patch or allotment? This runner bean plant pack might be a good first port of call from the selection of products made by scenic manufacturer, Tasma. Packaging states the sticks are 1-1.5in high, though most are 2in - a scale 12ft in height for 00 gauge! The Model Tree Shop website describes these as 00/HO scale, though they are better suited to 0 gauge, unless the cocktail stick supports are broken in half.

Price: £7.00

W: www.themodeltreeshop.co.uk

TRAIN-TECH (SD1) SMART SCREEN

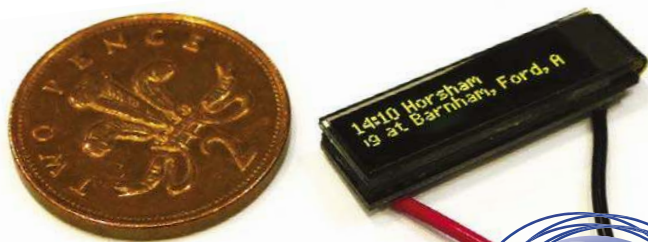
00

Train-Tech's new miniature animated screen solution can display custom messages and is ideal for fitting to modern stations or inside trains to display destinations. Each device is self-contained with no complicated wiring or circuit boards. Connect the two wires to a DC power source, or thanks to its built-in decoder, a DCC power source and it'll work.

Smart Screens can display multiple screens which can be triggered by inputs such as switches, DCC commands or track sensors which can be used to show a different screen as each train passes. A demo display is supplied, but all messages can be customised. When on DCC power, the display can monitor the train direction and display a different message depending on its direction of travel.

Price: SD1 (single): £50, SD2 (twin-pack): £90

W: www.train-tech.com



See it in
action at
[www.brmm.ag/
SmartScreen](http://www.brmm.ag/SmartScreen)



FLINTS THEATRICAL CHANDLERS BASEBOARD LOCKS

Looking for a bolt-free solution to fix your baseboards together? Ideal for a quick installation at an exhibition or at home, these rotating latch and receptacle fasteners are secured with tabs on each housing. The latch and receptacle each require a 88 x 17mm mortise in the panel, 88 x 17 x 19mm deep. These are exact sizes, so some clearance may be needed. Each latch requires an Allen key to turn, though use in combination with alignment dowels for best results.

Price: Latch: £7.90, Receptacle: £2.57

W: www.shop.flints.co.uk

AUHAGEN (80101) EXTERNAL STAIRCASE

00



If you aren't familiar with the comprehensive modular warehouse building system from Auhagen, visit Golden Valley Hobbies' website and see how closely some of these Germanic buildings mimic common examples of British industrial architecture. Though it's probably easier to build them as intended to make workshops, sheds or factories, many items from the range are ideal for use on scratch-building projects or when 'kit-bashing'. Its external staircase makes an ideal fire escape and saves a lot of time bending handrails.

Price: £11.36

W: www.goldenvalleyhobbies.com

GAUGEMASTER (GMKD75) AND (GMKD76) FIGURE PACKS AND (GMKD50) BENCHES



N

It's often the small details which complete the look of a layout or diorama. Gaugemaster carries a sizeable stock of small packs to add extra detail to large open spaces, streets, platforms or buildings. New arrivals this month include two figure sets - (GMKD75) Making the Delivery (top) and (GMKD76) Lunch Break, (centre). The latter is ideal for using with its (GMKD50) Benches (bottom). All are pre-painted and ready to be added to your layout or miniature scene.

Price: £2.95 each

W: www.gaugemaster.com

ENGLISH MODEL RAILWAYS 3D PRINTED MODULAR VIADUCT

00



Released this month from 3D printed kit specialist, English Model Railways is a viaduct kit based on the two which cross the River Lune on the now disused line between Caton and Lancaster.

The originals are almost identical, each with five spans, but the manufacturer has catered for most model railways by offering the viaduct kit as a starter set with two spans and an optional one span extension. The kit has 47 parts including one column, and two abutments.

Price: £39.90

W: www.englishmodelrailways.shop

Working closely with the model railway retailer network, Hornby have compiled a series of train sets and packs for the modeller who wants that something extra.



Signature

Special Hornby Train Sets aimed squarely at new to the hobby enthusiasts.

Each set includes a top of the range locomotive and a selection of equally detailed rolling stock, together with an oval of track, a Track Plans Book and the exceptional twin controller, the HM2000.

To view the full collection visit www.hornby.com or contact your local model shop from the list provided.

EAST Lincs SPECIAL R1244



BR, B17/4 Class, 4-6-0, 61619 'Welbeck Abbey' Early BR - Era 4



4 Plank Wagon, North Bitchburn Coal Co. Ltd - Era 3



6 Plank Wagon, London Brick Company - Era 3



4 Plank Wagon, Hingley & Sons Ltd - Era 3



Conflat A & Container, British Railways - Era 4



Dia.1529 Cattle Wagon, British Railways - Era 4

Stockists include:

AB2 Models, AC Models, Access Models, Antics, Arcadia Models, Ashton Model Centre, Aspire, Buffers Model Railways, Cheltenham Model Centre, Crafty Hobbies, DB Models, Derails, Dorking Models, EKM Exhibitions, FMR Direct, Frank Herring and Sons, Frome Model Centre, Gloucestershire Warwickshire, Great Eastern, Grimy Times, Hereford Model Centre, High Peak Models, Holt Model Railways, Howe and Davis, Island Railway Shop, John Dufield, Kernow, KS Models, Londons, Lord and Butler, Loughborough Models, Malcs Models, Marway, MC Slots, Millennium Models, Model Railway Solutions, Model Railways Direct, Modelmaniacs, Morris Models, MT Games, Orwell Railway, Pontypool and Blaenavon, Salisbury Model Centre, SAT Model Rail, Sawyer Models, Signals, SMTF, Something Wicked, South Devon Railway, TerraScenic, The Engine Shed, The Model Shop - Exeter, The Railway Conductor, TMC, Topp Trains, Train Shop, Train Times, Trains 4U, Trainstop, Tutbury Models, Wilcor Models.

PRESENTED
IN A SPECIALLY
BRANDED BOX

SOLD
EXCLUSIVELY
VIA HORNBY
STOCKISTS

For more information visit www.hornby.com or contact your local model shop from the list provided

HORNBY (R3681) LMS PRINCESS CORONATION CLASS 4-6-0 No. 6241 CITY OF EDINBURGH

00



Coronation 'Pacific' No. 6241 *City of Edinburgh* was built streamlined at Crewe and entered traffic at Camden on April 13, 1940, paired with tender 9804. The streamlined casing was removed on February 2, 1947 whilst the locomotive was still at Camden, a shed where No. 6241 spent the majority of its working life. In storage between November 1962 and February 1963, then again between October 1963 and March 1964, the locomotive was withdrawn in September 1964.

Price: £204.99

W: www.hornby.com

DAPOL FIVE- AND SEVEN-PLANK WAGONS - GAUGEMASTER EXCLUSIVE

0



New to arrive with Gaugemaster this month are two wagon exclusives from Dapol, supplied in a Gaugemaster-coloured outer sleeve. The first, a seven plank displaying the livery of South & Gasson (Brighton) in weathered dark brown as No. 105 carries the owner's address, 21B Ship Street. For a cleaner-looking and non-weathered example, take a look at its five-plank Corral & Co. Ltd Brighton wagon - a vibrant livery that's sure to add impact in a rake.

Price: Seven-plank (GM7410202): £49.95, Five-plank (GM7410101): £48.95

W: www.gaugemaster.com

GAUGEMASTER (GM655) HOT GLUE GUN



A hot glue gun is a useful tool when building model railway scenery from layers of foam or cardboard. The fast drying time of the glue, combined with its strength and compatibility with numerous sub-strata are a bonus for modellers looking to make rapid progress with a project. Also useful for keeping wires tidy under baseboards, fixing larger trees underneath scenery or lighting inside buildings. Supplied with three glue refills.

Price: £12.95

W: www.gaugemaster.com

FALLER (222212) DIESEL OIL FACILITY KIT

N

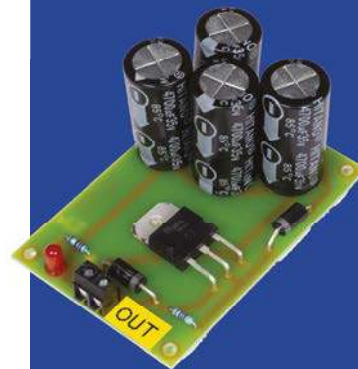
An ideal modelling project for these long winter nights is this injection-moulded plastic diesel oil facility from Faller. Comprising of numerous crisp injection-moulded components, it could be used on a Traction Maintenance Depot (TMD), bus depot, or adapted to suit a farm. A large vertical tank with ladder, two long horizontal tanks with walkway, a pump house and two fuelling shelters are provided. All you need is a sharp knife, plastic glue and some files to complete.

Price: £39.00

W: www.gaugemaster.com



ALL COMPONENTS (HDCDU) HEAVY DUTY CAPACITOR DISCHARGE UNIT



When using solenoid motors on your turnouts, you'll need a Capacitor Discharge Unit (CDU) to deliver a high amount of current in a short burst to avoid burning out motors. All Components CDU is a heavy-duty circuit board which can change up to 12 points at once. Use in conjunction with a 5A rated switch and 6A rated wire for best results. An LED indicates the power status of the board and helpful instructions show how it should be wired.

Price: £15.95

W: www.allcomponentsltd.co.uk

EXCALIBUR GAMES: TRACKS FOR PC



Tracks is a downloadable 3D game for PC where players build a wooden train set. Play with track shapes and configurations beyond the limitations of traditional sets from Brio. Construct elaborate systems and experiment with physics, direction and speed across junctions, turntables and roller coaster-like inclines.

Design your own world with buildings, trees, fountains, animals and people or customise it with seasonal items such as circus sets or Christmas themes.

Price: £14.99

W: www.excalibur-games.com

SCALE MODEL SCENERY CATENARY STRUCTURES

Words & Photography: Simon Bendall

Now available from Scale Model Scenery is a range of overhead line electrification structures in 4mm scale - six laser-cut kits offering a modular system to suit a number of requirements. The four main packs between them cater

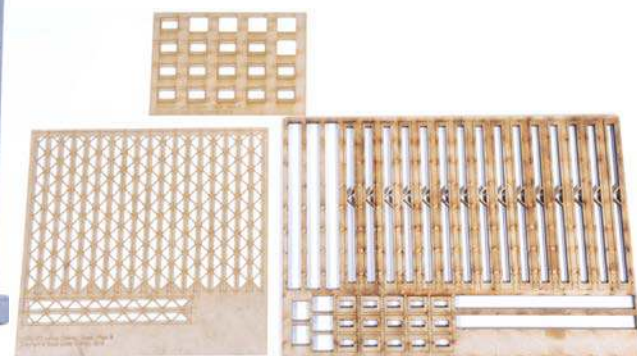
for two types of vertical masts and two types of crossbeam, but don't include the other elements required for a fully-fledged electrification system, such as registration arms, hangers, cables and insulators.

Taking the posts first, Pack A contains ladder type masts while Pack B allows for

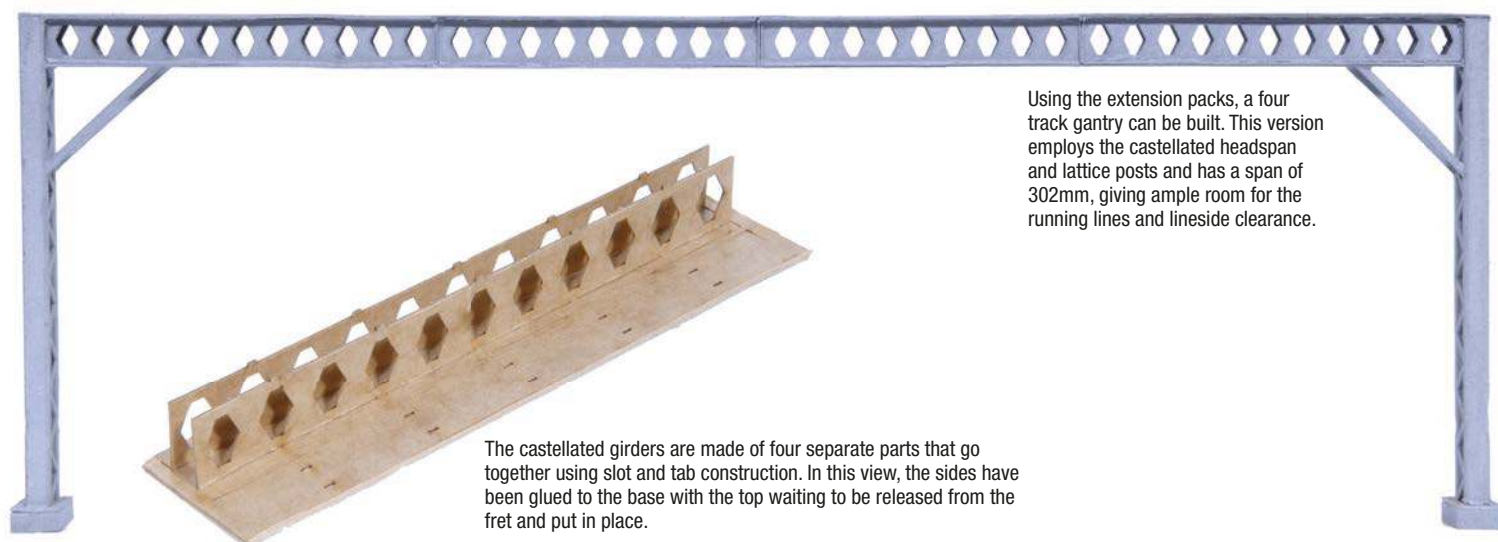
the construction of lattice style masts. Both types employ a central core of 4mm thick medium density fibreboard (MDF) for both the mast and its base, to which are added laserboard overlays. These give the masts their surface detail and include bolt heads on the base, with each post constructed from five parts. A completed post stands 106mm

The laser-cut kits can build a variety of electrification gantries, this double track version employing both the lattice masts and headspan girders

Another double track gantry, this time using the castellated girders and ladder style masts.



Similar good design is shown by the masts, this being the lattice type, with some parts already removed for construction. On the right are the MDF formers with two laserboard sheets alongside featuring the mast and base overlays. The kit for the ladder type masts is much the same.



Using the extension packs, a four track gantry can be built. This version employs the castellated headspan and lattice posts and has a span of 302mm, giving ample room for the running lines and lineside clearance.

The castellated girders are made of four separate parts that go together using slot and tab construction. In this view, the sides have been glued to the base with the top waiting to be released from the fret and put in place.

tall, including the base, with the latter having a footprint of 10mm by 12mm. Each pack contains 20 masts.

To accompany the posts, two packs of crossbeams or headspan girders are also available with Pack C used to make a lattice style while Pack D covers a castellated design. Both types are made from laserboard with the lattice type including an assembly jig of MDF to help form the girders.

Sufficient parts are included to allow the construction of ten double track beams with two spares provided in case of mistakes. In both cases, the girders are sized to span a double track that employs standard Hornby or Peco Setrack spacing with the lattice beam being 76mm long and the castellated one at 79mm.

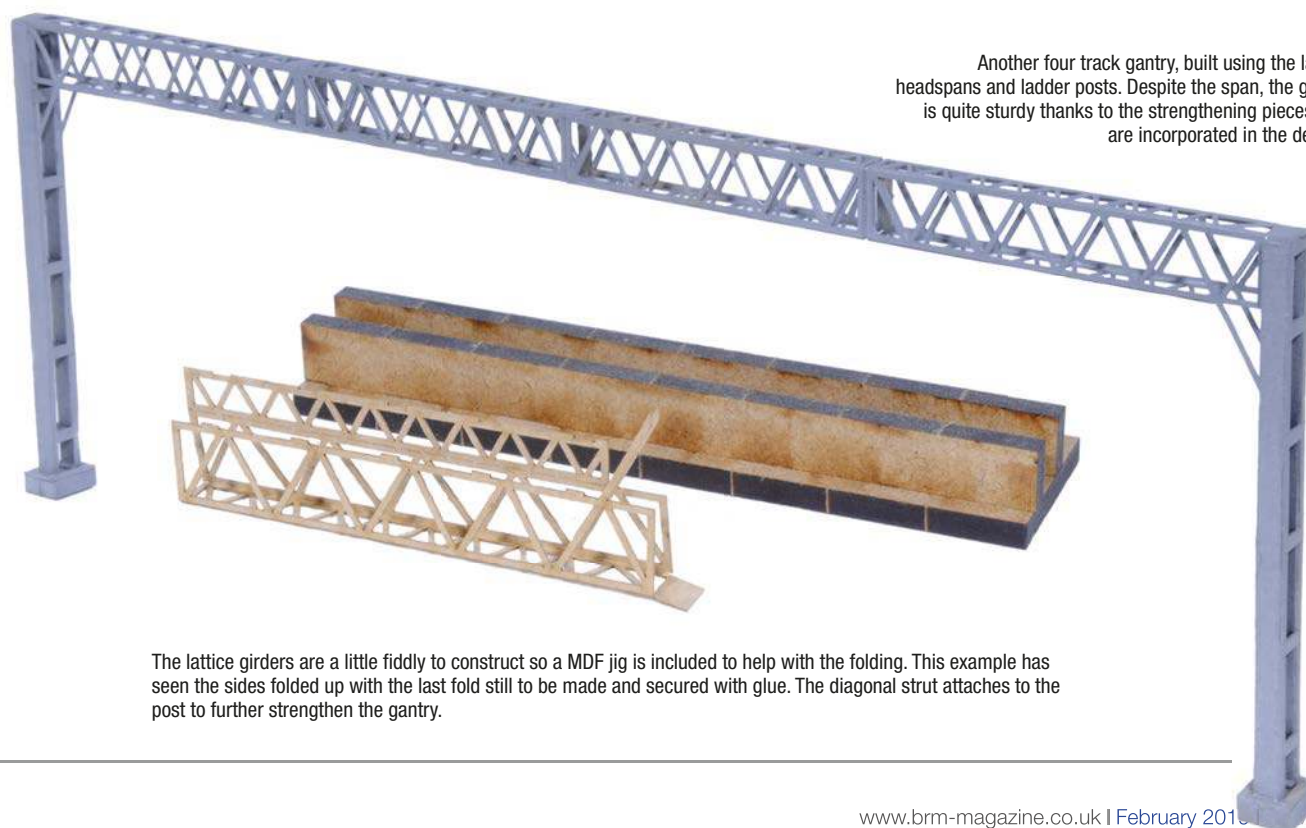
Completing the range are two headspan extension packs to match the main kits, Packs E and F covering the lattice and castellated styles respectively. Each contains over 20 girder sections of 68mm in length which can be inserted between the girders of the main kits to create three or four track formations. Each of the extension girders has bracing to help maintain structural integrity. By mixing posts and girders, it is possible to create four different types of overhead line structure that can be tailored to suit two, three or four tracks.

Going electric

Construction began with the masts, the assembly of the ladder and lattice designs being largely identical. The MDF core for

each mast and base was cut from the sheet, and rough edges cleaned using a fine file. The mast cores were glued into the base sections, with the laserboard overlays for the bases slid into place and secured, ensuring the bolt head detail is on the top. These were left to dry before adding the laserboard overlays to the sides of the masts, ensuring the cross-struts were aligned. The instructions recommend using Deluxe Materials' 'Roket Card Glue' but PVA woodworking glue was effective.

The next element to be tackled was the lattice girder headspans. These are a little fragile so some care was needed in releasing them from the fret and forming them to shape. The laserboard has half cut lines on the folds to assist in the bending while the



Another four track gantry, built using the lattice headspans and ladder posts. Despite the span, the gantry is quite sturdy thanks to the strengthening pieces that are incorporated in the design.

The lattice girders are a little fiddly to construct so a MDF jig is included to help with the folding. This example has seen the sides folded up with the last fold still to be made and secured with glue. The diagonal strut attaches to the post to further strengthen the gantry.

jig was very useful for holding the girder while the first glue application dried. Two sections were needed for a double track span so lattice joining pieces are supplied to interlace between the two, creating a strong joint once everything is glued together.

The castellated headspans are formed from four separate components, namely the top and bottom plates of the girder and the two side sections. The former have laser cut slots that accommodate small tags provided on the edges of the side sections, these being glued together. While it is a little fiddly to engage all the slots and tabs as you glue, it can be done. The instructions recommend gluing the sides into the bottom section while the latter is still on the fret, after which the top piece can be fitted.

For a double track span, two castellated beams are needed and these were initially glued end to end. To give additional strength, flat strips of laserboard are supplied to glue top and bottom, these being long enough to go the whole length of the two beams and cover the joints. The end result is perhaps less elegant in its look, though, compared to the lattice style, given the extra joints involved.

Masts up

The joining of the masts and headspan girders needs to be done carefully to ensure that everything is at right angles with nothing twisted. The first corner joint for each type was made by placing the mast and headspan on a flat piece of scrap board and using weights to hold them in place while the glue dried. The joint was then checked with a try square to ensure that it was at 90°. The second joint was formed in the same way, once the first had dried firmly.

All of the parts are supplied with a natural wood finish so require painting; an airbrush being very useful here as it helps get an even coverage on the inside of the components. To achieve the unpainted galvanised look of real electrification structures, a mix of Humbrol metallic silver (No.11) and aluminium (No. 56) in equal parts was used.

Although the kits only provide the gantries with none of the other fittings, they give a good and surprisingly robust representation of typical designs as well as being fairly quick and easy to construct. The instructions suggest that the smaller details could be sourced from the Dapol or Viessmann ranges. Of course, there is also some scope to use the components as wagon loads for those not wanting to install the wires. ■

datafile

BASICS

CATALOGUE REFS:

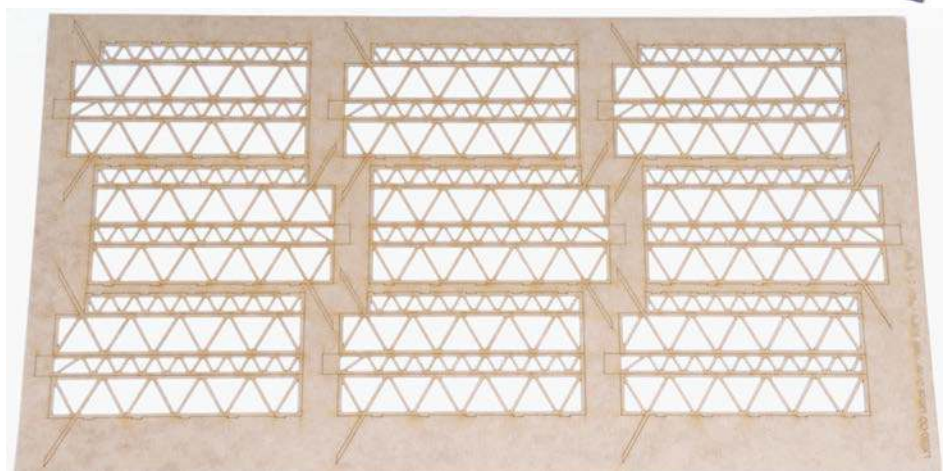
LX050-OO Pack A Ladder Catenary Masts
LX050-OO Pack B Lattice Catenary Masts
LX050-OO Pack C Lattice Girder Catenary Headspans
LX050-OO Pack D Castellated Beam Catenary Headspans

LX050-OO Pack E Lattice Girder Catenary Extension Pack
LX050-OO Pack F Castellated Beam Catenary Extension Pack

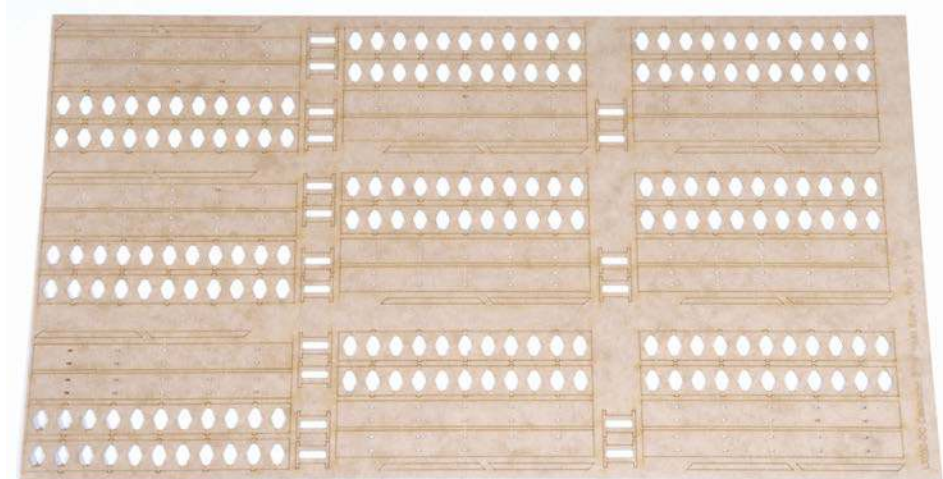
RRP: Packs A-D £14.99 each, Packs E & F £12.99 each

SCALE: 16.5mm gauge, 1:76 scale OO

Both styles of mast have a MDF core to give sufficient strength, the post and base being shown after gluing together. Alongside is one of the laserboard overlays, which are glued over the top to give the detail.



A look at the lattice and castellated girders as supplied, Scale Model Scenery having clearly put a lot of thought into the design of the kits and their layout on the frets.





EXCLUSIVE READER OFFER



KIT BUILDING TOOLS



We've put together the perfect Beginner's Kit Building Tools Package at a discounted price. This pack has an RRP of £49.85 but we're offering this to BRM readers for just £39.85 (which includes P&P)!

- 1x Sanding block - 10mm
- 1x Craft Knife & A6 Cutting Mat set
- 1x A4-Self-Heal Cutting Mat • 1x 6" (150mm) Steel Rule (flexi)
- 1x 4" Engineers Square • 1x Reverse Action Fibre Grip Tweezers - Curved
- 1x LED Handheld Magnifier 2.5x

2 EASY WAYS TO BUY YOURS TODAY

CALL 01778 392002 (QUOTE: BRM SHESTO TOOL KIT)

ONLINE WWW.BRMM.AG/SHESTOREADEROFFER

Terms & Conditions – FREE UK POSTAGE ONLY. PLEASE ALLOW 28 DAYS FOR DELIVERY.

THE FESTIVAL OF BRITISH RAILWAY MODELLING

With over 30 hand-picked model railways and more than 80 quality traders, the 'Doncaster Show' is regarded as one of the UK's leading exhibitions. Here's why...

Essential information

VENUE

Doncaster Racecourse
Leger Way
Doncaster
DN2 6BB

WHEN

February 9 & 10, 2019

ADMISSION

Adult £9.00 (£8.00 in advance, or £7.00 for BRM subscribers in advance)
Child (5-16yrs) £4.50
Family (2 adults, 3 children) £27.00
Group Booking (10+ tickets) £7.00 each

OPENING TIMES

Saturday 10.00am-5.00pm
Sunday 10.00am-4.30pm

Doors open at 9.30am for pre-booked ticket holders

* A FREE shuttle bus service will be running approximately every 30 minutes on Saturday and Sunday between Doncaster Railway station and the venue.

FURTHER INFORMATION

www.world-of-railways.co.uk/shows

Britain's best model railways, a mass of leading retailers and specialist trade suppliers, a mix of clubs and societies plus inspiring modelling demonstrations...all reasons why thousands of like-minded railway modelling enthusiasts will be descending upon the Doncaster Racecourse on February 9 & 10.

The Festival of British Railway Modelling is a firm favourite in the modelling exhibition calendar. With 30 top layouts

covering mainly OO, N and O gauges, and a variety of eras, it's a great place to see these model railways in 'action'. It also allows you the opportunity to talk to the layout builders and ask them questions about their creations.

For many, a huge draw is the chance to grab a bargain or two. You'll find a wide variety of trade stands from leading retailers. Expect the latest new products from the hobby's biggest names, through to quality

second-hand 'bargains'. And, the chance to mingle among specialist trade suppliers is enough to keep modellers busy for hours!

The BRM Team of Howard Smith, Andy York and Phil Parker will all be at the show and have selected the layouts they are most looking forward to seeing. If you're not sure which layouts to check-out first, here are some suggestions: ■



Burton on Trent

Phil Parker says: it's scary to think that a station built in 1971 can be considered modern, but the architecture at Burton on Trent will remind modellers of a certain age of many municipal buildings from that era. The model depicts the scene perfectly and thanks to the use of finescale standards, it's an N gauge layout that really rewards close-up viewing.





Stamford East

Phil Parker says: as someone who has seriously looked at the prototype Stamford East station as a potential layout, I can really appreciate this as a model. N gauge has allowed the comprehensive track plan to be modelled in full without it looking cramped anywhere. The buildings, based on real structures still to be found in the town, are especially well-modelled and help give the layout just the right atmosphere.

Ellesmere

Andy York says: Phil Greaves' superb recreation of Ellesmere, as featured in BRM October 2016, faithfully captures the diverse workings of the former Cambrian railway in the Shropshire town in the late 1950s. It is a layout where you could spend a rewarding half an hour watching operations with a very friendly layout team.



Central Works

Andy York says: who can't wallow in some nostalgia, seeing train-loads of cars departing a 1950s' automotive factory? Luton Club's excellent 'Central Works' will stir the memories on a layout which includes some wonderful scratch- and kit-built locomotives, including the distinctive Ford diesel. The team is always happy to talk to show visitors.



The Art of Compromise

OK, it seems a little cheesy, picking one of our own projects, but then we're quite excited about 'The Art of Compromise'. This layout featured on the August 2018 'Scenery Special' episode of BRM TV. We've yet to rename the layout, however. Perhaps visitors to the BRM stand will be able to help choose a more suitable name to reflect its scenic transformation.

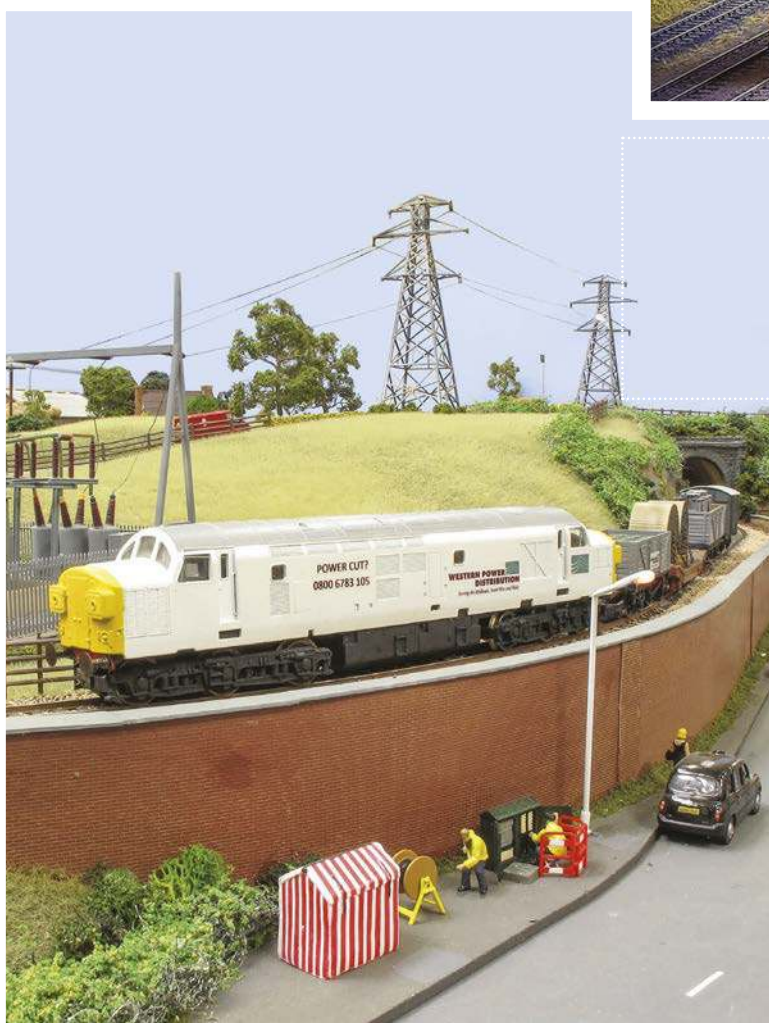
Charwelton

Howard Smith says: blue diesels from the 1980s are something that the original builders of Charwelton could never have imagined running on this large OO gauge tail-chaser. Its return to the exhibition circuit by new owners has seen a renovation of its scenery, as well as the installation of a DCC control system – get ready for some impressive sights and sounds! You won't be disappointed.



Power for Life

Howard Smith says: a great visual display is provided by this OO gauge layout, which highlights the dangers of the railway, electricity, building sites and roads to youngsters. It entertains as much as it teaches. If you've young children, bring them along and see how many dangers they can spot!



Trade list

- | | |
|----------------------------------|-----------------------------------|
| 247 Developments | Kernow Model Rail Centre Ltd. |
| 73082 Camelot Locomotive Society | Kyteslights |
| A1 Models | Layouts4U |
| Airframed Glass Display Cases | Lcut Creative |
| Andrews Hedgehog Hospital | LNER Society |
| Anoraks Anonymous | Megapoint Controllers |
| Axminster Tools & Machinery, | Merg - Model Electronics Railway |
| Warrington Store | Group |
| Black Dwarf Lightmoor | Mike Walkden |
| Book Law / Santona Publications | N Gauge Society |
| British Railway Modelling Mag | Nene Valley Railway Limited |
| Brushes4Models | Norski Noos Gallery |
| C & L Finescale | Northumbrian Painting Services |
| Canaan Country Ltd | OO Live Steam Club |
| Cheltenham Model Centre | P & D Marsh Models |
| Craftlights | Pen & Sword Books |
| Culcheth Model Railways | Pennine Models |
| D C Kits & D E Videos | Petite Properties |
| Dcp Microdevelopments Limited | Rails Of Sheffield |
| Deltic Preservation Society | Railway Memorabilia Shop |
| Demu | Replica Railways |
| Digitrains | Scenic Route Models |
| Doncaster And District Model | Severn Models |
| Railway Club | Shawplan Model Products |
| Doncaster P2 Cock O' The North | Skytrex 2013 Ltd |
| Trust | Steve Currinn Books |
| Doon Valley Models | Sweets Of Yesteryear |
| Eileen'S Emporium | Ten Commandments |
| Elaines Trains | The 2Mm Scale Association |
| Footplate / Flangeway | The E. M. Gauge Society Limited |
| Gdmk Images | The Gauge O Guild |
| Going Loco | The Hereford Model Centre |
| Gramodels | The Lancashire & Yorkshire |
| Great Northern Railway Society | Railway Soc. |
| Green Scene | The Sir Nigel Gresley Locomotive |
| H&A Models | Trust Ltd |
| Hafixs Industrial Products | Tmc Custom Finish Locomotives |
| Hippo Toys & Models | Tony's Trains At Barby Model Rail |
| Hobby Holidays | Tools 2000 |
| International Railway Index | Ttc Diecast |
| K & M Models | Wensleydale Railway Plc |
| Keen Systems | Wizard Models (Mse/51L) |

Layouts

Ballyconnell Road GNR(I)	15.75	Oldmarket	OO
BRM's The Art of Compromise		Power For Life	OO
Burton On Trent in N2	N2	Redford Junction	TT
Central Works	O	Reevy Road West	OO
Charwelton into The 80s	OO	Rise Park	N
Deadmans Lane	OO	Rosamund Street Sidings	OO
Dragonby	N	Sandford and Banwell	P4
Edington Junction	O	Small 'N' Working	N
Ellesmere	OO	Staly Vegas	N
Hartley Poole	N	Stamford East	N
Launceston Steam Railway	009	TGB Metal Recyclers	
London Road	OO	(& Block Paving Specialists)	O
Lyme Regis	N	Yorkshire Pennine	N
Minories	EM		
Moorside Valley Railway	N	*List subject to change and more layouts to be added.	
Newchapel Junction	O		

THE NORTH'S PREMIER MODEL RAILWAY SHOW IN DONCASTER



9-10 FEBRUARY 2019

30+ LAYOUTS • 80+ TRADERS/SOCIETIES • LEARN FROM EXPERTS



**PRE-BOOKED
TICKETS**

ADULT £8.00

BRM SUBSCRIBERS £7.00

NON-BOOKED £9.00

Kids(5+) £4.50

Family £27.00

(2 adults & 3 kids)

TICKETS ON SALE!

MODEL-RAILWAY-SHOWS.CO.UK

Sat 10am - 5pm & Sunday 10am - 4:30pm. Advance ticket holders 9.30am Sat & Sun

Doncaster Racecourse, Doncaster DN2 6BB | Ticket hotline 0844 581 9900

FREE PARKING OR SHUTTLE BUS





GAUGEMASTER Spotlight Analogue Control



Lifetime Guarantee & Controller Types

Choose your controller for life with the Gaugemaster Lifetime Guarantee...

We have been producing Model Railway Controllers for over forty years. Our analogue controllers have stood the test of time, and so has our lifetime guarantee:

"We undertake to replace, free of charge, any parts found defective within the lifetime of the unit providing that the item has not been tampered with."

What's the difference between the controller types?

Our **Mains Powered Cased Controllers** come complete with transformer, and can just be plugged in, connected to the track, and away you go. **Panel Mounted Controllers** require a separate transformer, and also need to be mounted onto a control panel to be used effectively.

We also produce various controllers with **Feedback** and **Simulation**, two effects controlled by the controller itself. **Feedback** senses the load on the circuit and helps maintain the locomotive at a steady speed up and down gradients. **Feedback** controllers are not suitable for use with locomotives with coreless motors. **Simulation** (also known as Inertia) allows a train to accelerate, coast, and be braked to a standstill, by use of a regulator and a brake.

Mains Powered Cased Controllers

GMC-COMBI Single Track Controller/Transformer
Most Suited for HO/OO/N Scale Layouts



Fantastic for small layouts or beginners upgrading a starter set, the Combi has both a 12V DC output to run one track, and a 16V AC output for accessories.

**BEST FOR
Beginners**

GMC-D Twin Track Controller
Most Suited to HO/OO/N Scale Layouts



Our best selling controller. Runs a two track railway with minimum of fuss. The D Controller has two 12V DC track outputs, as well as a 16V AC output for accessories.

**BEST FOR
Twin Tracks**

GMC-Q Four Track Controller
Most Suited to OO/HO/N Scale Layouts



The best selling four track mains powered controller available today. It offers impressive value for money with its four 12V DC track outputs, and two each of 16V AC and 12V DC outputs for accessories.

**BEST FOR
Four Tracks**

Panel Mounted Controllers

GMC-100 Single Track Panel Controller
Most Suited to OO/HO/N/Z Scale Layouts



Some experienced modellers may wish to incorporate their controller into a panel they have made to control their layout. The Model 100 Controller has a single 12V DC output.

**BEST FOR
Control Panels**

GMC-U Single Track Controller with Simulation
Most Suited to OO/HO/N/Z Scale Layouts



With the brake knob controlling the 12V DC track output, this controller allows you greater realism when running locomotives.

**BEST FOR
Realistic Running**

Hand Held Controllers

GMC-W Single Track Walkabout Single Track Controller
Most Suited to OO/HO/N/Z Scale Layouts



Fitted with 1.5m of cable, this controller allows you the freedom to move around your layout while still controlling your layout. It has a single 12V DC track output.

**BEST FOR
Flexibility**

Did you know...

If you don't have a handy accessory output from a controller, the **GMC-WM1** Wall Mounted Transformer can be used on its own to power accessories, such as point motors and lights from the 16V output.

Just plug it in and connect it up!

GMC-WM1 Wall Mounted Transformer
16V or 12V DC 1.1a



Full details of our Analogue Controller range can be found in the Gaugemaster Full Catalogue **AVAILABLE SUMMER 2018**. It also contains details of our Digital Controllers, Scenics, Point Control, Electrics and much more in the Gaugemaster range.

It also contains selected items from many of the other brands that we stock.

GM353 Gaugemaster Full Catalogue **£3.95**

PRICES

Cased Controllers

GMC-COMBI	Single Track Controller/Transformer	£44.95
GMC-100M	Single Track Controller	£94.95
GMC-100MO	Single Track Controller for O Scale	£94.95
GMC-10LGB	Single Track Controller for G Scale	£109.95
GMC-10LGBSF	Single Track Controller for G Scale with Fan	£189.95
GMC-P	Single Track Controller with Simulation	£104.95
GMC-D	Twin Track Controller	£189.95
GMC-DS	Twin Track Controller with Simulation	£189.95
GMC-TS	Three Track Controller with Simulation	£189.95
GMC-Q	Four Track Controller	£199.95

Panel Mounted Controllers (Orange text shows transformer required)

GMC-100	Single Track Controller (GMC-T1/M1)	£39.95
GMC-100.D	Single Track Controller for O Scale (GMC-T2/M2)	£49.95
GMC-U	Single Track Controller with Simulation (GMC-T1/M1/WM1)	£49.95
GMC-UF	Single Track Controller with Feedback (GMC-T1/M1/WM1)	£44.95
GMC-UO	Single Track Controller with Simulation for O (GMC-T2/M2)	£64.95
GMC-UD	Twin Track Controller (GMC-T1/M1/WM1)	£59.95
GMC-UDF	Twin Track Controller with Feedback (GMC-T1/M1/WM1)	£64.95
GMC-UDS	Twin Track Controller with Simulation (GMC-T1/M1/WM1)	£79.95
GMC-UTS	Three Track Controller with Simulation (GMC-T1/M1/WM1)	£89.95
GMC-UQ	Four Track Controller (GMC-T1/M1/WM1)	£94.95

Walkabout and Hand Held Controllers (All GMC-T1/M1/WM1)

GMC-W	Single Track Walkabout Controller	£39.95
GMC-WS	Single Track Walkabout Controller with Simulation	£59.95
GMC-HH	Single Track Handheld Controller with Feedback	£41.95

Transformers

GMC-M1	Cased Transformer 16V AC	£52.95
GMC-M2	Cased Transformer 18V AC 2.5V	£57.95
GMC-M3	Cased Transformer 24V AC	£57.95
GMC-M4	Cased Transformer 12V AC	£57.95
GMC-T1	Open Transformer 2x 16V AC 1a	£29.95
GMC-T2	Open Transformer 18V AC 2.5a	£29.95
GMC-T3	Open Transformer 24V AC	£29.95
GMC-T4	Open Transformer 2x 12V AC 1a	£29.95
GMC-WM1	Wall Mounted Transformer 16V or 12V DC 1.1a	£21.95
GMC-WM2	Wall Mounted Transformer 9V DC (1600mA) 1.6A	£16.95
GMC-WM3	Wall Mounted Transformer Kato Unitrack UK Power Supply	£16.95
GMC-WM4	Wall Mounted Transformer 12V DC Smoothed for Lighting	£16.95
GMTFK1	Transformer Fitting Kit for T1/T3/T4	£15.95
GMTFK2	Transformer Fitting Kit for T2	£15.95

GAUGEMASTER products are available from your local Model Shop or, in case of difficulty, direct from ourselves.

GAUGEMASTER Controls Ltd, Gaugemaster House, Ford Road, Arundel, West Sussex, BN18 0BN, United Kingdom
tel - 01903 884488 Fax - 01903 884377 email - sales@gaugemaster.co.uk web - www.gaugemaster.com

EVENTS

EXHIBITIONS

JANUARY 18 - 20

London Model Engineering Exhibition
Great Hall, Alexandra Palace, Wood Green, London, N22 7AY

Opening Times:

Friday & Saturday 1000 - 1700
Sunday 1000 - 1630

Prices: Adult Online £11.50
Full Price £12.50 Senior Online £10.50
Full Price £11.50
Child Online (5-14) £3.50 Full Price £4.50
T: 01926 614101

FEBRUARY 2 - 3

Febex 2019 Model Railway Exhibition
Eggars School, London Road, Holybourne Alton, Hampshire GU34 4EQ

Opening Times:

Saturday 1030 - 1700
Sunday 1030 - 1600

Prices: Adult £5.00
Accompanied Children Under 16 Free
T: 01420 562619

Stafford Model Railway Exhibition

County Showground, Weston Road, Stafford ST18 0BD

Opening Times: Saturday 1000 - 1700
Sunday 1000 - 1630

Prices: Adult £10.00

Accompanied children Free

T: 07825917857

W: www.staffordrailwaycircle.org.uk

FEBRUARY 9 - 10

The Festival of Modelling, Doncaster Exhibition Centre, The Racecourse, Doncaster, Yorkshire DN2 6BB

Opening Times: Saturday 1000 - 1700
Sunday 1000 - 1600 Doors open at 9.30am for pre-booked ticket holders

T: 0844 581 9900

FEBRUARY 10

Model Tractor, Plant & Construction Show Warwickshire Event Centre, Leamington Spa, Warwickshire CV31 1XN

Opening Times:
Sunday 1000 - 1600

T: 01926 614101

TRAIN & TOY FAIRS

JANUARY 20

Toy Fair - Kidderminster Gilt Edge Leisure Centre, Zortech Avenue, Kidderminster, Worcestershire DY11 7DY

Opening Times: Sunday 1030 - 1400

Prices: Admission £1.50

T: 01270 652773 Tony Oakes

Barry Stockton Model Train & Toy

Collectors Fairs - Haydock Park Racecourse Warrington Road, Newton-le-Willows, Merseyside WA12 0HQ

Opening Times: Sunday 1030 - 1400

Prices: Adult £2.00 Child 50p

T: 0151 334 3362

JANUARY 27

Barry Stockton Model Train & Toy Collectors Fairs - Wirral Hulme Hall, Port Sunlight, Wirral, CH62 5DH

Opening Times: Sunday 1030 - 1400

Prices: Adult £2.00 Child 50p

T: 0151 334 3362

FEBRUARY 3

Jim Corr Toy & Train Fairs - Chester-le-Street The Lord Lawson Academy, Birtley Lane, Birtley, DH3 2LP

Opening Times: Sunday 1000 - 1500

Prices: Early Ent £5.00 Adult £3.00

OAP/Child £2.00

T: 07504035955

FEBRUARY 7

Joe Lock Toy & Train Fair - Theydon Bois Village Hall, Coppice Row, Theydon Bois, Epping, Essex CM16 7ER

Opening Times: Thursday 1900 - 2100

Prices: Admission £1.00

T: 07866 641215

FEBRUARY 9

Toy Fairs - Chester The Cheshire County Sports Club, Plas Newton Lane, Chester, Cheshire CH2 1PR

Opening Times: Saturday 1030 - 1400

Prices: Admission £2.00

T: 01270 652773 Tony Oakes

FEBRUARY 23

Toy Fairs - Worcester

Perdiswell Leisure Centre, Bilford Road, Worcester, Worcestershire WR3 8DX

Opening Times:

Saturday 1030 - 1400

Prices: Admission £2.00

T: 01270 652773 Tony Oakes

FEBRUARY 24

Barry Stockton Model Train & Toy Collectors Fairs - Port Sunlight

Hulme Hall, Bolton Road, Wirral, Merseyside CH62 5DH

Opening Times:

Sunday 1030 - 1400

Prices: Adult £2.00

Child £0.50

T: 0151 334 3362

THE NORTH'S PREMIER MODEL RAILWAY SHOW

CONTACT US

DIARY DATES are now ONLINE!

www.brmr.ag/brmevents

WEBSITE

Enter your event on our website
www.world-of-railways.co.uk

Closing date for the Spring issue is 28th January

Suitable for disabled visitors.

FEBRUARY 23 - 24

Lincoln & District Model Railway Club Exhibition Lady Eastwood Pavillion County Showground, Drove Lane, Winthorpe, Newark, Notts NG24 2NY

Opening Times: Saturday 1000 - 1700

Sunday 1000 - 1630 **Prices:** Adults

£7.00, Child £3.00, Family £17.00.

MARCH 23 - 24

The London Festival of Railway Modelling,

Alexandra Palace, London N22 7AY

Opening Times: Saturday 1000 - 1700

Sunday 1000 - 1630 Doors open at 9.30am for pre-booked ticket holders

Prices: Adult £12.00 Child (5-16yrs)

£6.00 Family £36.00

T: 0844 581 9900

Lincoln & District Model Railway Exhibition

www.ladmrc.co.uk

Saturday 23rd & Sunday 24th February 2019

Newark Showground NG24 2NY

Lady Eastwood Pavillion

Early entry 9.30 - 10.00 for disabled & wheelchair visitors only

Visitors Sat: 10.00 - 17.00 Sun: 10.00 - 16.30

Adults £7, Children £3 & family £17.00

FREE BUS from Newark Northgate & Castle stations BOTH DAYS

- 20+ Layouts booked
- Excellent selection of traders
- FREE colour programme
- Ample FREE PARKING

- Cafe
- Wheelchair friendly
- Demonstrations
- Easy access from all major routes

Model Rail Scotland

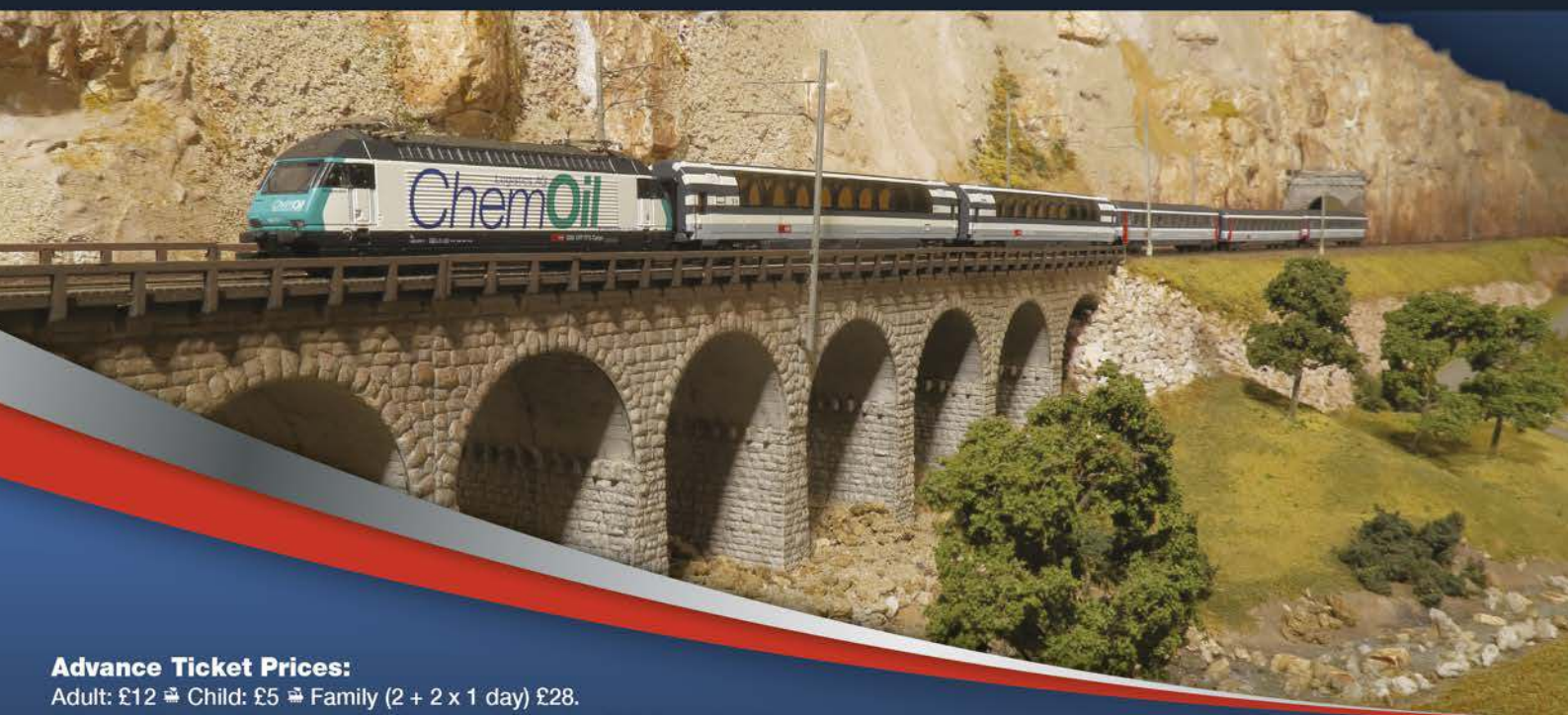
SEC Glasgow 2019

Fri 22nd, Sat 23rd and Sun 24th February

50+ LAYOUTS 🚂 FREE EXHIBITION GUIDE

150 EXHIBITOR STANDS 🚂 GAUGE SOCIETIES 🚂 DEMONSTRATIONS

www.modelrail-scotland.co.uk



Advance Ticket Prices:

Adult: £12 🚂 Child: £5 🚂 Family (2 + 2 x 1 day) £28.

Advance ticket holder can enter 30 minutes prior to official opening times.

Admission Prices at the door: Adult: £13 🚂 Child: £6 🚂 Family: (2 + 2 x 1 day) £29.

Fri 23th: 10.30am - 6.00pm 🚂 **Sat 24th:** 10.00am - 6.00pm 🚂 **Sun 25th:** 10.30am - 5.00pm.

Tickets may be bought at the show or in advance by visiting our website www.modelrail-scotland.co.uk.
To purchase advance tickets by post, please forward a cheque or postal order made payable to
'AMRSS' together with a self addressed stamped envelope, to arrive no later than 15th February 2019.
AMRSS, PO Box 9117, Shotts, ML7 9AF.

SQUIRES
Model & Craft Tools

**RAILWAY
MODELLER**
PECO
CONTINENTAL
MODELLER

BACHMANN
EUROPE FIG
HORNBY

LONDON'S LEADING MODEL RAILWAY SHOW



40+ LAYOUTS • 100+ TRADERS/SOCIETIES • LEARN FROM EXPERTS



**PRE-BOOKED
TICKETS**

ADULT £11.00

BRM SUBSCRIBERS £10.00

NON-BOOKED £12.00

Kids(5+) £6.00

Family £36.00

(2 adults & 3 kids)

TICKETS ON SALE!

MODEL-RAILWAY-SHOWS.CO.UK

Sat 10am - 5pm & Sunday 10am - 4:30pm. Advance ticket holders 9.30am Sat & Sun

Alexandra Palace, London N22 7AY | Ticket hotline 0844 581 4972

FREE PARKING OR SHUTTLE BUS



18th
ANNIVERSARY

THE MODEL RAIL SHOW FOR LARGER GAUGES

MIDLANDS GARDEN RAIL SHOW

0 GAUGE, G SCALE, GAUGE 1, 16MM & MORE...



Sponsored by
**ENGINEERING
in Miniature**

**GARDEN
Rail**

**SATURDAY 16th &
SUNDAY 17th MARCH 2019**

Open 10am – 4pm Daily

WARWICKSHIRE EVENT CENTRE



A Leading Garden Railway Exhibition



Over **35 leading suppliers** to help
you create your dream garden
railway including locomotives,
rolling stock, track and accessories.
Up to **15 layouts and displays**.

Full restaurant facilities.
FREE car parking for over 2,000 cars.

BOOK YOUR TICKETS NOW!

ADMISSION PRICES	ONLINE TICKETS*	FULL PRICE TICKETS**
Adult	£8.00	£9.00
Senior Citizen	£7.00	£8.00
Child (5-14)	£3.00	£4.00

Children under 5 FREE
when accompanied by a full paying adult/senior

* Tickets are available via our website at discounted prices.

** Full price tickets are available on the day from the ticket office.

Please call SEE Tickets on 0115 896 0154 if you would like to
book a ticket by phone. Last admission 1 hour before closing.

**Inspiration
for planning
your garden
railway - see
live steam, gas
and coal fired
locomotives.**

www.midlandsgardenrailshow.co.uk



@MeridienneEx



Meridienne
Exhibitions LTD

Organised by Meridienne Exhibitions LTD



SQUIRES

MODEL & CRAFT TOOLS

100 London Rd, Bognor Regis, West Sussex PO21 1DD

Tel 01243 842424, Fax 01243 842525

Email sales@squirestools.com www.squirestools.com

**Squires will be exhibiting at the following shows in
2019 – Diary updated as bookings are confirmed.**

EXHIBITIONS & SHOWS IN 2019

- Jan 12/13 - BOGNOR REGIS** Model Railway Exhibition, Felpham Community College
Felpham Way, Felpham, Bognor Regis, West Sussex PO22 8EL Sat 10 - 5, Sun 10 - 4.30
Plenty of Free Parking
- Jan 19/20 - CALNE** MODEL RAILWAY EXHIBITION Calne Leisure Centre, White Horse Way,
Calne, Wilts. **SN11 0SP** Free parking, Sat/Sun 10-5 - **Enlarged Show for 2019**
- Jan 20 BOLTON** - IPMS SCALE MODEL SHOW, Premier Suite, University of Bolton Stadium,
De Havilland Way, Bolton **BL6 6SF**. 10-4pm.
- Jan 20 GUILDFORD** - Astolat M/Railway Exh, The Surrey Sports Park, University of Surrey,
Richard Meyjes Road, Guildford, Surrey, **GU2 7AD**. Sunday 10-5. www.astolatmrc.co.uk
- Jan 26/27 KENDAL** Mod Rail Exh Leisure Centre, Burton Rd, Kendal, **LA9 7HX** Sat/Sun 10-5
- Jan 27 BRISTOL** - Bristol 'O' Gauge Group Exhibition University of the West of England
Conference & Exhibition Centre, Filton Road, Bristol, **BS34 8QZ**. Sunday 10 - 4.00pm.
- Feb 2/3 ALTON** - FebEx 2019 Alton Model Railway Group Exhibition Eggars School, Anstey
Rd, Alton, Hants, **GU34 4EQ**. Sat 10.30-5. Sun 10.30-4.00.
- Feb 22/23/24 GLASGOW** Model Rail Scotland Scottish Exhibition Centre, Glasgow, **G3 8YW**
Fri 10.30-6, Sat 9.30-6, Sun 9.30-5 www.modelrail-scotland.co.uk
- Mar 2 - KETTERING** Gauge 'O' Guild Spring Show & Exhibition, Kettering Leisure Village,
Thurston Drive, Kettering, **NN15 6PB**. 10 - 4. ***Plenty of FREE parking***
- Mar 2/3 - PRESTON** Preston & District Model Railway Exhibition, Sports Hall, Preston
College, St Vincents Road, Fullwood, Preston, Lancashire, **PR2 8UR**. Sat/Sun 10 - 5pm
- Mar 9/10 - KEIGHLEY** Model Railway Club 44th Exhibition University Academy Keighley,
Green Head Rd, Utley, Keighley, **BD20 6EB**. Sat/Sun 10-4.30. Plenty of FREE Parking.
- Mar 16 - ABINGDON** ABRAIL 2018 Model Railway Exhibition, White Horse Leisure & Tennis
Centre, Audlett Drive, Abingdon, Oxon, **OX14 3PJ**. Saturday 10 - 5pm.
- Mar 16/17 PERTH** GREEN Model Railway Exhibition, Perth Green Community Centre,
Inverness Road, Jarrow, Tyne and Wear, **NE32 4AQ** Sat 10-5. Sun 10-4.
- April 13/14 CORSHAM** Trainwest 2019 M/Rail Exh, Springfield Community Campus,
Beechfield Rd, Corsham, Wilts **SN13 9DN** Sat/Sun 10-5 *Plenty of FREE Parking**
- April 20/21/22 - YORK** Model Railway Show, The Knavesmire Stand, Racecourse Road,
York. **YO23 1EX**. Saturday & Sunday 10 - 5, Monday 10 - 4.30.
- April 27 LEIGH** O SCALE NORTHWEST Leigh Sports Village, Sale Way, Leigh **WN7 4JY** 10-4.
- April 27/28 - SUTTON COLDFIELD** M/Railway Exhibition, Bishop Walsh School, Wyld
Green Rd, Sutton Coldfield, **B76 1QT**. Plenty of FREE Parking. Sat 10-5, Sun 10-4.30
- May 3 - 5 - The 51st Bristol** Model Railway Exhibition Thornbury Leisure Centre, Alveston
Hill, Thornbury, Near Bristol, **BS35 3JB**. Fri 1pm-7pm, Sat 10-6.30pm, Sun 10-5pm.
- May 11 - READING** Association of Larger Scale Railway Modellers Trade Show & Exhibition,
Rivermead Leisure Centre, Reading. **RG1 8EQ**. 10 - 4.30. FREE entry to ALSRM Members
- May 18/19 - MIDDLESBOROUGH** Model Rail Exhibition, Settlement Community Centre,
Union Street, Middlesbrough, **TS1 5NQ**. Sat/Sun 10 - 5.
- June 1 - DONCASTER** Gauge 'O' Guild Summer Show, The Dome Leisure Centre, Doncaster
Lakeside, Bawtry Road, Doncaster, South Yorkshire, **DN4 7PD**. Sat 10 - 4.
- June 1/2 - SHILDON**, M/Rail Exhibition, Locomotion Museum, Shildon **DL4 1PQ** Sat/Sun 10
- 5pm. *Free Car Parking & Entry to Museum & Exhibition - Yes that's Free Entry!!!! * :-)
- June 8/9 - GLASGOW** 'O' Gauge M/Rail Exhibition, Pollokshaws Burgh Hall, Pollokshaws
Rd, Glasgow, **G43 1NE**. Sat 10-4, Sun 11-4. *Free Parking, Close to Railway Stations*
- June 8/9 - KETTERING** East Anglian Model Railway Exhibition, The Arena, Kettering
Conference Centre, Thurston Drive, Kettering, **NN15 6PB**. Sat 10-5, Sun 10-4. Plenty of
FREE parking - *Note-change of venue-larger, more modern, very easy access from A14 J8
- Aug 10/11 - SKIPTON** Model Railway Exhibition, Skipton Academy (Formerly Aireville School)
Gargrave Road, Skipton, **BD23 1UQ**, Sat 10 - 5, Sun 10 - 4. www.skiptonrailsoc.org.uk
- Aug 31/Sept 1 - TELFORD** GUILDEX 2019, O Gauge Exhibition and Trade Show, The Telford
Exhibition Centre, St. Quentin Gate, Telford, **TF3 4JH**, Sat 10-5, Sun 10-4.
- Oct 5/6 - SHILDON**, Model Railway Exhibition, Locomotion Museum, Shildon **DL4 1PQ** Sat/
Sun 10 - 5pm. *Free Car Parking and Free Entry to Museum and Exhibition
- Yes that's Free Entry!!!! * :-)
- Oct 12/13 - ALDERSHOT** Farnham Model Railway Club 45th Exhibition, Alderwood Leisure
Centre, Tongham Rd, Aldershot, Hants, **GU12 4AS**. Sat 10-5, Sun 10 - 4.30.

New Tools Shop Extension Opening Soon.

New Printed Mail Order Catalogue to be published soon

– reserve your copy now.

Exhibition Invitations always welcomed.

THE SOUTH'S MAJOR SHOWCASE OF MODEL ENGINEERING & MODELLING



**FRIDAY 18th to
SUNDAY 20th
JANUARY 2019**

Featuring the Past, Present and Future of Modelling



Great Hall, Alexandra Palace, London N22 7AY

10am - 5pm Friday & Saturday, 10am - 4.30pm Sunday

Last entry Friday & Saturday 4.00pm Sunday 3.00pm.

The Model Active Zone will close at 3.30pm on Sunday.



MEET THE CLUBS AND SOCIETIES

- Over 45 national & regional clubs and societies attending
- See nearly 2,000 fantastic models on display
- Exciting demonstrations

LOTS TO SEE AND DO

- Model trains, boats & tanks
- Passenger carrying locomotives
- Radio control planes & trucks in the fabulous Model Active Zone
- Meccano, Horology & more...

**OVER 55 LEADING SPECIALIST
SUPPLIERS PRESENT.
EVERYTHING HOBBYISTS
NEED UNDER ONE ROOF!**

Sponsored by
**ENGINEERING
in Miniature**

Like us on



**London Model
Engineering
Exhibition**

Follow us on



@LMEE19



THE MINISTRY OF STEAMPUNK

Amazing exhibits combining
the past with imagination.

Car Parking for 1,500 Vehicles & FREE Showguide

BOOK YOUR TICKETS NOW



TICKET	ONLINE TICKETS*	FULL PRICE TICKETS**
Adult	£11.50	£12.50
Senior Citizen	£10.50	£11.50
Child (5-14 yrs)	£3.50	£4.50

* Tickets are available via our website at discounted prices until midnight Tuesday 15th January 2019.

** Full price tickets are available on the day from the ticket office.

For groups of 10 or more, 10% discount applies. Quote GRP10 online.

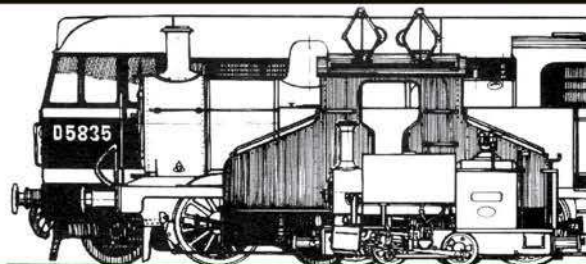
See our website for the latest exhibitors and
mini showguide with floorplan

www.londonmodelengineering.co.uk



Organised by Meridienne Exhibitions Ltd
All information subject to change, correct at time of printing.

STAFFORD MODEL RAILWAY EXHIBITION



Join us in 2019

Saturday 2nd Feb Sunday 3rd Feb
(10am to 5pm) (10am to 4.30pm)

Stafford County Showground

ST18 0BD - Situated on the A518, 3 miles East of Stafford Town Centre

Adults £10 Admission

No Charge for accompanied Children under 16

*See our two featured areas of Isle of Wight
and Woodhead route based layouts.*

**40 plus layouts & 45 trade stands already
booked in all the major scales**

• Free Show Guide while stocks last •



FREE bus from railway station
www.staffordrailwaycircle.org.uk/exhibition



SOUTHAMPTON Model Railway Exhibition

26th & 27th JANUARY 2019

Saturday: 10am to 5.00pm / Sunday: 10am to 4.30pm

Barton Peveril College, Chestnut Avenue, EASTLEIGH

- By Car: For SatNav to the front entrance, please use SO50 5BX.
- By Train: Both Eastleigh and Southampton Parkway Stations are about 1½ miles from the exhibition venue, followed by a walk of about 25 minutes - or you could jump aboard a FREE service, as below:
- By VINTAGE BUS, as provided by the Southampton & District Transport Heritage Trust between the stations on both days from about 9.30am, approximately half-hourly. Check our website for details: www.southamptonmodelrailwaysociety.wordpress.com

**Over 20 QUALITY LAYOUTS in most scales & gauges, including
the 2mm Finescale Association layout 'St RUTH'**



(Photo © Chris Nivard)

WELL-KNOWN TRADERS & SKILLED DEMONSTRATORS to advise & show you how!

**HOT & COLD
REFRESHMENTS
AVAILABLE**

Information from many
SPECIALIST SOCIETIES
on both scale & full-size
railway matters

TICKETS:
with FREE guide - while stocks last!
Adults: £7.00
Children: £3.00
(Accompanied, 5-15)
Family Tickets: (2 + 2) £17.00

Alton Model Railway Group
presents
FEBEX 2019
MODEL RAILWAY
EXHIBITION

February 2nd and 3rd 2019
Sat. 10.30-5.00 Sun. 10.30-4.00

**Eggars School, Alton,
Hampshire, GU34 4EQ**

**Many layouts and traders
New for 2019:**

'Extended exhibition area'

From 2019 the FEBEX exhibition will be even larger. Changes at the venue means that there will be more space for both layouts and traders. Check with the website for news on layouts and traders attending.

Reasonably priced refreshments available

Adults £5.00. Accompanied children under 16 free

Further details at

www.altonmrg.co.uk/febex

**Leamington & Warwick
Model Railway Exhibition**

Sat 2 - Sun 3 March 2019

from 10am

Over 20 layouts and 30 trade stands
Station Shuttle Bus - Free Car Parking
Restaurant - Refreshments - Rest Areas
Admission: Adults £8, Children £2, Family £18

Royal Leamington Spa College
Warwick New Road, Leamington Spa CV32 5JE
More information at www.lwmrs.co.uk

Kimble O Gauge - Featured club layout 2019



Model Train Sale
Friday 18th January 2019
at Thornaby Auction Rooms

Items Always Wanted
for our Vintage & Modern
Train Auctions

Contact **Michael Bond**
01642 750616
michael.bond@vectis.co.uk

Mike Delaney
01993 709424
mike.delaney@vectis.co.uk

Live internet bidding at
www.vectis.co.uk
www.invaluable.com

Vectis Auctions
Fleck Way, Thornaby
Stockton on Tees TS17 9JZ

Oxford Office
Unit 5A, West End
Industrial Estate, Witney
Oxon OX28 1UB

Vectis

Olivia's Trains of Sheffield

O Gauge & OO Gauge
Sound Specialists



25a Mansfield Rd,
Intake, S12 2AE

Extensive UK sound library utilising the
Loksound V4 Sound Decoders
DCC/Sound Fitting Whilst You Wait

Open
Since 2008



Heljan 100 ton BOC Wagon



Heljan Class 76/77



Bachmann Class 57 Arriva



Bachmann Class 66/7



Hornby 5 Bel Brighton Belle



Bachmann Class 40



Heljan O Gauge Locos



Hornby Class 87



Dapol Class 73
in Network Livery



Hornby R3150



Heljan Locos



Bachmann Class 47/7

For more details on the above & all our stock visit:



www.oliviastrains.com



Tel: 0114 3216 160 or 0114 2647 449

Email: support@oliviastrains.com



OPEN

Mon to Sat:

9:30am - 5pm

Closed Sunday

**1000'S OF
PRODUCTS
IN STOCK**



We Buy & Sell
CULCHETH MODEL RAILWAYS - WARRINGTON
Tel: 01925 899959

WE BUY / SELL / PART EXCHANGE

Most Gauges Stocked - Z/N/HO/OO/O/G/1

View/Buy our stock online in our eBay shop:

www.culchethmodelrailways.co.uk

- WE BUY -

Visit - www.holdercollectables.co.uk

FREE PARKING / DISABLED ACCESS

Credit / Debit Cards Accepted

Call: **01925 899959**

Email: info@culchethmodelrailways.co.uk

Culcheth Model Railways, CPS Shopping Centre,
Common Lane, Culcheth, Warrington, WA3 4EH

NORTH WEST MODEL SHOP

WARRINGTON CHESHIRE - WA3 4EH - OPEN 6 DAYS!

AC Models

Tel: 02380 610100

www.acmodelseastleigh.co.uk



Your one stop shop for the model enthusiast
selling new and secondhand Model Trains,
Slotcars, Radio Control, Warhammer Diecast etc.

Visit our shop for all your modelling needs.

Open 9-5 except for Wednesdays & Sundays.

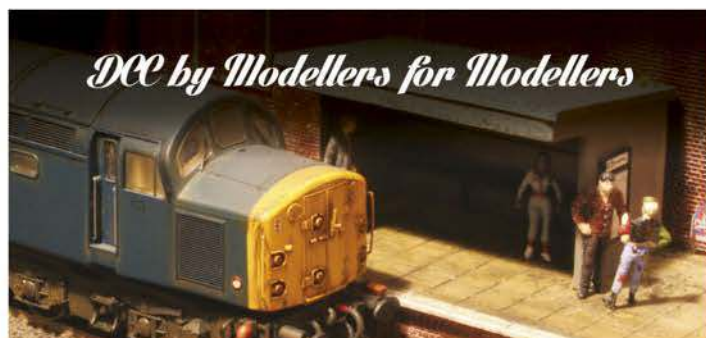
Both shops are **closed on Wednesdays and Sundays**

Gift vouchers available

**Radio Control Department, Spares Department
and Games Workshop now at No.7**

www.acmodelsspares.co.uk

7/9 High Street, Eastleigh, Hants, SO50 5LB
email: info@acmodelseastleigh.co.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-Cirkits, Sprog DCC, Team
Digital, TCS, NCE, Zimo.
Plus Many More!

**Friendly advice,
support and
installation services**

Ipswich Model Railway Centre,
Unit 2, 48-52 Tomline Road
Ipswich IP3 8DB.



Coastal DCC

+44 (0) 1473 710946

www.coastaldcc.co.uk
enquiries@coastaldcc.co.uk

CR Signals

N Gauge Locomotives
DCC Sound conversions
Wagon & Coach conversions



Lights
Signals
Trackside
DCC Control

07908-814059
info@crsignals.com
 Follow us on  Facebook
www.crsignals.com

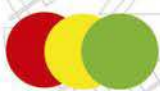
DJ MODELS

07923 867847
info@djmodels.co.uk

Pre order price
£135.00
RRP £159.95



63xx N gauge GWR 2-6-0 'Mogul'
Currently in design
Sign up for one today
(4 to choose from)
www.djmodels.co.uk



Sig-naTrak®

Model railway electronics by GFB Designs

Our DCC controller - new features coming!

- ★ 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!

The ACE-2 (DCS2044-2H)
 NMRA-compliant DCC controller with full decoder programming and reading. Computer control, XpressNet and LocoNet under development! Compact: only 220x150x45mm! **£249.00**

and for accessories..... **£16.00**

The IMP (part no: DSI1001)
 Servo controller - DCC or DC. **£28.00**

The GEM (part no: DPD2001)
 Point motor - DCC or DC. **£19.00**

The DRIVER (BHS1204)
 ACE Handset. **£30.00**

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™

- DAC20 Accessory Decoder - 8 outputs, built-in CDU. **£65.00**
- 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**
- TXC1 Turntable Controller - automatic indexing. **£80.00**
- MSC8 Scenery Animator - control lights, motors & servos. **£30.00**

67 Boddens Hill Road, Stockport, SK4 2DG
Tel: 0161 883 2022; fax: 0161 883 2077
 (Callers by appointment only, please.)
Email: info@signatrak.co.uk; Web: www.signatrak.co.uk



FROME MODEL CENTRE
Service and quality the way it should be
 Established since 1986

QUALITY MODELLING PRODUCTS

We are one of the largest independent family run model shops in the country situated in the historic town of Frome.

We offer our customers the largest, most diverse range of modelling products under one roof with helpful & friendly service provided by our experienced team.

Model Railway Service & Repairs
 Our experienced team are on hand to help with all General Enquiries & Technical Advice.

Buyers & Sellers of Second Hand Railway
 One of the Largest Ranges of Model Railway Under One Roof

HORNBY **GRAHAM FARISH** **WILLS-KITS** **GAUCEMASTER** **PECO** **DAPO** **Y&G** **BRITAIN** **PLASTIC MODELS** **WILLS-KITS** **GAUCEMASTER**

FROME MODEL CENTRE
 1-2 Catherine Street,
 Frome, Somerset, BA11 1DA
TEL: 01373 465295
 Fax: 01373 451468
 Email: sales@frome-model-centre.com

FREE PARKING

OPENING HOURS
 Tues-Sat: 10am-5pm
 Sun/Mon: Closed

www.fromemodelcentre.com

**.55.
H**

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 FM Models
in South Korea, designed and
developed in conjunction with
LH Loveless



www.55H.co.uk
www.loveless.co.uk

55H Unit 3 Fulford Business Centre,
35 Hospital Fields Road, York YO10 4DZ
Tel: 01132 761759 / John@55h.co.uk
01423 712446 / Lawrie@loveless.co.uk

55H is a TRADING NAME of FINE SCALE BRASS

9F IN STOCK NOW!



WHY WAIT AND PAY MORE?

4 versions, choice of numbers BR1G, BR1C, BR1D and BR1F tenders, single/double chimney and Tyne Dock, late/early crests.

£2300.00 DC
£2650.00 DCC & sound
£3000.00 DCC, sound & sync. smoke



NOW IN PRODUCTION!



© Cliff Williams

In production for delivery
early-2019 7MT "Britannia"
class and 8P Duke of Gloucester,
choice of names, tenders, smoke
deflectors, front steps and crests.
Fully finished by the factory and
ready to run on delivery.

£2600.00 DC
£2950.00 DCC & sound (UK fitted)
£3300.00 DCC, sound & sync. smoke

4.25 INCH HIGH GWR STYLE
— VINYL CUT NUMBERS —

AVAILABLE IN 5 COLOURS



SEARCH 'FSVNC' ON OUR WEBSITE...



we can create single colour self-adhesive vinyl
letters, numbers & shapes to your specification



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



NEW PRODUCTS FROM TRAIN-TECH!

Smart Screen - Customise your own screen!

NEW!



- Real working animated screens
- Enter your own multiple messages
- Easy - just 2 power wires for DC or DCC
- Use as: Platform Signs • Road Signs • Scoreboards • Train Destinations which change automatically with direction!
- Control by Track Sensor, Switch, DCC

Sound Track- Record and play YOUR sounds!

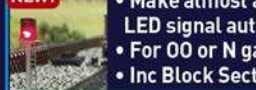
NEW!



- Record your own favourite sounds
- Built-in microphone and loudspeaker
- Play back manually or trigger by Track Sensor, Signal, switches or DCC
- Record trains, stations, countryside etc
- Easy to use - 4 separate Sound Tracks
- Power by 9V battery, 12v dc or DCC

Automatic Signal Controller

NEW!



- Make almost any LED signal automatic
- For OO or N gauge
- Inc Block Section

Track Sensor Plus

NEW!



- Trigger Crossings, sounds, smart screen
- And new 5V outputs for LEDs, Arduino etc

Scenic Sound modules

NEW!



- Built in loudspeaker
- Sound sets include Lineside, Urban, Rural Modern or Steam era

Signal Head Kits

NEW!



- Ideal for gantries
- 2, 3 or 4 aspect
- Feather or Theatre
- Switch or controller



Train-Tech
Model Technology Made Easy

Ask for our
**FREE New
Brochure!**

01953 457800 / www.Train-Tech.com

£4 UK P&P - this month quote BRM0219 for £2 off postage!

DCP Express
Bryon Court
Bow Street
Great Ellingham
NR17 1JB

sales@dcpmicro.com



GRIMY TIMES

WHY PAY MORE?



This is what we supply **FREE** with our weathering service:

Loco Coal Loads Fitting of Accessory Packs

- Loco Weathering - Full bespoke weathering including real coal loads (where applicable), greased buffers, rust / brake dust, oil / water spillage / limescale.
- **FREE** Loco coal loads. Detail packs fitted (if required) **FREE** of charge prior to weathering. Varnish Protection Coat applied.

	Tank Loco	Tender loco	Diesel	Shed plates fitted	Crew fitted	Lamps fitted
N gauge	£15	£20	£15	-	£7	£3
OO gauge	£25	£30	£20	£3	£7	£3
O gauge	POA	POA	POA	£4	-	-

- Renumbering £15.00 & Renaming from £25.00 (dependant on class).
- All Rolling Stock catered for - POA

COMPARE OUR QUALITY WORK & PRICES. JOIN OUR THOUSANDS OF SATISFIED REPEAT CUSTOMERS

www.grimytimes.co.uk

187 Orford Lane, Warrington, Cheshire WA2 7BA 01925 632209

NEW!

HORNBY

'00'
scale

NBR 'C' Class / BR Class J36, a locomotive class with a long history. Introduced in the late 1800's some were sent to Europe in 1917 for war duties. Many lasted well in to BR days, some until the end of steam in Scotland in 1967. "Maude" has been preserved by the Scottish Railway Preservation Society and can be viewed in the SRPS Museum at Bo'ness. www.srps.org.uk



R3622 early BR black 65311 'Haig'
£132.99 (rrp £139.99)



R3621 L&NER lined black 722
£132.99 (rrp £139.99)



R3600TTS preserved NB 673 'Maude'
DCC & TTS sound
£164.99

P&P
£3.00
per order

Limited stocks
order yours *now!*



Harburn Hobbies, 67 Elm Row, Edinburgh EH7 4AQ
Tel: 0131 556 3233 Web: www.harburns.co.uk

In The Greenwood
LASER

Happy New Year to All!

New Years Resolution.....
buy more models?

New in N scale



SH006, SH010, SH016
£5.00 each

New in OO scale



ST006 1/2 Low relief
Hesketh Station £12.75

Best Sellers



CS001 Complete Station
£32.50
An Excellent way
to start a layout



FS001 Fire Station
£35.00



PB001
Pub Kit
Also in
Low Relief
£10.90

For the full range visit -
WWW.INTHEGREENWOODLASER.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 * Accucraft * Peco * 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 * Peco * Gauguemaster *
Metcalf * Heljan * Graham Farish * Dapol *
Woodland Scenics * Kato * Walthers * Kadee *
Expo * Noch * Oxford Diecast * Kestrel * Atlas
* Parkside * Oxford Rail * Ratio * Wills *
Modelscene and much more



Bundaberg - Roundhouse 16mm
live steam - radio control



Farish N gauge



Walthers HO sound SD70ACe



Broadway HO sound PRR K4



LGB G scale 23361 Nurnberg
tram and trailer

Kent Garden Railways

66 High Street, St Mary Cray, Orpington, Kent, BR5 3NH

Tel 01689 891668 email sales@kgrmodels.com www.kgrmodels.com

Shop open 0900-1700 Monday to Saturday

www.modelrailshop.co.uk

Tel: 01274 747447

E-mail: shop@fmrdirect.co.uk

FMR
FRIZINGHALL MODELS & RAILWAYS

THE MODELLER'S CHOICE since 1950

Unit 8A Sapper Jordan Rossi Park
Otley Road, Baildon, BD17 7AX

JUST ARRIVED & EXCLUSIVE TO FMR



PECO 'N' Gauge Wagon in the Livery of 'LISTER & CO' MANNINGHAM MILLS, BRADFORD - 4 Versions 2 Running No's Clean or Weathered £9.99 & £10.49

GRAHAM FARISH 'N'

BACHMANN 'OO'

371-397 Class 66 DRS Palin Blue Compass 66434.....	£114.75
371-471 Class 37/0 DRS 37261.....	£110.50
371-628 GWR Railcar W2W BR Brunswick.....	£80.75
372-313 Merchant Navy Class BR Malachite - New Zealand Line.....	£144.50
372-312 Merchant Navy Class BR Green - Clan Line.....	£144.50
372-800b Class A1 60163 Tornado BR Express Blue.....	£144.50
372-931 N Class 2-6-0 31844 BR Black Early Emblem.....	£112.00
372-933 N Class 2-6-0 810 SECR Grey.....	£123.25
371-085a Class 25/1 BR Green D5177.....	£101.99
371-087a Class 25/1 Diesel BR Blue 25225.....	£101.99
371-350a Class 60 EWS 60035.....	£114.75
371-014 Class 08 BR Railfreight Distribution 08834.....	£84.99
371-020a Class 08 BR Black Early Emblem 13050.....	£84.99
374-952 BR Mk2A FK First Corridor Maroon.....	£29.75
374-951 BR Mk2A FK First Corridor Green.....	£29.75

32-007 Hall Class GWR Green 4920 Dumbleton Hall.....	£135.99
32-122 Class 08 BR Railfreight Distribution 08834.....	£106.50
32-763a Class 57/3 DRS 57302 Chad Varah (Weathered).....	£152.99
32-764a Class 57/3 57312 - Solway Princess Northern Belle.....	£144.50
31-761 GNR Class C1 4-4-2 Atlantic 272 GNR Green.....	£169.99
31-910 H1 Class Atlantic 4-4-2 No. 39 La France LBSCR.....	£169.99
32-393DS Class 37/7 Europhoenix 37884 (DCC Sound).....	£212.50
30 Ton Bogie Bolster LMS.....	£19.50
30 Ton Bogie Bolster Wagon BR Bauxite (Weathered).....	£21.25
Conflat with BA Standard Container 'Speedfreight'.....	£16.99
Conflat with BA Vented Container 'Speedfreight'.....	£16.99
31 Ton OCA Dropside Open Wagon Railfreight Dist.....	£21.25
45 Ton glw MEA Open Box Wagon Blue (Weathered).....	£21.99
45 ton glw MEA Open Box Wagon BR Coal (Weathered).....	£21.99
100 Ton TEA Bogie Tank Wagon BP Green.....	£42.50



PREORDER

HORNBY

PREORDER



32-002A - Hall Class Br Black Early Emblem 4971 Stanway Hall (Weathered) (OO) - £140.50



R3634 - SR, Lord Nelson Class 4-6-0 851 'Sir Francis Drake' (OO) - £153.00



371-037 - Class 20 20205 BR Blue (N) - £106.25



OO-156 - Hudson D Stone Loads x 2 - £7.99

UNIT
MODELS

See our latest 3D
Printed models.
Hand painted and
weathered here at FMR.
Also available in O Gauge.
Bespoke Paint Jobs
available on request.



OO-301P - Platelayers Hut (OO) - £7.99



OO-302P - Coal Office (OO) - £8.99



OO-306P - Girdler Coal Staith (OO) - £9.99



NOW AN OFFICIAL STOCKIST

FREE POSTAGE over £150
(UK mainland only)

DCC Sound & DCC Decoder Fitting
Weathering & Rename / Renumber



Swan Neck Lamp GWR/BR £2.99 (45mm) SNL-1



Yard Lamp (110mm) £9.99 YL-1



Two Aspect Home Colour Light Signal £6.99 SGN-2H



3Aspect Home Colour Light £7.99 SGN-3HD

OPENING HOURS: MONDAY to SATURDAY (CLOSED WEDNESDAY) 9.30 - 5.30

Illustrated Catalogues Inc. post

00, 009 (1/76th).....£6 in colour
N Catalogue (1/148th).....£5 in colour
O Catalogue (1/143rd).....£4 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
Railway Rapior Loading crane £32.90
Shop interior Saddlers £8.65
Wharfedale/Platform lattice crane £14.45



Loads of kits in our illustrated colour catalogue or website
www.langleymodels.co.uk

Cricket Game - 15 figures, stumps etc.....	£ 9.90	Painted Funeral Scene.....	£ 12.25
NEW Cricket Sight Screen.....	£ 7.55	Painted 6 Assorted Dogs.....	£ 8.40
NEW Cricket Portable Scoreboard.....	£ 4.40	Painted Newspaper vendor and paper box.....	£ 6.30
NEW 6 seated Cricketers (waiting to play).....	£ 5.40	Painted 2 Fresco Cows (patched brown/white).....	£ 7.35
Morris Dancers & Musicians.....	£ 7.80	Painted 2 x Highland Cattle.....	£ 7.85
Loco spotters & school boys.....	£ 7.80	Painted White Wedding scene (8 figs).....	£ 21.50
Victorian Wedding Party.....	£ 8.15	Painted 6 x Working Action figures set1.....	£ 14.30
Town Hall Dignitaries - 3 figures.....	£ 3.60	Painted 6 x working figures set 2.....	£ 14.30
Lych Gate (suitable for churchyard).....	£ 7.55	Painted 2 Wharfedale Figures.....	£ 14.30
Church Notice Board & Crucifix.....	£ 5.70	Painted 2 Wooden Barrels Weathered.....	£ 5.05
War Memorial.....	£ 6.25	Painted Lightbells and Stands.....	£ 9.05
Rag & Bone man & family.....	£ 8.65	Painted Mangle, tin bath and bucket.....	£ 6.50
Street Characters.....	£ 8.00	Painted Sundial, bird bath and flower pots/urns.....	£ 9.05
Knife Grinder & Hot Chestnut man.....	£ 8.65	Painted Water Butt and 4 Flower Pots.....	£ 9.65
4 Gardeners with tools, mower, etc.....	£ 6.25	Painted Private Siding Gate.....	£ 11.20
New 2 x Lawnmowers & Figs (ride on and push).....	£ 5.20	Painted Small 5 Bar Gate.....	£ 7.30
Blacksmith's Forge scene.....	£ 15.85	Painted 10 Chimney Pots (terracotta).....	£ 4.40
Illuminated Forge conversion (working kit).....	£ 4.80	Painted 6 Kings and Queens Pots.....	£ 8.85
2 street traders with barrows.....	£ 7.10	Painted 12 Round Chimney Pots (weathered).....	£ 8.85
8 soldiers & 1 Officer (1908-37).....	£ 7.50	Painted Milkman & Milk Cakes.....	£ 10.45
6 x 1950's seated figures.....	£ 5.40	Painted Loco Driver & Fireman.....	£ 5.65
6 x 1950's standing figures - set 1.....	£ 5.40	Painted 6 Seated Engine Crew.....	£ 14.30
6 x 1950's standing figures - set 2.....	£ 5.40	Painted Loco Crew 2 x Diesel Drivers.....	£ 5.65
6 x 1950's standing figures - set 3.....	£ 5.40	Painted Waterfall-owens and ducks etc.....	£ 10.90
		Painted Pigs / piglets and feeding troughs.....	£ 9.05
		Painted 5 Assorted Firemen Action Figures.....	£ 12.25



N Scale
Indoor Garage Equipment £6.35
Outside Garage Pumps £7.90

Loading Gauge.....	£ 3.65	1 x 70ft Holiday Canal boat.....	£ 10.40
2 small station name boards.....	£ 3.45	1x35ft 1x52ft Holiday Canal boats.....	£ 15.10
2 large station name boards.....	£ 3.45	AA Boxes x 2.....	£ 3.55
4 station seats & figures.....	£ 3.55	Bus Shelter with bus stop & figures.....	£ 3.55
12 loco lamps (6 square 6 round).....	£ 2.10	8 Pigs.....	£ 3.45
Water tank & swinging crane.....	£ 4.45	8 Sheep.....	£ 3.45
one ton Yard Crane.....	£ 5.20	10 Chickens.....	£ 3.45
2 pairs Crossing Gates.....	£ 5.00	2 Shire Horses.....	£ 2.90
1 pair Single Crossing Gates.....	£ 4.35	Pub/Cafe Scene.....	£ 6.05
3 Telephone boxes.....	£ 3.85	Funeral Scene.....	£ 4.45
Telephone Box Series1 etch brass.....	£ 4.15	White Wedding Scene.....	£ 4.60
5 Pillar boxes.....	£ 3.65	Cricket Game Figures.....	£ 6.45
Water Crane & fire devil.....	£ 4.25	Cricket Sight Screen and Scoreboard.....	£ 6.45
Dustbins - 6 large, 6 small.....	£ 3.85	2 Horse Plough and Ploughman.....	£ 5.00
4 traffic lights - single head.....	£ 3.85	15 ass Loco Lamps (square round, green).....	£ 2.90
4 Traffic lights - double head.....	£ 3.85	30 shell vents (extra detailing for coaches).....	£ 2.90
Police Telephone boxes x 2.....	£ 3.95	20 torpedo vents (extra detailing for coaches).....	£ 2.90
Canal set - 2 boats, 4 lock gates.....	£ 23.70	Ass Loco Vacuum Pipes.....	£ 2.90
Narrow lock gates.....	£ 7.50	Childrens Playground & figures.....	£ 9.25
72ft Industrial Motor Boat.....	£ 8.95	Church Lych Gate.....	£ 4.90
72ft Industrial Butty Boat.....	£ 8.95	Church Notice Board & Crucifix.....	£ 3.95
Wide Lock gates.....	£ 8.95	Foresters saw horse set and axe.....	£ 4.65
NEW Lock Wall Pack.....	£ 12.50	6 Large (50 gallon) Oak Barrels.....	£ 3.95
Transfers for industrial Canal boats.....	£ 4.65	Water Butt and 5 Tubs.....	£ 3.95

MORLEY CONTROLLERS

Experience the ultimate in controller technology!

VANGUARD ZERO ONE • 2 x 5mtr hand held controllers • 1 x 12V DC accessory • O gauge • Twin track £127 PLUS £6.90 P&P	VESTA ZERO TWO • 2 x 2.5mtr hand held controllers • 1 x 12V DC accessory • N gauge • Twin track £75 PLUS £4.80 P&P
VECTOR ZERO TWO • 2 x 2.5mtr hand held controllers • 1 x 12V DC accessory • OO/HO/N/OO9 gauge (1 amp per track) • 1 amp per track • Twin track £75 PLUS £4.80 P&P	VORTAK ZERO TEN • 2 x 5mtr hand held controllers • OO/HO/N/OO9 gauge (1 amp per track) • 2 x 12V DC accessories • Four track £135 PLUS £6.90 P&P

Each controller has state-of-the-art design, offering very best performance capability. Slow and fast speeds are superb. Internal separate transformers for each track from 220/240 AC mains and on-board CDU for point motors.

www.morleycontrollers.com
(Secure order site)

01704 533 116
(Overseas enquiries +44 1704 533 116)

PO Box 501, Southport, PR9 9ZL
Also at PO Box 1230, Wangara BC, Perth, Western Australia 6947
Tel: 0421 359 487. <http://aus.morleycontrollers.com>





N Gauge Society Open Wide

BR Vanwide kit The Society aims to encourage modelling and this simple kit is ideal for beginners. Transfers available to complete the kit. Comprehensive instructions and chassis included.



Kit Price £5

For introductory pack and free sample journal send £1.50 (£2.50 overseas) to:
Dept BRM, 52 Gainsborough Road, Wallasey, Merseyside CH45 8PT

www.ngaugesociety.com

PETER'S SPARES

**MODEL RAILWAYS LIMITED
MAIL ORDER & REPAIR SPECIALISTS**



- ♦ New & Used Hornby Spare Parts
- ♦ Our own spare parts made in China
- ♦ Locomotives and Rolling Stock
- ♦ Plastic Kits, Paints, Tools & Glues
- ♦ Digital Decoders & Controllers
- ♦ Locomotive Detailing parts
- ♦ Mega Steam Smoke Fluid
- ♦ Tracks & Train Sets
- ♦ We have it all at Peters Spares

NEED HORNBY SPARES?

Talk to Peter's Spares Over 2000
Different Hornby Spares in Stock.
East Kent Models Parts Are
Being Listed On Our Website.

We stock
10,000
items

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
21 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

BRITISH RAILWAY STATION TOTEMS ONLINE COLLECTABLES

we've put them back on the map!
Create your own personalised totem



Where will your journey take you...?

www.offtherailsigns.co.uk

Tel: 01903 751700
Email: info@rga.uk.com

SouthWest digital

Distributor
for the UK



Photos: Chris Perkins



The digital sound experts

Take a look at our **YouTube channel** See website for details
ALL products come with a 2 year warranty and FREE return postage

Close your eyes and
you're there!

UDRIVE

responsive sound algorithm

The highest quality sounds in all
gauges. A wide range of responsive
steam and diesel sounds developed
for the all new **UDRIVE**



Crystal clear digital sound

Test drive the latest loco sounds with stunning
clarity at SWD - call now for more info

T: 01934 515382 **info@swd4esu.co.uk**
www.southwestdigital.co.uk

• Looking for pre 2016 Hornby and Skaledale • Looking for pre 2016 Hornby and Skaledale •

8509 Single Tunnel Stone	£10.00	8734 Coaldrop Ramp 2	£15.40	9503 Magna Water Tower	£15.00
8510 Single Tunnel Brick	£10.00	8737 Gas Holder	£27.50	9512 Concrete Plate Layer Hut	£10.00
8511 Double Tunnel Stone	£114.50	8738 Retort House	£15.00	9530 Magna Booking Office	£13.00
8512 Double Tunnel Brick	£14.50	8739 Boiler House	£11.50	9531 Magna Waiting Room	£13.00
8526 Granite Wall Pack 1	£8.50	8740 Condenser Tower	£10.00	9532 Magna Engine Shed	£30.00
8527 Pack 2	£8.50	8742 NE RGoods Shed	£29.00	9533 Magna Goods Shed	£23.00
8538 Pack 3	£8.50	8745 Corner Walls	£6.50	9629 Nearly New Shop	£25.00
8539 Cotswold Wall Pack 1	£8.50	8749 Electrical Shop	£20.00	9633 Great Northern Station	£25.00
8540 Pack 2	£8.50	8753 Small Stone Cottage	£18.00	9634 Platform Signal Box	£20.00
8541 Pack 3	£8.50	8754 Toll House	£25.00	9635 GN Signal Box	£30.00
8544 Side Wall Tunnel Stone	£7.50	8755 Big Bins	£14.50	9636 GN Goods Shed	£40.00
8545 Side Wall Tunnel Brick	£7.50	8757 Container/Office	£12.50	9637 GN Engine Shed	£35.00
8576 Sarden Shed	£15.00	8758 St Marys Chapel	£19.99	9638 Station Shelter	£19.50
8577 Wheely Bins	£10.00	8759 Summer House	£15.00	9639 Water Tower	£16.50
8604 Platform	£9.50	8762 Litter Bin	£7.50	9641 Ash Plant	£35.00
8606 Canal Ramps	£13.00	8771 Bellamy's Office	£35.00	9643 Derelict Thatched Cottage	£7.50
8612 Extension Pillars Viaduct	£9.65	8772 Bellamy's Factory	£30.00	9645 Country Bungalow	£7.50
8613 Refuse Skips	£7.50	8774 Headstock	£24.50	9653 Baptist Church	£16.50
8621 LHTerrace	£15.00	8775 Upper Shaft Ho	£25.00	9655 Corner Shop	£25.00
8622 RHTerrace	£15.00	8777 Winding Engine House	£25.00	9659 Industrial Building	£20.00
8623 Corner Terrace Pub	£29.95	8778 Fan Ho	£20.00	9660 L R Viaduct	£29.50
8626 Fire Station	£25.00	8779 Compressor Ho	£25.00	9661 L R Factory	£20.00
8633 Covered Coal (Lime) Drop	£25.00	8780 Blacksmith	£17.50	9662 L R Modern Factory	£24.50
8636 Engine Station	£25.00	8781 Drinking Fountain	£10.50	9667 GWR Engine Shed	£35.00
8641 Footbridge N.E	£26.50	8786 Windmill	£45.00	9668 Tunnel Vent	£8.00
8642 Curved Platform rad 1	£9.00	8798 Scaledale East (DENT) Sta	£35.00	9674 Snow Huts	£18.00
8675 AWSBox	£10.00	8853 Scaledale East Signal Box	£19.99	9677 Herbert Lens	£23.00
8691 Rear Ext	£8.50	8854 Fan Drift	£11.50	9678 Emma Williams	£16.50
8692 Craft Corner	£15.00	8858 Waiting Room	£40.00	9680 Dent Station	£39.95
8693 Bretts Fabrics	£15.00	8956 Mineshaft Building	£20.00	9700 Sports For You	£16.00
8701 Police Station	£25.00	8978 Brick Wall Corners	£7.50	9707 Laundrette	£25.00
8706 Retaining Walls Brick 2	£12.50	8986 Brick Garage	£10.50	9709 Insurance Office	£27.50
8711 Cement Hopper	£25.00	8987 Anderson Shelter	£10.00	9714 Shop for Sale	£20.00
8712 Coal Hopper	£18.95	8989 Airfield Control Tower	£30.00	9716 Dry Cleaners	£21.00
8716 Country Station	£19.95	8991 Water Works Building	£21.00	9719 National Merc Bank	£25.00
8718 Lower Scaledale Shelter	£15.00	8993 Cleansing Tanks	£13.50	9721 Fishermans Cottage	£35.00
8721 Platform Signal Box	£12.50	9240 Thomas Dryfaw Signal Box	£22.00	9725 LMS Signal Box	£20.00
8724 Ruined Castle Corners	£22.50	9263 GT Waterton Station	£25.00	9726 LMS Water Tower	£17.00
8725 Ruin Castle Straight	£11.50	9501 3 Arch Viaduct	£25.00	9729 Signal Box	£22.00
8726 Ruined Castle Joints	£15.00	9502 Magna Small Waiting Room	£20.00	9730 Disused Signal Box	£13.50

Pennine Models at Haworth Wed-Sun 11am - 5pm

OXFORD **HORNEY** **DAPOL** **PECO**
33/35 Mill Hey, Haworth, Keighley BD22 8NQ
Tel. 01535 670249 Visit us on
penninemodels@gmail.com



9732 Roadover River Bridge	£27.00
9733 Works Office	£19.50
9735 Platform Shelter & Store	£19.50
9738 NER Weighbridge	£18.00
9742 NER Goods Shed	£32.00
9743 NER Platform Shelter	£12.00
9751 Hagley Footbridge	£25.00
9753 Model Shop	£25.00
9756 Highland Mills	£17.00
9756 Rainbow Carpets	£19.99
9757 Chapel	£19.00
9758 Highland Mills	£15.00
9759 L/R County Hall	£20.00
9760 L R Pickwick Books	£20.00
9761 Olde Tea Shop l/r	£15.00
9762 Holiday Coach Steps	£11.00
9763 Barbers Shop	£20.00
9764 Terrace Unpainted	£6.00
9765 Estate Agents	£29.99
9766 Maestro Market	£32.00
9767 Butchers	£27.00
9768 Pharmacy	£24.99
9769 Pine Shop	£20.00
9770 Corner Shop	£29.95
9771 Wine Bar	£20.00
9772 Dentist	£22.00
9773 Kings Arms	£29.95
9774 Nat Merchant Bank	£27.00

• REPAIRS DONE • CUSTOMERS WANTED!... With an eye for a bargain • DCC DECODERS FITTED •

YouChoos

DCC Sound

BE THERE WITH
immersive Drive

Active braking
Dynamic & exponential inertia
Consistent function keys
Smoothed transitions
More sounds
Realistic shunt mode
Light-engine for steam
Notching for diesel
Mute (fade in/out)
Volume controls
and more...

Isn't it time you dived into the best DCC sound?

01380 530530
www.YouChoos.co.uk info@youchoos.co.uk

The Lancashire & Yorkshire Railway Society

"Partners in Excellence with the National Railway Museum"

Model the LYR

Each year our 900 plus members receive

3 LYR Focus
48 pages full of
historical information

4 magazines
28 pages in full colour
with topical

Plus access to
12,000 Photo's
1,000 Drawings
Information

Membership £34 annually
International members £44

Join Online
lyrs.org.uk

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



Protocab

...every time

www.protocab.com 07831 231164

ADM TURNTABLES - INDEXING DRIVE SYSTEMS



W www.admturntables.co.uk

T 01933 411127

E alastair@admturntables.co.uk

'One of the best quality turntable drive units currently on the market'
BRM Magazine

ADM Indexing Drive Systems for 'N' and 'OO' gauge layouts**:

- Based on a commercially available turntable uniquely having the bridge live through 360 degrees, preventing breaks in sound equipped locos

- Is a quiet running system, driven by a toothed belt; powered by a stepper motor with up to 100 programmable indexing positions which we think makes it the ultimate 'indexing' turntable solution

** drive systems also available for other sized layouts

For more information please take a look at our website
www.admturntables.co.uk



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 Find us on f

AGR Model Railway Store
9 High Street Mews • 28 High Street
Leighton Buzzard, Beds LU7 1EA
Mon-Fri 9am-5pm • Sat 9am-4pm
01525 854788
www.agrmodelrailwaystore.co.uk
sales@agrmodelrailwaystore.co.uk



DESPERATION CONTEMPLATION GRATIFICATION

Get your retail therapy at

C&M Models

1 Crosby Street, Carlisle CA1 1DQ Tel: 01228 514689

Web: www.candmmodels.co.uk

E-mail: sales@candmmodels.co.uk

Opening Hours: Tuesday to Saturday, 10a.m. to 5p.m.

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, DJ Models, Graham Farish, Heljan, Oxford Rail, Peco, Dapol, Ratio, Wills, Superquick, Metcalfe, Gaugemaster, Parkside, Railmatch, South Eastern Finecast, Woodland Scenics and many, many more.

DCC equipment from DCC Concepts, ESU, Gaugemaster, Hornby and Bachmann. Sound decoders from South West Digital.

Also stockists of Die cast models including: Corgi, EFE, Oxford Die-Cast, Base Toys & Classix.

Modelling materials & tools.

New! Now stocking Vallejo Model Colour, AK pigments and washes

Wide selection of books, DVDs, videos and magazines.



Monday: Closed
Tuesday to Saturday: 9.00am to 5.00pm
Sunday: see website / call

Tel: 01420 542244

altonmodelcentre.co.uk

7a Normandy Street, Alton
Hants, GU34 1DD

ALL COMPONENTS LTD

Upper Owlbury House, Montgomery,
Powys SY15 6SZ

Tel: 01588 638678

www.allcomponentsltd.co.uk

P&P £4. Catalogue now available £4.95

Capacitor Discharge Unit

One CDU protects all your points from blowing. A must for any layout. **CDU £10.95**
If you are changing more than 2 points on 1 switch use **HBCDU £15.95**

LU10 VARIABLE LIGHTING UNIT

The OnTrack Controls LU10 powers up to 54 grain of wheat bulbs or 150 LEDs for lighting-up your layout, and also lets you vary the brightness. It has 2 x 12v DC outlets at 2.2amps on each winding. It is in a strong metal box, with moulded plug and lead.

£84.95 A Best Seller!



P1B4 - POINTS INDICATOR BOARD

Shows the direction of up to 4 points. Operated by Solenoid point motors with 4 individual sets of supplied red and green LEDs and remembers the direction when you next power up the layout. Easy to fit with clear instructions. **£22.95** for up to 4 pts.

VERY FINE WIRE 2m pkt for £3.95

3amp multi-strand flexible wire.
EW53 0.53mm dia in rd, bk, bl, gm, yl, bm, grey.
HS5 Heat Shrink Sleeve For Above £1.30

ROLLING STOCK DETECTOR

Operating on supplied light-dependent resistors, this easy-to-fit board shows where up to 4 locos are located.

RSD1 £23.95

• CASED TRANSFORMERS • SWANN
MORTON • MINIATURE TOGGLE SWITCHES
• HAND-HELD CONTROLLERS WITH
FEEDBACK • BULBS • LAYOUT WIRE
• XURON CUTTERS • READY CUT CORK

SALE SALE SALE SALE SALE SALE SALE SALE

DAPOL N:		HELJAN:	
25-008-001 60012 BR Grn Early.....	£103.00	1301 1363 GWR SB Green.....	£124.00
		1302 1364 GWR SB Green.....	£124.00
BACHMANN:		1303 1365 BR Black Late.....	£124.00
30-575 R'way Children.....	£100.00	1304 1366 GWR SB Green.....	£124.00
31-690 2965 LMS Black.....	£125.00	1321 1369 GWR SB Green.....	£124.00
31-691 42969 BR Black.....	£125.00	1600 D8400 BR Green.....	£105.00
31-932DC 40957 BR Early.....	£111.50	1601 D8401 BR Green SYP.....	£105.00
31-933 41157 BR Early.....	£102.50	1602 D8404 BR Grn SYP.....	£105.00
32-067 842 BR Blue.....	£108.00	2302 D5908 Grn Full Yell.....	£90.00
FARISH:		2320 D5900 Gloss Green.....	£101.00
372-185 46236 BR Black.....	£118.00	2322 D5905 Grn No Frost.....	£101.00
		2323 D5909 Green (W).....	£109.00

All subject to availability
UK P & P from £4.10 per order

We also stock OO & N gauge from Bachmann, Base Toys, Britbus, Classix, Dapol, Dornaplas, EFE, Farish, Gaugemaster, Heljan, Hornby, Humbrol, Kestrel, Metcalfe, Modelscene, Oxford Diecast, P. Dundas (N), Peco, Plastruct, Ratio, Superquick, Wills, Woodland Scenic & Deluxe Materials.

ONLINE SHOP www.churchstreetmodels.co.uk

Mon - Sat 09.30 - 17.30 • Closed Tues and Bank Holiday

Church Street Models, 10A, Church Street, Basingstoke, Hants, RG21 7QE

01256 358060 • Mail Order Welcome



CAMBRIAN 4mm Wagon Kits

Cambrian Models is now Cambrian Model Rail Limited. There is a new website with fully integrated online shop. Delivery from £1.45



C20 BR OTA-A 46tonne GLW TIMBER WAGON (1985) £10.30 (delivery £1.60)

Also available C21 BR OTA-C 46tonne GLW TIMBER WAGON (1985)

Wheels, couplings, paint and transfers needed.

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

cambrianmodelrail.co.uk

cmr@cambrianmodelrail.co.uk

01322 515672 2pm-4pm

PO Box 85, Greenhithe, Kent, DA10 9DN

MegaPoints Controllers

Awesome layout control system

Control your model railway points from one or more tactile control panels

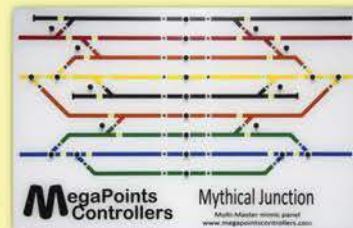
- NO SOLDERING! *It's all plug and play!* ✓
- Uses a single cable between each control board.
- Includes optional **feedback display** to show the position of your trains as they move around the layout
- Optional **bespoke professional mimic panel design** service.
- Control servos, traditional solenoids, stall motors and relays.
- Works with **analogue and digital** layouts.

See website videos and product pages for more information.

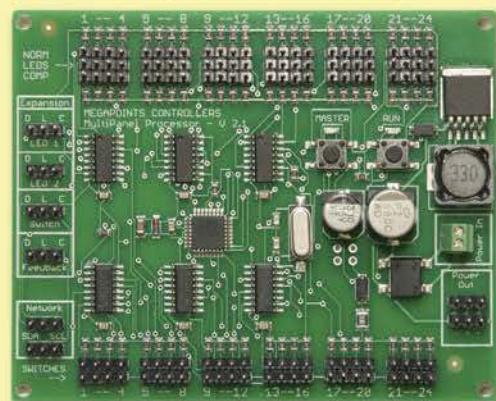
Our MultiPanel or MiniPanel control boards do it all! →

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

Colour-Rail



90,000 images of modern traction, steam, stations, infrastructure, buses and much more to buy as prints or downloads.

All at
www.colour-rail.com

Looking for a good home for your treasured negatives and slides?

Then e-mail colourrail@aol.com or write to
558 Birmingham Road, Bromsgrove, B61 0HT

Plastruct **Plastruct** **Plastruct**

Please ask your model shop for genuine Plastruct fineline Styrene structural shapes.

Range contains over 70 shapes including: Angles, I-Beams, Channels, Columns, Deep Channels, Tees and Z Sections, Round, Rectangular and Square Tubing, Plastic Strips and Sheetting, Scale Ladders, Stairs and Railings, Open Web Trusses.

Essential for all scratch model makers.

www.plastruct.co.uk

sleeper spacers, figures, footbridges, viaducts and more...

METCALFE **WOODLAND SCENICS** **OXFORD**

www.englishmodelrailways.shop

www.expressmodels.co.uk LIGHTING SPECIALISTS

The light at the end of the tunnel could be one of our high intensity headlights fitted to your loco.

We manufacture head and tail lights and coach lighting units for DCC and DC operation. We also make red or yellow oil type lamps for steam locos and flashing tail lights for coaches/wagons.

Why not save on postage and buy your smoke generators and decoders from us at the same time? Visit our website which has secure online shopping.

EXPRESS MODELS, 65 CONWAY DRIVE, SHEPshed, LOUGHBOROUGH, LEICS. LE12 9PP
Tel: 01509 829008 Fax: 01509 560878
Email: express.models@ntlworld.com

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

www.YorkModelrail.com

Precision laser cut architectural components and scenery detailing; helping you create your models

Unique range of laser cut parts, kits, tools & bespoke design service.
Laser cut plastics, timbers & card produce perfect results, with realistic depth, intricate detail and longevity

N, OO & O scales. Bespoke service for ALL other scales
Please visit our website to view all our products

York Modelmaking Printed price lists available 01904
Unit 13, Bull Centre, Stockton-on-the-Forest, York, YO32 9LE 400358

ECR EAST COAST RAILWAY

Tel 07748008108 & 01493655356
www.gscale.co.uk
email: gscale@outlook.com

£35.00
£20.00
£20.00
£20.00

RC LOCOMOTIVE - £130.00

THE BEST VALUE G SCALE 45MM GAUGE SPECIALIST & PIKO RETAILER

RC Plastic Track & Electric Metal Track

CARDIFF SMALL MODEL RAILWAY EXHIBITION

SATURDAY JANUARY 26th 10.00am to 4.30pm
The Scout Association Headquarters,
Fields Park Rd, Cardiff CF11 9HX

SPONSORED BY

12+ layouts / Demonstrations & Trade support
Refreshments
Free Car Parking
Easily reached by public transport

ADMISSION Adults £4 Children (under 14) FREE

The Old Warehouse Penarth Rd Cardiff CF11 8TT
OPEN Monday - Saturday 10-5.30
info@lordandbutler.com lordandbutler.com

029 2066 7225

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

MODEL RAILWAY SOLUTIONS

Dorset's Newest Modelling Centre!

- All well known brands stocked.
- Free on-site parking.
- Gift cards available.
- See website for our Modular Baseboard & Helix systems.
- We also purchase any unwanted railway items or collections.

NOCH **PECO** **KATO** **HORNBY**

Unit 1, 10-12 Alder Hills, Poole, Dorset. BH12 4AL. Tel: 01202 798068
www.modelrailwaysolutions.co.uk
Email: info@modelrailwaysolutions.co.uk

MODELIT

MODELIT Ltd, 5 HENACRE WOOD COURT, QUEENSBURY, BRADFORD, BD13 2LJ
Tele: 01274 817344 (mail order only - no callers)
Postage up to £25.00 value £2.99, over £25.00 £4.99

www.modelitltd.co.uk
Model Lamps for "N" & "OO"

"PLUG-IT" no soldering connecting system

Victorian Lamp green, red or blue 'N' or 'OO' £2.99
Double Electric Platform green, red or blue 'N' or 'OO' £3.29
Street Lamp (green) 'N' or 'OO' £2.99
Swan Neck Lamps BR(SR) 'OO' £2.99, BR(LMS) 'OO' £3.19, BR(GWR) 'N' or 'OO' £2.99
Dimmer Switch (reduce the brilliance of LED lights) £7.99
Modern Station/Street Lamp 'OO' £2.79
Gas Lamp (x2) 'OO' £2.99
Pendant Lamps (x2) 'OO' £3.99
Modern Station/Main Street Lamp 'N' or 'OO' £2.79
Yard Lamp 'N' £5.99, 'OO' £6.99
Wall Mount Lamp 'OO' £2.29
Flood Light 'OO' £7.99
Power Supply £19.99
Extension Lead 100cm £2.99
Extension Lead 30cm (x2) £3.99
Distribution Lead (5-way) 50cm £3.99
Light Leads 15cm approx
POWER SUPPLY WITH SOCKET 30cm
EXTENSION LEAD

MonkBar
Model Shop
Established in 1963

2 Goodramgate
York - YO1 7LQ
01904 659423
info@monkbarmodelshop.co.uk

00, N & O Gauge Model Railways

Open Monday - Saturday
9am - 5.30pm

Only a mile from the
National Railway Museum

Stockists of Hornby, Bachmann, Graham Farish, Peco, Dapol, Gaugemaster, Ratio, Wills, Woodland Scenics, Metcalfe, Oxford Diecast and many more

monkbarmodelshop.co.uk

MORRIS MODELS
NORTH LANCING

80 Manor Road, N Lancing,
West Sussex, BN15 0HD
Tel 01903 754850
www.morris-models.co.uk
info@morrismodels.co.uk

We are between Brighton & Worthing, just off A27 west of Shoreham Airport

BRITISH RAILWAYS
HORNBY, PECO, DAPOL, GRAHAM FARISH, HELJAN
PLUS MANY OTHER RANGES OF SCENIC
MATERAILS, BUILDINGS, VEHICLES etc

BICYC-LED
Cycles & M/cycles
with working
lights!!
See our webshop
for details
Easy free parking!!
Open Mon - Sat
9.30 to 5.00

CONTINENTAL RAILWAYS
FLEISCHMANN, Roco, BRAMA, TRIX, herpa, FALLER, PREISER, BUSCH, NOCH, MINITRAINS

Map showing location: MORRIS MODELS, A27, BRIGHTON, WORTHING, LANCING STN, BEACON GREEN, CHILVER CHAPPEL.

RADLEY MODELS
www.radleymodels.com

**DREADNOUGHTS
TO GO WITH THE
METROPOLITAN
BO-BO Sarah
Siddons BY
HELJAN
BUY IN KIT OR
RTR
RING 01425479377**



RON LINES

Large stocks of pre-owned railways, a selection of which is on our website.

We stock new Hornby, Bachmann, Graham Farish, PECO, Expo tools, Electrical components & much more.

We also purchase your unwanted railways, whether it's a single item or collection anything considered.

Whether you're a novice or an expert we are always happy to help!
So why not visit us today or give us a ring!

Tel: 02380 772 681
www.ronlines.com
342 Shirley Road, Southampton, SO15 3HJ
Open Mon-Fri 10am-5pm & Sat 9am-4pm

Kernow Model Rail Centre
f KernowModelRailCentre @kernowmodelrail

INTERMODAL

BACHMANN SCENECRAFT OO GAUGE




44-0009 Bachmann Scenecraft Container Terminal Crane.....£96.99

BACHMANN OO GAUGE




38-625 FGA BR Freightliner Outer Container Flats x 2 with ISO Containers.....£84.99

38-627 FGA BR Freightliner Outer Container Flats x 2 with Maritime Containers £84.99




38-626 FFA BR Freightliner Inner Container Flat B602126 w/ ISO Containers £42.95

38-628 FFA BR Freightliner Inner Container Flat 602132 w/Maritime Containers £42.95

REALTRACK MODELS OO GAUGE




K9987 Class 37 & Dapol IDA Wagon FLA001 FLA Twin Container Wagon No. Bargain Pack.....£179.99

606143 + 606144 Freightliner.....£39.99

HORNBY OO GAUGE




R6849 KFA Container Wagon No. TIP R6850 KFA Container Wagon No. TIP H93423 Tiphook Rail livery.....£31.99

93455 Tiphook Blue.....£31.99

DAPOL OO GAUGE




FEAB Spine Wagon in Freightliner livery IDA Super Low Container Twin Wagon DRS 4F-044-005 No. 640221 + 640222 £39.99

4F-054-001 No. 39 70 490 1000-2. £39.95

4F-044-006 No. 640309 + 640310 £39.99

4F-054-002 No. 39 70 490 1004-4. £39.95

4F-044-007 No. 640155 + 640156 £39.99

4F-054-003 No. 39 70 490 1005-1. £39.95

4F-044-008 No. 640177 + 640178 £39.99

4F-054-004 No. 39 70 490 1011-9. £39.95

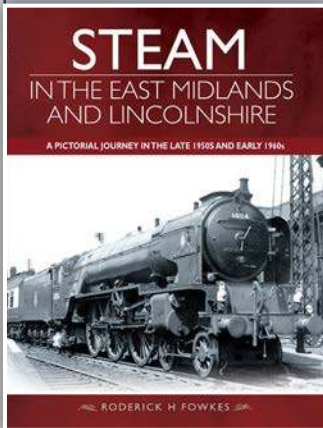
KEEP UP TO DATE THROUGH OUR WEEKLY NEWSLETTER. SIGN UP VIA OUR WEBSITE TODAY

Visit www.kernowmodelrailcentre.com to see our full range of models and accessories or call our team on 01209 714099

UK POSTAGE & PACKING = £4 PER ORDER. OVER £175 = POST FREE

SHOP HOURS: MON-SAT: 09.30-17.00 SUN: 10.00-16.00

98A Trelowarren Street, Camborne, Cornwall, United Kingdom, TR14 8AN



STEAM IN THE EAST MIDLANDS AND LINCOLNSHIRE

Roderick H Fowkes

This weighty tome is subtitled A PICTORIAL JOURNEY IN THE LATE 1950s AND EARLY 1960s, and that's exactly what it is, in black & white (which is most-appropriate). In its 150 pages, the major railway centres are covered in the areas (though Leicester and Loughborough are omitted) as well as some of the lesser-known (and delightful) byways. As usual in books of this sort, locomotives take centre stage, with build-dates and scrapping dates for most of those illustrated included. Though this is useful, I feel much more might have been written about the infrastructure (most now long-gone) and trains. Though odd vehicles are mentioned, there are some delightful examples which are shown for which no comment is made. I was particularly interested in the shots at Saxby Junction and, especially, the last Chapter on Grantham (though I'd call SILVER LINK the 'doyen' of the A4s, even if MALLARD is the most famous), Printing values are generally good, and there are several clear maps and tables at the rear. This is a most useful volume for modellers of this popular period.

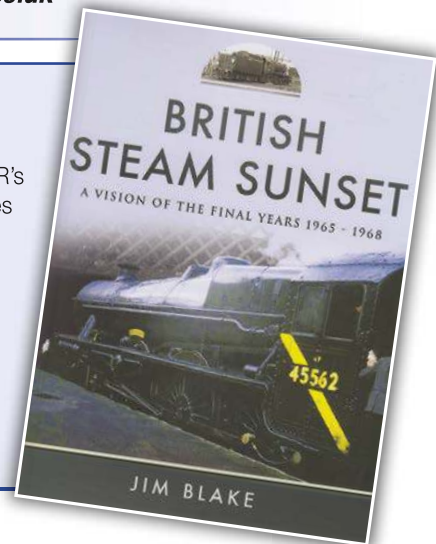
Price: £25.00 ISBN: 978 1473896290 W: www.pen-and-sword.co.uk

BRITISH STEAM SUNSET. A VISION OF THE FINAL YEARS 1965-1968

Jim Blake

This 112 page, black and white pictorial volume portrays a rather gloomy (if natural for the time) picture of BR's steam during its death throes. In fact, one could almost call it lugubrious, though appropriate. Typical features apply – locos filthy dirty, bereft of nameplates (when they'd once had them) and front numberplates either missing or replaced by crude, hand-painted substitutes. The geographical spread is (obviously) restricted, but most areas where steam survived are represented. Printing values are generally good, with just a few rather 'muddy' reproductions. Even though the images are 'only' in black and white, they show a wealth of detail for those who might indulge in 'extreme weathering': some of the locos shown display heroic levels of decrepitude. An index of locos and locations would have been handy.

Price: £19.99 ISBN: 978 1473857104 W: www.pen-and-sword.co.uk

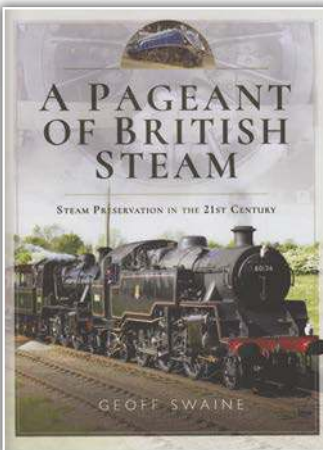


A PAGEANT OF BRITISH STEAM. STEAM PRESERVATION IN THE 21ST CENTURY

Jim Geoff Swaine

This is a much more optimistic book than the one covering the end of steam (as it should be?). Its 134 pages are lavishly-illustrated in full colour throughout, showing examples of just about ever preserved standard gauge steam locomotives. Preserved narrow gauge railways are not represented. Locations range from preserved lines through to main line running. The colour reproduction and printing values are first class and the captions are informative. There's a useful index of standard gauge preserved railways, as well as a general index. Though preserved, some of the locos illustrated show evidence of work-stains, and are useful as such for modellers. Speaking of modellers, I'm surprised that the period described is not more popular with those who build layouts. Think about it; almost anything preserved, goes.

Price: £25.00 ISBN: 978 1526717573 W: www.pen-and-sword.co.uk

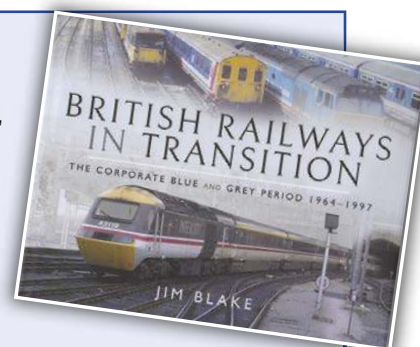


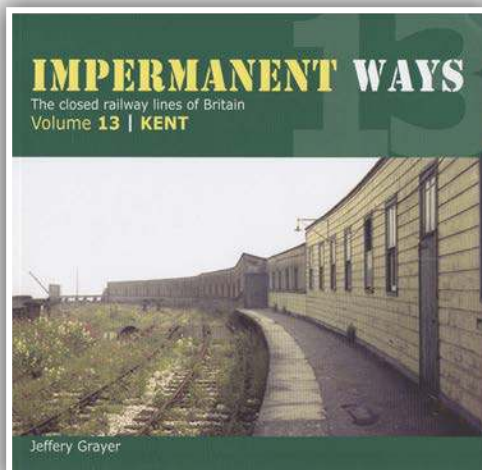
BRITISH RAILWAYS IN TRANSITION. THE CORPORATE BLUE AND GREY PERIOD 1964-1997

Jim Blake

This A4 landscape volume describes a particularly-fascinating period in the history of the railways in our realm, ranging from when steam was disappearing through to Privatisation. I'm slightly surprised to see almost no images showing the more modern types running through a steam-age infrastructure – for instance, semaphores on the ECML proper didn't disappear until 1977 and semaphores in the West Country east of Cornwall didn't go for a decade later. It's good to see some of the lesser-known types of motive power illustrated, and some more obscure locations, but several areas are not represented. In general, the colour reproduction is excellent, but much of the black and white imagery is rather 'flat' and lacking in contrast. Certainly, for modellers of this more modern era (though it finished over 20 years ago!), this book should prove to be invaluable, though the inclusion of an index would have been useful.

Price: £25.00 ISBN: 978 1526703165 W: www.pen-and-sword.co.uk





IMPERMANENT WAYS THE CLOSED RAILWAY LINES OF BRITAIN VOLUME 13 KENT

Jeffery Grayer

This soft-back volume illustrates abandoned railways and stations in the Garden of England. There is an excellent mix of pre-closure pictures and shots taken after closure, usually not long after. The reproduction is generally excellent, with a good mix of colour and black and white images. There is a lovely facsimile map included, showing all the routes which used to exist in Kent, and an excellent index. It's not just bucolic byways which have closed, and the crumbling former grandeur of Dover Marine and Tunbridge Wells West stand as a stern reminder of the transience of any of our railways.

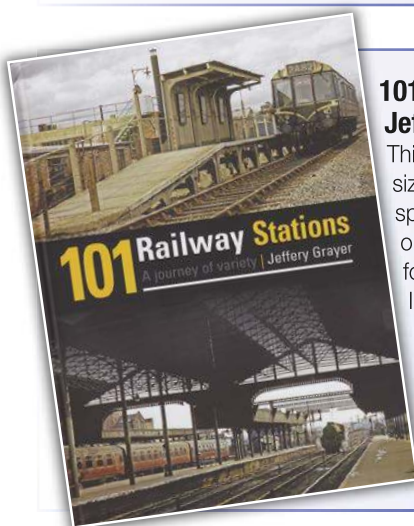
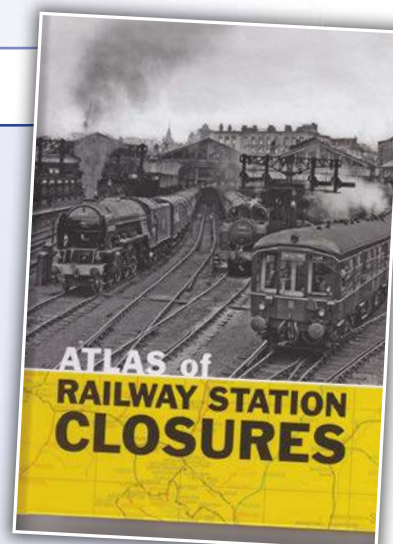
Price: £12.99 ISBN: 978 1909328754 W: www.crecy.co.uk

THE KING'S CROSS STORY

Peter Darley

This is a great and invaluable source of reference, though the title is slightly misleading because all stations currently open are also included. It's a sort of updated (and much-improved) Gazetteer (which Ian Allan used to publish). The maps are easy-to-read and entirely comprehensive, with larger-scale ones for large urban areas. The work is supplemented by a photographic 'Gallery' section, which, though beautifully-reproduced, is rather depressing. There is an excellent Railway Companies' index, and a huge index listing every British Station, those still extant in green. It's a sad fact, that the black stations are very, very numerous. For any railway enthusiast, whether interested in the prototype or models, this book is a must for any bookshelf, if only to confirm how much has been lost forever.

Price: £25.00 ISBN: 978 0 860936770 W: www.crecy.co.uk



101 RAILWAY STATIONS A JOURNEY OF VARIETY

Jeffery Grayer

This is indeed a 'journey of variety, featuring as it does 101 railway stations, mostly abandoned, ranging in size from the likes of Leeds Central and Birmingham New Street to the tiny Black Dog Halt. The geographical spread is varied, with wonderful snippets of old Ordnance Survey maps showing you where the stations are or once were. I must admit that, although the work is beautifully-illustrated, with first-class reproduction, I found it rather depressing. Not with the standard of the book, but take Seaton Junction for instance. Where I once stood, many years ago, and watched a rebuilt 'Merchant Navy' go screaming through at the head of a huge Up train, all I see is abandonment and, apart from a single running road, desolation. However, forget my nostalgic prejudices, this is a book worthy of inclusion in any railway enthusiast's library. There's even a new station included as well; at Cranbrook in Devon. It would be dead easy to model!

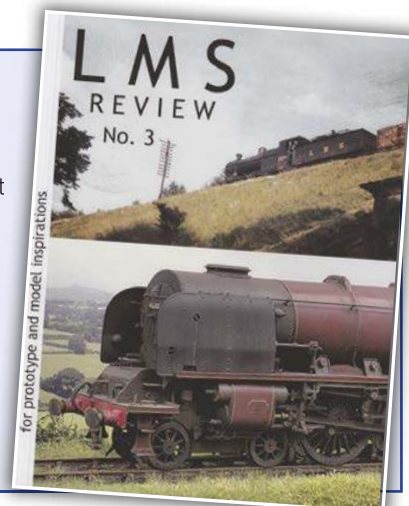
Price: £25.00 ISBN: 978 0860936923 W: www.crecy.co.uk

LMS REVIEW NO.3 FOR PROTOTYPE AND MODEL INSPIRATIONS, 1948-1964

John Harvey

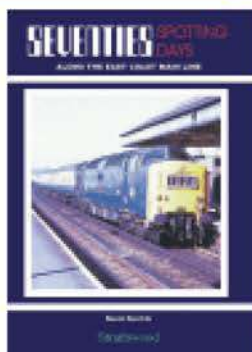
Having been a past-President of the HMRS, I should (indeed I must) declare an interest. That said, no vested-interest from my past would prevent me from recommending this wonderful book entirely without prejudice or preference. It is simply one of the best, one of the most-scholarly and most-necessary volumes of recent times it has been my privilege to review. The standard of reproduction is excellent throughout, with many images featured in full-colour. Anyone contemplating making a Southern Region model (of anything) should not be without this invaluable work. Indeed, no modeller of any BR region should be without it either, because there's a series of colour swatches showing all BR's colours. There is also a series of actual BR, SR civil engineering drawings showing how all the structures and infrastructure should be painted, even down to cupboards. Entirely recommended.

Price: £19.95 T: 01235 816 478 ISBN: 978 1908763 150 W: www.hmrs.org.uk



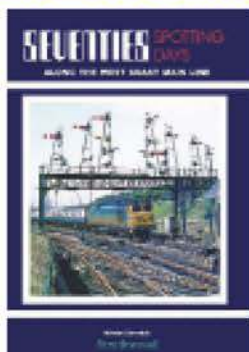
STRATHWOOD

Celebrate with these additions for your home library but be quick as we have massively reduced our print runs



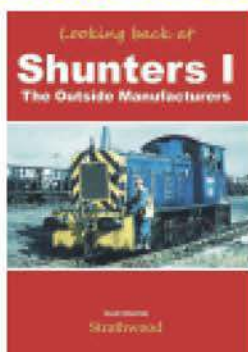
Seventies Spotting Days along the East Coast Main Line
£22.95

96 pages full-colour HARDBACK



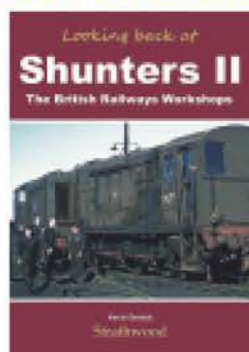
Seventies Spotting Days along the West Coast Main Line
£22.95

96 pages full-colour HARDBACK



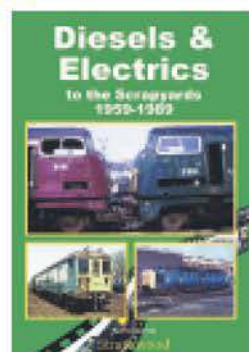
Looking back at Shunters I The Outside Manufacturers
£22.95

96 pages full colour HARDBACK



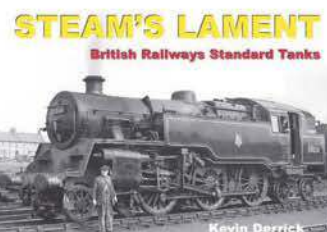
Looking back at Shunters II The British Railways Workshops
£25.95

120 pages full-colour HARDBACK



Diesel & Electrics to the Scrapyards 1959-1989
£22.95

96 pages full-colour HARDBACK



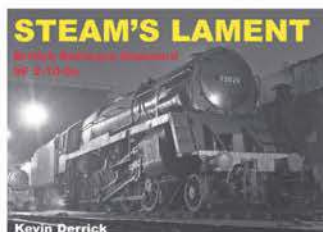
Steam's Lament British Railways Standard Tanks
£25.95

128 pages black & white HARDBACK



Steam's Lament British Railways Standard Pacifics
£25.95

128 pages black & white HARDBACK



Steam's Lament British Railways Class 9F 2-10-0s
£25.95

128 pages black & white HARDBACK



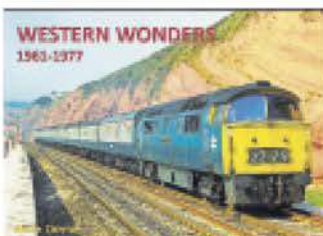
Steam's Lament British Railways 4-6-0s & Moguls
£25.95

128 pages black & white HARDBACK



Steam and the Scrapyards
£25.95
(SELLING FAST)

128 pages black & white HARDBACK



Western Wonders 1961 - 1977
£22.95

96 pages full-colour HARDBACK



Class 40 Celebration 1958 - 1988
£22.95

96 pages full-colour HARDBACK



Fifty Years of Class 50s
£22.95

96 pages full-colour HARDBACK

Sorry Now Sold Out
Deltic Devotion & Large Logo Salute

Postage & Packing £2.95 UK ORDERS
Overseas please add 20% sent via Surface Mail



Strathwood, 9 Boswell Crescent, Inverness, IV2 3ET
TELEPHONE ORDERS 01463 234004



www.strathwood.co.uk

Mike Pett Supercast, Model Railway Figures



Edwardian Lady & Track Worker
Hand Painted models OO Gauge £4.99ea
Unpainted models OO Gauge £1.99ea
Minimum Order 2 Figures. Postage & packaging OO Gauge £2.75 O Gauge £3.50

SUPERCASE VOTED WINNER Model Rail National Awards for Figures
Please make cheques payable to: Mike Pett, 12 Chatham St, Ramsgate Kent, CT11 7PP
T: 01843 593417/07976 724225 Email: mikepettsupercast@gmail.com

As seen on page 84

ISINGLASS

Isinglass-Models.co.uk

3D printed carriage body kits and roof profiles in 4mm and 7mm LNER Scale Drawings.

27 Grange Road, Toddington. LU5 6BZ
Email: Andy@Isinglass-Models.co.uk

LASER CUT TRACKSIDE KITS & ACCESSORIES IN OO

LX200-00 Yard Lighting Tower (50ft) Only £7.99
Incredibly sturdy laserboard kit.
Working illumination option available soon!
Choice of ladder configurations.

KX044-00 Low Relief Terraced House End Wall Twin Pack Only £7.99

scalemodelscenery.co.uk

Order online or call 01530 456952

Visit → scalescenery.com
Download → Print → Build

NEW Industrial Boxfile Layout

A complete micro layout for ONLY £9.99

Includes choice of siding colours

Safely 'flat-packs' away in boxfile

Buy once unlimited prints

Card kits that pass closer inspection

scale scenes .com

CM3MODELS

LASISDCC CHIPS IN STOCK



LAYOUT BUILDING SUPPLIES

Seafoam trees, Foliage / Lichen and Scatters
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 Scalescenery Kits

Call: 0333 0502763 • Email: sales@cm3models.co.uk

www.cm3models.co.uk

Shady Lane Models
Model Railways

01237 238872
shadylane@live.co.uk
www.shadylanemodels.co.uk

Retailers of Bachmann, Hornby, Peco, & many other main manufacturers including Scalextric, Airfix, Woodland scenics.

New & pre-owned stock

Open Mon to Sat 9.30 to 5.00 (6pm Tues)
11 Grenville st, Bideford, Devon, EX39 2EA

THE HOBBY SHOP

Est. 1988

www.hobb-e-mail.com 01795 531666 info@hobb-e-mail.com

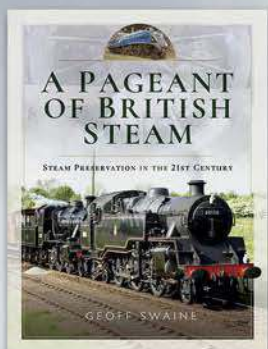
85 Preston Street, Faversham, Kent. ME13 8NU



37425 "Concrete Bob" in DRS livery in both DC & DCC Sound versions

 PEN & SWORD BOOKS
TRANSPORT TITLES

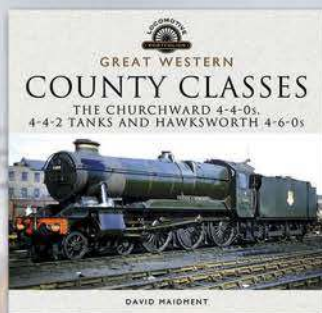
25%
DISCOUNT



WAS: £25.00

NOW: £18.75

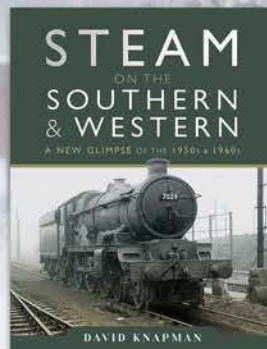
ISBN: 9781526717573



WAS: £30.00

NOW: £22.50

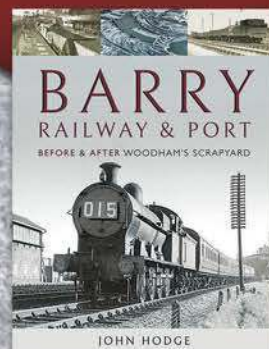
ISBN: 9781526706379



WAS: £25.00

NOW: £18.75

ISBN: 9781473892408



WAS: £30.00

NOW: £22.50

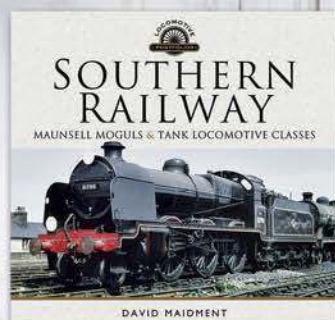
ISBN: 9781526723833



WAS: £25.00

NOW: £18.75

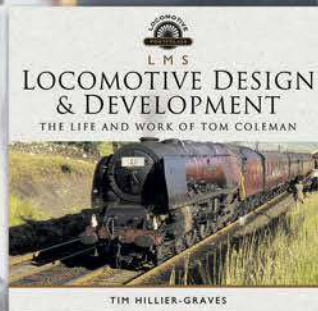
ISBN: 9781526703163



WAS: £35.00

NOW: £26.25

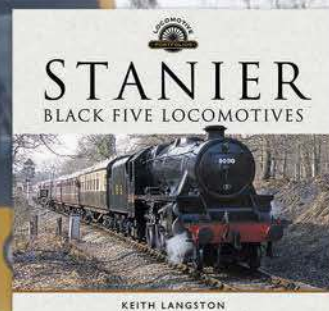
ISBN: 9781526732132



WAS: £40.00

NOW: £30.00

ISBN: 9781526721624



WAS: £40.00

NOW: £30.00

ISBN: 9781526719058

TO ORDER CALL AND QUOTE CODE **RM0001** TO RECEIVE YOUR 25% DISCOUNT:

01226 734222 OR ORDER ONLINE www.pen-and-sword.co.uk



PEN & SWORD BOOKS LTD

Trains4U.com 27 St. David's Square, Fengate,
Peterborough, PE1 5QA
Open Tues-Fri 9:30-5:00, Sat 9:00-5:00, Sunday 10:30-3:30, closed Monday

Revolution N CAVALEX Models **dapol** **GRAHAM FARISH** by BACHMANN

Huge range of Models in N, OO & O. Used items bought & sold. Free parking

Re-painting Service available

DCC & DCC Sound Fitting
Repairs & Servicing
Custom Weathering
Custom Detailing
Renaming
Renumbering

Call or email for details

Scenic materials, tools, paint, track & accessories, Plastic kits, Games Workshop, Scalextric

Tel: 01733 895989 e-mail: Trains4U@BTConnect.com

GOLDEN VALLEY HOBBIES
Building Sites & Construction

Buildings: 3857 Building Site With Building Brick £46.13
Buildings: 3857 Building Containers £19.95
Buildings: 39117 Crane With Turntable Stock £19.94
Buildings: 39418 8 Skips and Containers £15.41
Buildings: 42541 Construction Trailers & Portaloos £9.90

Excavators: 11385 LIEBHERR Hydraulic Excavator £28.82
Trucks: 14070 Dump Truck £14.50
Buildings: 1179 Real Wooden Planks And Beams £2.27
Buildings: 1621 Construction Fence £14.33
Buildings: 7531 Brick Rubble £1.99

www.GoldenValleyHobbies.com
Unit 1 Pontinas Business Park, Pontinas, Herefordshire, HR2 0AZ
See our website, write or call to order. Trade enquiries welcome. 01981 241 247
Prices are correct at time of print and are subject to change

TOWNSTREET OO

Send £3.80 post free for our 60 page OO 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**

SOUTH EASTERN FINECAST

Southern Railway
Maunsell W Class
2-6-4Tank

Loco Kit (including chassis) £99.95 Chassis only Kit £39.95
Wheel Pack - Romford (price subject to change call for quote) - Scale Link £39.10 Motor Pack (Mashima 1624 limited availability) £39.95

Don't forget our other ranges :-
VAC formed Building Sheets in 2, 4, 7 & 10mm scales - Flushglaze Window packs
1/24 & 1/34 CAR KITS - 1/32 TRACTION ENGINE KITS
4mm LOCOMOTIVE KITS including the NUCAST PARTNERS range

Email or SAE for Price List
GLENN HOUSE, HARTFIELD ROAD, FOREST ROW EAST SUSSEX RH18 5DZ
Tel : 01342 824711 email : dave@sefinecast.co.uk
www.sefinecast.co.uk

TRACKSHACK
For Service, Price & Delivery

CRIKEY!

- Fast, easy to use website!
- Clear live stock levels!
- Unbelievably fast dispatch!
- Legendary rapid low cost UK delivery!
- Free delivery on orders over £100!
- Award winning customer service!
- And now...

We constantly compare our prices to ensure that you get the best deal at Track-shack.com

2018 Gold Trusted Service
★★★★★
feefo

PECO **GRAHAM FARISH** By Bachmann **BACHMANN** RANGH LINE

WOODLAND SCENICS **HORNBY** **PARKSIDE** PECO MODELS **GAUGEMASTER** **PLASTIC** RATIO MODELS **WILLS-KITS**

METCALFE Models & Toys Ltd **OXFORD** RAIL **dapol** Model Railway Company

www.track-shack.com
Tel: 0330 0885759 UK local rate call
Or visit us in-store at
Units 4-8 Olive Court, Ramsey Road,
Peel, Isle of Man IM5 1RH



Registration is now open to reserve your model of English Electric gas turbine GT3.

Please visit www.krmodels.co.uk/gt3-gas-turbine and fill in the details
(Deposits are not required at this stage)

MODELS TRAINS & ACCESSORIES - WE SELL ALL MAKES, MODELS & ACCESSORIES



RAILWAY CONDUCTOR



Also Die Cast - Radio Controlled - Toys - etc.

T: 01327 439736 • M: 07961 757094 • E: therailwayconductor@outlook.com

www.therailwayconductor.co.uk

Unit 2, The Old Dairy Craft Centre, Upper Stowe, Nr Weedon off A5, Northamptonshire NN7 4SH



**SHOP OPEN 7 DAYS A WEEK
FREE PARKING**

- Mon to Sat 10.30 - 17.00
- Sun 11.00 - 16.00

out of hours please call mobile thanks

**WE STOCK 00, N, 0, 00-9 & G
GAUGE. TOP PRICES PAID FOR
USED ITEMS, PLEASE CALL TO
ARRANGE A VALUATION**



We do repairs, Servicing & DCC Fitting.
We also build layouts to your specifications.



Airbrushes.com

The Airbrush Company Ltd

LIFECOLOR
ACRYLIC HOBBY COLORS



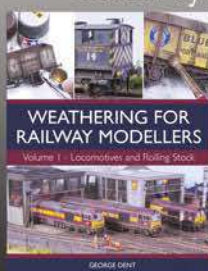
LC-CS21

LIQUID
PIGMENTS

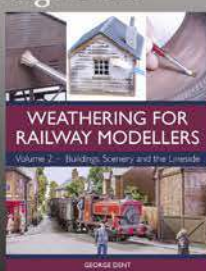


LC-LP05

Books by George Dent



90WRM1



90WRM2

iwata

Professional airbrushes,
compressors and accessories.



IWCL-500



IWCL-100

SPARMAX Air Compressor
ZETA



C-AC-ZETA

Detachable Smart-Stop
hanger and regulator can be
positioned on your worktop!

www.Airbrushes.com

01903 767800

sales@airbrushes.com

4D modelshop materials + services



LANDSCAPING & SCRATCH BUILDING



PHOTOETCHING & DRY TRANSFERS

The Arches 120 Leman St London E1 8EU ☎ 020 7264 1288
www.modelshop.co.uk Tower Hill / Aldgate Stations

Flangeway® Snowploughs

Available for pre-order -
general release spring 2019

£37.95 each + p&p



IS14 - Flangeway DB 965206 - BR Plain
Black Independent Snowplough - Era 6



IS15 - Flangeway ADB 965228 - Buxton
Independent Snowplough - Era 7/8



IS16 - Flangeway ADB 965226 - Buxton
TMD Independent Snowplough - Era 7/8



IS17 - Flangeway ADB 965240 - Old
Oak Common Independent Snowplough
- BR Blue - Era 7



IS18 - Flangeway ADB 965205 - Inverness
Independent Snowplough - Highland Stag
- Era 7-9



IS19 - Flangeway ADB 965230 - Network
Rail Independent Snowplough - Era 10

pre-order online @ www.footplate.co.uk

101 Comberton Hill, Kidderminster, DY10 1QH
01562 750076 - sales@footplate.co.uk
www.footplate.co.uk

FOOTPLATE
101 COMBERTON HILL,
KIDDERMINSTER, DY10 1QH

BRM
BRITISH RAILWAY MODELLING

SUBSCRIBE TO
THE DIGITAL BRM
for just £30.99 for
13 issues!

www.brmm.ag/brmdigitalsub



TRACKS

Jump aboard
**THE ULTIMATE
TRAIN SET GAME**

**Buy
it now**

EXCLUSIVE
25% OFF
USE THIS CODE
AT CHECKOUT:
BRM25
EXCLUSIVE

GO TO
www.tracksthetrainsetgame.com



Suite 11, Borough House, Marlborough Rd, Banbury, Oxon OX16 5TH • Tel: 01869 338428
Developed by Whoop Group



TONYS TRAINS



New and Used Model Railways. Hornby, Bachmann, Heljan, Dapol, PECO, Oxford, Gauguemaster and more....
Large selection of 2nd hand models. Mail order available, pre-orders welcomed.

Open: Tuesday to Saturday 10AM - 5PM (4PM on Saturdays)
Tel: 01788 543442 email: tony@bmrail.co.uk web: www.bmrail.co.uk
Studio 4, The Locks, Hillmorton, Rugby, CV21 4PP

WE BUY YOUR MODEL TRAINS

GOOD PRICES PAID, PLEASE CALL TO ARRANGE A VALUATION



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

**PHONE FOR
FREE LIST**

BRM

BRITISH RAILWAY MODELLING

**Subscribe
today!**

Call our hotline

**01778
392002**

TRAINSTOP
digital

10 High Street,
Knighton,
Powys LD7 1AT

www.trainstop.co.uk

LARGE RANGE OF
NEW RELEASES AND
DISCONTINUED OO AND N
GAUGE STOCK
- well worth a visit!

All stock is brand new direct from
manufacturers. Visit our website as
we have some hidden gems.

Call us: 01547 520673
Email us: sales@trainstop.co.uk
Visit us: at our well stocked
Mid Wales Shop

EXCLUSIVE

Bachmann/NRM Class 66 No. 66779 'Evening Star'

DCC
READY

BELLS IN ACCESSORY PACK

£169



AVAILABLE NOW

ALSO AVAILABLE NOW: GNR Stirling Single Original/Current Tender £249 DCC

EXCLUSIVE

Oxford/NRM GWR Dean Goods No. 2516

SOUND NOW AVAILABLE

£225



DCC
READY

ALSO AVAILABLE DCC READY £125

LOCOMOTION

SEE US AT GLASGOW SHOW 22-24 FEB
FOR NEW AND EXCLUSIVE MODELS, SHOW OFFERS + MORE

EXCLUSIVE

Hornby Black 5 LMS 5000

AVAILABLE NOW

£169



DCC
READY

EXCLUSIVE

Hornby Q1 Southern C1 Sunshine Livery

AVAILABLE NOW

£109



DCC
READY

www.locomotionmodels.com the NRM's online model shop

Locomotion, Shildon DL4 2RE Tel: 01904 685785

MODELS FEATURED
OO GAUGE



FOLLOW US



@LocomotionSHD

Visit the Locomotion Museum Shop for:



All prices and offers
are subject to change
without notice

Downloadable Model Railway Card Kits
Instant Downloads Straight to your Computer
from **www.3dk.ca**

3dk



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.

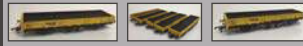
www.3dk.ca

Limited edition OO wagon
North Lonsdale Tar Macadam,
Ulverston



Only available from
Crafty Hobbies
54 Cavendish Street
Barrow in Furness
Cumbria LA14 1PZ
Tel 01229 820759

FTG MODELS
FILLING THE GAP MODELS
BRINGING READY TO RUN MODELS
TO THE RAILWAY ENTHUSIAST



Set of 5 "OO" gauge SPA
- Wagon in Network Rail Livery -

Only 14 sets left
Call now to reserve yours

£105 inc P&P to UK address
www.ftgmodels.co.uk
stpaddy9001@aol.com

**Northumbrian
Painting Services**

Manufacturer of metal railway figures and Resin scenery suited to railway enthusiasts of all ages. Figures available in N Gauge, OO Gauge and O Gauge. Resin Scenery available in all sizes.

Tel: 01434 600529
www.paintinghistory.co.uk

NEW Resin Barns available now



NEW Pony and Carts available now



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.

Sommerfeldt Over head Catenary System
Overhead Catenary System for 'O' 'N' & 'HO' also Pantographs

www.blackwells-miniatures.com
Blackwells of Hawkwell
Tel: 01702 200036 • sales@blackwells-miniatures.com
P.O.Box 2099 Hockley, Essex SS5 4UY

Heki Trees & Scenics
Trees & Scenic Materials, Card Buildings, Roadways, Grass Mats, etc.

3mm Scale Model Railways
4 Greenwood Drive, Redhill, Surrey, RH1 5PJ. Tel: 01737 761919

40 Page Full Colour Catalogue £4.50
Catering exclusively for TT and 3mm Scale
www.3smr.co.uk

BlackBeetle, BullAnt, Halling, Tenshodo
www.motorbogies.com



ALPHAGRAPHIX
sirberkeley@outlook.com
7mm Scale etched brass locomotive and carriage kits for Col. Stephens Light Railways

Send 6x 2nd Class Stamps for CATALOGUE

23 Darris Road, Selly Park, Birmingham B29 7QY



SE&CR 'P' Class
Kit £120

**WANTED - MODEL RAILWAY
& COLLECTABLES**

Top Prices Paid

For all makes, all gauges and live steam, aeroplane kits, boats, die cast etc.

Instant cash paid - Will travel to collect

DB MODELS LTD. 01778 420 066
07723 336344
email: pre-owned@dbmodels.co.uk

THE MODEL RAILWAY SPECIALISTS

Unit 3 The Arena, Roman Bank, Bourne, Lincolnshire, PE10 9LQ

Visit our website

www.dbmodels.co.uk


Tel: 01933 355531
Mobile: 07969 535 699

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, Genesis, Slaters, Ian Kirk, Red Panda, Dapol, Kadee, Ratio, Peco, Precision Paint, Modelmaster, Labelle Oils, Alan Gibson, Romford, Seuthe, Smiths

Order on line at: www.hamodels.net or ring us (same day or next day despatch)

Precision Paint - pre order and pick up at exhibitions (minimum two weeks notice)

February Exhibitions - 2nd/3rd Stafford ST18 0BD - 9th/10th Doncaster DN2 6BB - 16th Biggleswade SG18 8JB

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: sales@redcarmodels.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 









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 NESTLE '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)

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

01 983 406 616 - www.trainshop.co.uk

Skytrex Model Railways

Unit 1 Charnwood Business Park, North Rd, Loughborough, Leics LE11 1LE
 tel: 01509 213789

For OO Gauge
www.skytrexmodelrailways.com

For O Gauge
www.ogauge.co.uk

Free subscription to newsletters!
 Details on websites

BRM

BRITISH RAILWAY MODELLING

Subscribe today!
Call our hotline on
01778 392002

GREAT NEWS!

Train Times Model Shop

is now open again.

Find us at
37 Seaside, Eastbourne, BN22 7NB

(01323) 722026
traintimestoo@gmail.com
www.traintimesmodelshop.com








Malc's Models

- All gauges of model railways
- New & Second Hand
- Stockists of Woodland Scenics & PECO Scenery
- Diecast models
- We also repair most makes of locos



Open Mon-Sat 10am-5pm
 Closed Weds & Sun

2-4 Pelham Street, Ilkeston, DE7 8AR
Tel: 07786 896807
www.malcsmodels.co.uk
malcolmgrubey@btinternet.com

High Lane Model Railways

Stockport Indoor Market,
 Market Place, Stockport SK1 1ES
 Email: info@highlanemodelrailways.co.uk
 Tel: 07955 362105

Stockists of
 JAVIS • HORNBY • GAUGEMASTER
 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

JACKSONS MODELS & RAILWAYS

TEL. 016973 42557



Stocking Model Railways from Bachmann, Farish, Woodland Scenics, Peco, Dapol, Hornby, Metcalfe, Oxford, Javis, Expo etc.

Shop Opening Hours: Monday-Friday 9am-5pm
 Thursday 9am-6pm Saturday 9am-1pm
 Wednesday & Sunday Closed

33 NEW STREET WIGTON CA7 9AL
WWW.JACKSONSMODELS.CO.UK

TRUCKS • CARS • KITS • PLANES • TOY SOLDIERS • RAILWAYS

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: 0781 1903231
platform3models@hotmail.co.uk
 Web search: platform 3 models

P & D MARSH MODELS

PAINTED OO GAUGE

PDZ07 Postman, bike & postbox£8.75
 PDZ12 Trackside signs (4)£8.25
 PDZ19 Loco crew (2) steam.....£9.00
 PDZ28 Window cleaner/ladder.....£7.15
 PDZ32 Firebuckets on stand (2).....£7.50

PAINTED N GAUGE

PDX51 Cyclists (2)£7.60
 PDX56 Gravestones (8)£6.00
 PDX68 Forklift truck.....£7.00
 PDX69 Traffic lights single.....£5.50
 PDX70 Traffic lights dble.....£6.50

AVAILABLE FROM ALL GOOD MODEL SHOPS. DISTRIBUTED BY EXPO TOOLS & DRILLS
WWW.PDMARSHMODELS.COM
07730 202270

RHUDDLAN MODELS

- Model Railways
- Games Workshop
- Die Cast Models
 Corgi - Dinky - Matchbox
- Plastic Kits
 Airfix - Revel - Etc

NEW AND USED ITEMS BOUGHT AND SOLD

HIGH ST, RHUDDLAN.
01745 590048
www.rhuddlanmodels.co.uk

PAIGNTON MODEL SHOP

Stockist of:
 Hornby, Bachmann, Peco, OO & N gauge, Woodland Scenics, Metcalfe, Superquick, Airfix, Scalextric, Ratio, Wills & Scenerama. Loco Weathering service available.

60 Hyde Road, Paignton, Devon, TQ4 5BY
Tel: 01803 555882

Email:
paigntonmodels@hotmail.co.uk
 Website:
www.paigntonmodelshop.com

THE MODEL SHOP

www.marketmodels.co.uk

TRAINS • BOATS • PLANES
 CARS • VANS • LORRIES

Unit 7a Ground Floor
 The Octagon Centre,
 New Street, Burton on Trent,
 Staffordshire DE14 3TN

07939 544527
Bob or Liz



RAILS OF SHEFFIELD

railsofsheffield.com



Corporate Partners of

RAILWAY MUSEUM

**FULL RANGES STOCKED!** Please call or see website for full details!**GREAT PRICES ON PECO**

SL-100	25 YARDS CODE 100 WOODEN SLEEPER TYPE NICKEL SILVER FLEXIBLE TRACK	£65.00
SL-100F	25 YARDS NICKEL SILVER FINESCALE FLEXIBLE TRACK WOODEN SLEEPER	£72.00
SL-102F	25 YARDS FINESCALE CONCRETE SLEEPER TYPE NICKEL SILVER FLEXIBLE TRACK	£82.00
SL-91/E91/92/E92	SMALL POINTS RIGHT & LEFT HAND INSUL OR ELECTROFROG	£9.50 each
SL-95/E95/96/E96	MEDIUM POINTS RIGHT & LEFT HAND INSUL OR ELECTROFROG	£10.50 each
SL-88/E88/89/E89	LARGE POINTS RIGHT & LEFT HAND INSUL OR ELECTROFROG	£12.50 each
PL10/ PL10X6	PL10 POINT MOTOR (SWITCH MACHINE) INDIVIDUAL OR 6 PACK	£6.00/£34.00
SL-300	25 YARDS CODE 80 NICKLE SILVER FLEXIBLE TRACK WITH WOODEN TYPE SLEEPERS	£63.50
SL-300F	30 YARDS CODE 55 FINESCALE N/S FLEXIBLE TRACK WOODEN SLEEPER	£82.00
SL-395/96-E95/E96	MEDIUM POINTS RIGHT & LEFT HAND INSUL OR ELECTROFROG	£9.50 each
SL-U395F/U96F	MEDIUM RIGHT HAND TURNOUT UNIFROG CODE 55	£10.00 each
SL-388/389/E388/E389	LARGE POINT ELECTROFROG RIGHT & LEFT HAND POINTS	£10.50 each
SL-700BH	12 YARDS O GAUGE FLEXIBLE NICKLE SILVER TRACK (BULLHEAD) WOODEN SLEEPER	£75.00
SL-700FB	12 YARDS O GAUGE UNIVERSAL FINE CODE 143 WOODEN SLEEPER	£75.00
SL-E791/792BH	MEDIUM RADIUS RIGHT & LEFT HAND POINTS WITH BULLHEAD RAIL	£42.50 each
SL-E791FB/E792FB	MEDIUM RADIUS RIGHT AND LEFT NICKEL SILVER ELECTROFROG POINT (CODE 143 FLAT BOTTOM)	£45.50 each

AMAZING OFFERS ON

D	TWIN TRACK POWER CASED CONTROLLER	£78.50
Q	FOUR TRACK CASED CONTROLLER	£149.00
COMBI	SINGLE TRACK CONTROLLER/ PLUG IN TRANSFORMER (1 AMP)	£34.00
DCC01	PRODIGY EXPRESS PACKAGE	£134.50
DCC02	PRODIGY ADVANCE PACKAGE DIGITAL CONTROLLER	£232.50
DCC05	PRODIGY WIFI RECEIVER	£84.00
10LGB5F	SINGLE TRACK CASED CONTROLLER FOR G SCALE WITH FAN	£149.50
100MO	SINGLE TRACK CASED CONTROLLER FOR O SCALE	£76.50
PM10/ BPPM10	SEEP CLASSIC POINT MOTOR INDIVIDUAL OR PACK OF 5	£5.95/£26.00
PM20/ BPPM20	SURFACE MOUNTED POINT MOTOR INDIVIDUAL OR PACK OF 5	£8.00/£36.00
DCC80/BPDCC80	DCC AUTOFROG INDIVIDUAL OR PACK OF 3	£6.25/£13.50

SEE OUR WEBSITE FOR FULL LISTINGS INCLUDING SPECIAL OFFERS & GREAT DEALS!!www.railsofsheffield.com**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.**RAILS ON EBAY 2 STORES, 100'S OF ITEMS ADDED DAILY...**

RAILS OF SHEFFIELD

RAILS-SHEFFIELD
Ebay store!

RAILS OF SHEFFIELD

RAILS-VAULT
Ebay store!**GREAT FOR GIFT IDEAS & MORE...****RAILS TV & SOCIAL MEDIA...**Keep up-to-date with the latest Rails news and updates! *Follow* and *like* us on:

railsofsheffield



railsofsheffield



railssheffield



railsofsheffield

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 18kg 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 ORL - UK - Tel: (0114) 255 1436 - Fax: (0114) 255 5982

Email: info@railsofsheffield.comWeb: railsofsheffield.com [railsofsheffield](https://www.youtube.com/railsofsheffield) [railsofsheffield](https://www.facebook.com/railsofsheffield) [railssheffield](https://twitter.com/railssheffield) [railsofsheffield](https://www.instagram.com/railsofsheffield)



RAILS OF SHEFFIELD

railsofsheffield.com



Corporate Partners of

RAILWAY MUSEUM

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@RAILSOFSCHEFFIELD.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

FULL COLLECTIONS PURCHASED / UK & WORLDWIDE COLLECTION AVAILABLE

**TOP
GUARANTEED
PRICES
PAID**

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

**FAMILY
BUSINESS
FRIENDLY
SERVICE**



WE ALSO BUY RAILWAYANA

SIGNAGE AND TOTEMS

AND MORE...

Telephone our Second Hand team on: (0114) 255 1436 or email: secondhand@railsofsheffield.com - Ref: BRM2019

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

Email: info@railsofsheffield.com Web: railsofsheffield.com [railsofsheffield](https://www.youtube.com/railsofsheffield) [railsofsheffield](https://www.facebook.com/railsofsheffield) [railssheffield](https://www.twitter.com/railssheffield) [railsofsheffield](https://www.instagram.com/railsofsheffield)



RAILS



railsofsheffield.com
/exclusive



Corporate Partners of

RAILWAY MUSEUM

— NORTH EASTERN RAILWAY — ELECTRIC AUTOCAR

A WORLD FIRST...



Secure yours
for ONLY
£30 DEPOSIT

PRE-ORDER PRICE £199.95

OO GAUGE MODEL

3 VERSIONS AVAILABLE

North Eastern Railway red/cream No. 3170 (1904-23)

North Eastern Railway red/cream No. 3171 (1904-30)

LNER brown No. 3170 (1923-31)



IN
ASSOCIATION
WITH



CLASS 37 425 'CONCRETE BOB'
BUY NOW ONLY £129.50



32-384Y

CLASS 66 727 'MARITIME ONE'
BUY NOW £169.99



32-979W

CLASS 66 614 'POPPY'
BUY NOW £169.99



32-726X



*All popular
Manufacturers*

ALSO STOCKED AT BARGAIN PRICES!



Electrotren

CORGI Jouef

SCALEXTRIC

Rivarossi

LILIPUT



METCALFE

model scene

DOC CONCEPTS

HARBURN HAMLET



Lenz

ELEKTRONIK GMBH

WILLS-KITS

PRECISION RAILROAD MODELS

K&M

TREES

KATO

PRECISION RAILROAD MODELS

OXFORD

PLASTIC RATIO

MATHIESON

NEW NOW STOCKING



LEGOMANBIFFO
HIGH QUALITY SOUNDS

REALTRACK

Revolution
trains

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

Email: info@railsofsheffield.com

Web: railsofsheffield.com

[railsofsheffield](https://www.youtube.com/railsofsheffield)

[railsofsheffield](https://www.facebook.com/railsofsheffield)

[railsofsheffield](https://www.instagram.com/railsofsheffield)

[railsofsheffield](https://www.tiktok.com/railsofsheffield)



RAILS



railsofsheffield.com
/exclusive



Corporate Partners of

RAILWAY MUSEUM

PRODUCED BY
accurascale

NEWLY TOOLED OO DELTIC

OO GAUGE MODEL



IN
PARTNERSHIP
WITH
RAILWAY MUSEUM **THE DELTIC
PRESERVATION
SOCIETY**

SIX VERSIONS AVAILABLE

55015 'Tulyar' in 1980's BR blue livery
D9019 'Royal Highland Fusilier' BR two tone green
D9009 'Alycidon' in BR blue livery
D9002 'Kings Own Yorkshire Light Infantry' two tone green
55 002 'Kings Own Yorkshire Light Infantry' two tone green
D9008 'The Green Howards' ex-works green livery

PRICE £160 EACH
DCC READY

Secure yours for
ONLY £30 DEPOSIT

Expected Q4 2018

OTHER VARIANTS ARE AVAILABLE DIRECT FROM ACCURASCALE

CALEDONIAN CLASS 812



Courtesy of: Hugh Llewelyn



FIVE VERSIONS AVAILABLE:

Caledonian No. 828 (as preserved)
Caledonian No. 828 (as built)
LMS Black Livery No. 17566
BR Black Early Emblem No. 57565
(weathered)
BR Black Late Crest No. 57566

PRE-ORDER PRICE
£199.95 PREMIUM BLUE
£179.95 BLACK VERSIONS

Secure yours for
ONLY £30 DEPOSIT

OO GAUGE MODEL

IN
ASSOCIATION
WITH

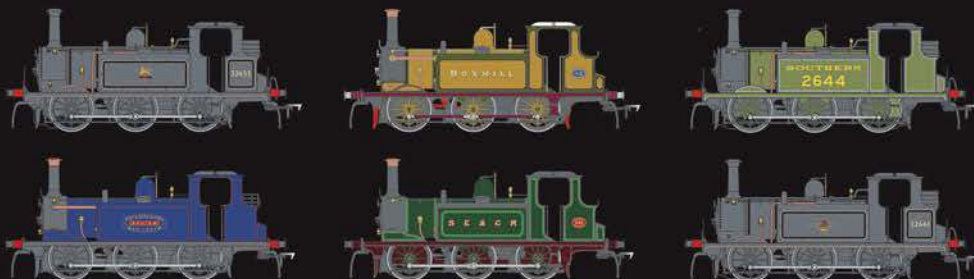


STROUDLEY A1 / A1X TERRIER 0-6-0

NEWLY TOOLED OO GAUGE MODEL

IN
PARTNERSHIP
WITH
dapol
Model Railway Company

Secure yours
for ONLY
£30 DEPOSIT



6 VERSIONS AVAILABLE

DCC READY VERSION
PRE-ORDER PRICE £110

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

Email: info@railsofsheffield.com

Web: railsofsheffield.com

[railsofsheffield](https://www.youtube.com/railsofsheffield)

[railsofsheffield](https://www.facebook.com/railsofsheffield)

[railssheffield](https://twitter.com/railssheffield)

[railsofsheffield](https://www.instagram.com/railsofsheffield)

SELL yours today at www.hattons.co.uk/preowned

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



*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

ALL brands purchased including:



FOR CASH



BUY pre-owned items online at hattons.co.uk/latestpreowned



WE PAY*
STRAIGHT AWAY!

So why choose Hatton's?

- 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

// An excellent service everytime without fault. I honestly cannot think of anything which could be improved."

Mr A Manning, Ipswich

// Excellent service, fair offer. I will not hesitate to use their service again and recommend it. Thank you."

Mr P Shaddock, Portsmouth

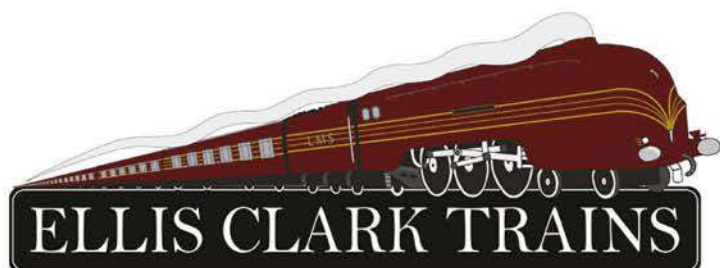
// Very simple to trade-in. Beforehand I had thoughts of problems with couriers and the like, but all very easy."

Mr D Spottiswoode, Kilmarnock

Call us on 0151 541 6914
or email preowned@hattons.co.uk

**17 Montague Road,
Widnes WA8 8FZ**

Phone opening times:
Mon to Sun 9am-5pm.



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



WANTED

**TOP PRICES PAID FOR YOUR COLLECTIONS
OF MODEL RAILWAYS, DIECAST & TINPLATE**
For more info call Ellis on 07799 554491

- ◆ Call, email or post a list
- ◆ All makes, gauges and ages considered
- ◆ British, Continental and American
- ◆ All gauges of kit/scratch built and live steam
- ◆ Diecast & tinplate cars, lorries, planes, soldiers
- ◆ Payment in your preferred method
- ◆ Happy to travel nationwide and view or collect
- ◆ Friendly and professional service
- ◆ Large collections a speciality



T 01756 701451
M 07799 554491
E ellis@ellisclarktrains.com
W ellisclarktrains.com

**NEW
PRODUCTS
ADDED
WEEKLY**



RTR FINESCALE 'O' GAUGE MK1 COACHES

FEATURING BRASS SIDES, SUPER-DETAILED INTERIORS WITH LIGHTS & MANY MORE FEATURES.

"I THINK THE CONSTRUCTION METHODOLOGY IS A TOUR DE FORCE."

ROBIN MCHUGH, GOG REVIEWER

ONLY £189 EACH

AVAILABLE IN 6 LIVERIES. IN STOCK NOW: BSK, SK, CK, TSO, BCK & FK.
Other coach types available for pre-order:



SLF/S Sleepers



Miniature Buffet



57' Full Brake



Restaurant Second Open



Restaurant/Kitchen



Restaurant First Open



RTR 57' BR MK1 SUBURBAN COACHES

AVAILABLE FOR PRE-ORDER EXCLUSIVELY THROUGH ELLIS CLARK TRAINS. AVAILABLE Q4.

PRE-ORDER IN MAROON (LINED & UNLINED), CRIMSON & BLUE:

- ✓ Composite
- ✓ Composite (with lavatory)
- ✓ Brake Second
- ✓ Open Second
- ✓ Second
- ✓ Second (with lavatory)

FEATURING:

- ✓ Brass sides
- ✓ Super-detailed interiors with lights
- ✓ Professionally painted & lined
- ✓ Die-cast underframe
- ✓ Compensated all-new MK1 bogies

**PART-EX
AVAILABLE
on all
DARSTAED**

ONLY £169 EACH

For more info visit:
ellisclarktrains.com/pages/darstaed



**ONLY AVAILABLE THROUGH
ELLIS CLARK TRAINS**

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

ellis@ellisclarktrains.com ♦ 01756 701451 or 07799 554491 ♦ ellisclarktrains.com



CLASSIFIED SECTION

ACCESSORIES, BOOKS & MODEL SERVICES

NICK TOZER

RAILWAY BOOKS

RAILWAY BOOKS BOUGHT & SOLD

Free Railway Booksearch Service

155 Church Street, Paddock,
Huddersfield, HD1 4UJ
Shop now open: Tue/Wed/Sat
(non-show dates) 11:00-17:00
+ Thu 14:00-20:00
Tel: 01484 518159 (answer machine)
www.railwaybook.com
email: nick@railwaybook.com

Top Trains

NEW

Shop for model
railway enthusiasts
OPEN 9.30 - 4pm
CLOSED Weds & Sunday
Free Parking

Wide range of stock from all
your favourite suppliers,
PLUS bespoke services,
ordering service and online shop.



Call us or see our website for details

28 Marston Road, Stafford, ST16 3BS
Tel: 01785 247883

ACCESSORIES, BOOKS & MODEL SERVICES

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 11am-4pm When attending weekend exhibitions shop may be closed.
Please telephone FRI/SAT & Bank Holidays for opening times. Tele: 0191 4910202/4106386
Mobile: 07976 519178 www.pooleyspuffers.com e-mail: pooleyspuffers@btopenworld.com

THE MODEL SHOP

Now taking orders for New models

Specialist Model Railway Stockist

4 St David's Hill,

Exeter EX4 3RG

(just off the old Iron Bridge)

Now Agents for NCE DCC systems

www.trainsandtrack.co.uk

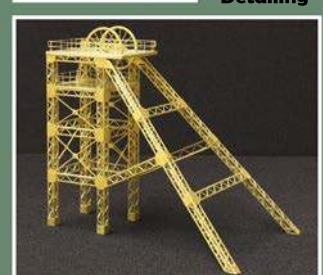
Tel: 01392 421906

Shop open Tues to Sat, 9.30-5pm

KITS

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

ACCESSORIES, BOOKS & MODEL SERVICES

THE HOBBY GOBLIN

STOKE-ON-TRENT

54 Hamil Road, Burslem,
Stoke-on-Trent ST6 1AU

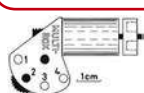
- Hornby
- Bachmann
- Peco • Lenz
- Dapol
- Gaugemaster
- Plus much more!

New website
and new larger
shop with easy,
free parking!

OPEN: Tue, Weds, Fri 10-4;
Thurs 10-5.30 Sat 10-2
T: 01782 818433/07973 478294
E: info@thehobbygoblin.co.uk

www.thehobbygoblin.co.uk

BRANCHLINES



MOTORS AND GEARBOXES

Please email or write for our
extensive catalogue covering
all the Moshima range, our
extensive range of one and two-stage gearboxes, flywheels,
bearings, drive shafts etc to suit all popular modelling scales.



BLACK BEETLE MOTOR BOGIES

Powered 'Black Beetle' £48.50

Unpowered 'Dummy Beetle' £17.50

Black Beetle N/Silver wheels £3.30/axle

P.O. Box 4293, Westbury, BA13 9AA

Tel/Fax: 01373 822231

Email: sales@branchlines.com

Blog: branchlines.blogspot.com

Cat's S5AE +£1 (in stamps) extra or £2.50 C.Card

Please state interests.

P&P: UK £2.25 (value under £30) £3.50 (value £30-£60)

£4.50 (over £60) per order.

Non-EU and BFPO less VAT. Exports £4.00 Minimum

Mon-Thurs: 9.30am-1pm, 2pm-6pm

BOOKS

Railways
Buses

Aviation
Canals

DEREK'S TRANSPORT BOOKS

All Transport Subjects Covered

www.derekstransportbooks.com

Over 8000 Books in Stock on-line

Based in the New Forest

Est. 1995

Shipping
Commercial

Motoring
Vehicles

WE WANT YOUR Model Railways



We will buy
almost any Railway
Collection, large or small.
All gauges will be taken, in any
condition. We always give an honest
price and will collect and dismantle any layout.

Telephone: 01302 371623

Mobile: 07526 768178

or email: anoraksanonymous@googlemail.com

MP Middleton Press

Published 16 February

ILKESTON TO CHESTERFIELD

Just Published

LOUGHBOUOUGH TO ILKESTON

Albums £18.95 FREE P&P (UK) MAIL ORDER

AVAILABLE early JANUARY 2019

£26 + £5.75 P&P (UK)

MAIL ORDER

RAIL TIMES

FOR GREAT BRITAIN

ORDER BY 21st DEC 2018

www.middletonpress.co.uk

Easebourne Lane, Midhurst, GU29 9AZ
T: 01730 813169 E: sales@middletonpress.co.uk

RAIL TIMES

FOR GREAT BRITAIN

ILKESTON TO CHESTERFIELD

including many collieries

MIDLAND MAIN LINES

Vic Mitchell and Keith Smith



MP Middleton Press

Gift
Vouchers
available

Stockists of many brands inc Bachmann, Hornby, Graham
Farish, Dapol, Gaugemaster 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.johndutfieldmodelrailways.co.uk

OPENING HOURS:
9.00am-5.30pm
Mon, Tues, Thurs,
Fri and Saturday
Closed Wed, Sun
& Bank Holidays
All major credit/debit
cards accepted.

Skytrex Model Railways



OO Accessories

4A/001	10 Large Wooden Barrels	£3.50
4A/001A	Bumper Large Barrel Pack	£15.00
4A/002	Clusters of Large Wooden Barrels	£5.00
4A/003	Horiz Stacked Lge Wooden Barrels	£4.00
4A/004	Vert Stacked Lge Wooden Barrels	£4.00
4A/005	10 Bales of Wool	£3.50
4A/006	10 Wooden Crates	£3.00
4A/007	10 Wooden Crates	£3.00
4A/008	10 Medium Wooden Barrels	£3.00
4A/009	15 Small Wooden Barrels	£3.00
4A/010	10 Railway Sleepers	£3.00
4A/010A	6 Piles of Railway Sleepers	£3.50
4A/011	Stacked Bales of Wool	£4.00
4A/012	10 Oil Drums	£3.00
4A/013	7 Stacks of Wooden Crates	£5.00
4A/014	10 Long Wooden Crates	£3.00
4A/015	10 Wooden Crates	£3.00
4A/016	10 Large Wooden Crates	£3.00
4A/017	20 Small Wooden Crates	£3.00

OO Lineside Accessories:

4LS/001	SR Water Column	£4.50
4LS/002	2-Bay Coal Staithe	£4.00
4LS/003	NER Platform Water Crane	£7.50
4LS/004	GWR Platform Water Crane	£10.50
4LS/004A	GWR Ground Water Crane	£10.50
4LS/005	2 Ton Yard Crane	£9.50
4LS/006	Pair of Sleeper Built Ballast Bins	£2.50
4LS/007	Sleeper-Built Platform Section with Steps	£5.00
4LS/007A	Sleeper-Built Platform Extension Section	£4.00
4LS/007B	Sleeper-Built Platform End Ramp	£4.00
4LS/007C	Sleeper-Built Steps	£2.00
4LS/008	Midland Water Column	£5.50
4LS/009	Sleeper-Built Coaling Stage	£7.50
4LS/010	LNWR Water Column	£5.50
4LS/011	Diesel Refueling point Kit	£15.00

All of the above are resin &/or white metal kits supplied unassembled & unpainted.



Check out our website to see our full range of modular building components & bridge and tunnel parts.

Unit 1 Charnwood Business Park
North Road
Loughborough Leicestershire LE11 1LE
tel: 01509 213789
www.skytrexmodelrailways.com
And for O gauge
www.ogauge.co.uk

MARCWAY POINTWORK

PROFESSIONAL Est. 55 Years
RENOWN FOR QUALITY

UNRIVALLED EXPERTISE IN TRACK AND POINTWORK
Ranges available in gauges 1, 0, SM32, 00, EM, HO 0-16.5.
All are ready to run and spray finished. SAE or phone for leaflet



MARCWAY O Gauge Pointwork

Handcrafted with code 125 bullhead nickel silver rail matching Marway, Peco and C & L O gauge track. Built as per all our ready to run pointwork ranges with live frogs, are self isolating and rail built throughout with no cast or moulded parts, optimising running quality. Extensive standard range including 3 ways, slips, crossings, curve points etc. L & R point start at £52.50. Introduction offer 4x72" or 48" points £190.00

MARCWAY 00 or EM Pointwork

Handcrafted in either 00 or EM gauges with code 75 nickel silver Bullhead rail and to match to SMP Scaleway track. The 00 range are built to take Hornby, Bachmann, Lima as well as finescale wheel standards. EM are set to the normal fine settings. Range includes slips, 3 ways, curve points etc. Construction & finish as per O. Prices start at £29.50 for L or R. Introductory offer 4 or L or R, hand 36" or 48" points for £108.00



& MARCWAY SCALE FLEXIBLE TRACKS

Injection moulded plastic based. Finely detailed and proportioned to capture bullhead trackwork of the British Steam Era



O Gauge O Track 125BH Rail Nickel Silver. Box of 10 yards	£65.00 (Autumn Offer) . 4 box pack	£240
J Scaleway 00 Track 75BH Nickel Silver Rail. Box of 10 yards (Autumn Offer)	£39.50 4 pack	£150
K Scaleway 00 Track 75BH Phosphor Bronze Rail. Box of 10 yards		£46.50
L Scaleway EM Nickel Silver Track 75BH Box of 10 yards (also M in Phosphor Bronze)		£46.50
M Scaleway EM Phosphor Bronze Track 75BH Box of 10 yards		£46.50
P4 18.88 + 19.33 75BH Rail. Boxes of 10		£49.50



Custom Pointwork
We construct custom pointwork & junctions in any gauge to your required specifications. All gauges 0, 1, G including Dual Gauge & American O & Narrow Gauges.
PHONE MARC 01709 542951
(not always manned)
TECHNICAL & CUSTOM POINTWORK



PCB, SLEEPER, RAILS, TEMPLATES, GAUGES, KITS ETC

MARCWAY SCALE MODELS

POSTAGE EXTRA
0114 2449170
Orders by phone with credit or debit card. No cheques or postal orders / phone Marc



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

VISIT OUR SPACIOUS SHOP - 1200sq ft Sales Area • SHOP OPEN 10am-4pm 6 days a week

Phone, Fax or Post your order. **marcway.net** has full Marway Pointwork list

HORNBY & SCALEXTRIC MAIN AGENTS Peco - Farish - Gaugemaster - Bachmann etc. Sets, Train Packs, Locos & Rolling Stock, Track Controls & Accessories etc. Also modelers 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

LEAFLET - CRAFTSMAN BUILT IN OUR OWN WORKSHOP - INS

ADVERTISERS' INDEX

3dk.....	140	Footplate	137	Marcway Models & Hobbies.....	151	Shady Lane Models	133
3mm Scale Model Railways	140	Fox Transfers Ltd	121	Megapoint Controllers.....	127	Skytrex (2013) Ltd	141
A C Models	119	Frizinghall Models & Railways	123	Meridienne Exhibitions Ltd ..	115 & 116	South Eastern Finecast	135
Acc+Ess Protocab	126	Frome Model Centre	120	Metcalfe Models & Toys Ltd ..	12 & 13	South West Digital.....	124
Adm Turntables.....	98, 126	Ftg Models	140	Middleton Press.....	150	Southampton Model Railway Soc ..	116
AGR Model Railway Store.....	126	Gateshead Toy Fair	112	Mike Pett	133	Sports And Model Shop.....	152
Airframed Glass Display Cases.....	140	Gaugemaster Com	111	Mike's Models	128	Squires Model & Craft Tools	115
All Components'	126	Gfb Designs (Sig-Na Trak)	120	Millenium Models'	152	Stafford Railway Circle.....	116
Alphagraphix	140	Ghost-Signs	128	Model Railway Developments	152	Strathwood	132
Alton Model Centre	126	Glasgow Show	113	Model Railway Solutions	128	Sunningwell Command Control	152
Alton Model Railway Group	117	Golden Valley Hobbies Ltd.....	135	Modelit	128	Ten Commandments	43
Anoraks Anonymous	150	Great Central Railway Plc.....	47	Monk Bar Model Shop Ltd.....	129	The 4D Modelshop.....	137
Bachmann Europe Plc.....	2	Grimy Times'	122	Morley Controllers Ltd.....	123	The Airbrush Company	137
Barry Stockton Fairs	112	Gscale.co.uk	128	Morris Models	129	The Hereford Model Centre	6
Bill Hudson Transport Books.....	152	H. & A. Models	141	N Gauge Society	124	The Hobby Goblin'.....	150
Blackwells Of Hawkwell	140	Harburn Hobbies	122	Narrow Planet Ltd.....	98	The Hobby York	133
Branchlines	150	Harder & Steenbeck GmbH & Co	91	Nick Tozer	150	The Lanc & Yorks Railway Soc.	125
C & M Models	126	Hatton's	14-21 & 146-147, 156	Northumbrian Painting Services	140	The Model Shop.....	141
Cambrian Model Rail.....	126	High Lane Model Railways	141	Off The Rails	124	The Model Shop (Exeter).....	150
Church Street Models'	126	Hornby Hobbies Ltd	41 & 100	Olivia's Trains & Models'	118	Tmc The Model Centre.....	10 & 11
Cm3models	133	Howard Scenic Supplies	152	P & D Marsh	141	Tony Oakes	112
Coastal Dcc	119	In The Greenwood Laser	122	Paignton Model Shop	141	Tony's Trains	137
Colour-Rail	127	Irish Railway Models	7	Pen & Sword Books	134	Topp Trains	150
Connoisseur Models	152	Isinglass Models	133	Pennine Models'	125	Townstreet.....	135
Contact Sales Ltd.....	138	Items Mail Order Ltd	139	Peters Spares Model Railways Ltd ..	124	Trackshack	135
CR Signals	120	Jacksons Models	141	Petite Properties Ltd	98	Train Tech	121
Crafty Hobbies	140	Joe Lock	112	Platform 3 Models	141	Train Times Model Shop.....	141
Culcheth Model Railways	119	John Dufield	150	Pooleys Puffers	150	Trains 4U	135
Dapol Ltd.....	155	Kent Garden Railways	122	Radley Models	129	Trainstop	139
DB Models	140	Kernow Model Rail Centre Ltd.....	129	Rails Of Sheffield	142 To 145	Tri-Angman.....	141
DCC Concepts Pty Ltd	8, 43, 91	Kr Models	98 & 136	Railway Conductor	136	Trident Trains Model Shop.....	152
Derek's Transport Books	150	Langley Miniature Models	123	Ray Heard	112	Tutbury Models	141
Dj Models	120	Leamington & Warwicks Mrs.....	117	Redcar Models & Hobbies	141	Upstairs Downstairs.....	141
Durham Trains Of Stanley.....	152	Lincoln & District Model Railway ..	112	Rhuddlan Models	141	Vectis	117
E.M.A Model Supplies Ltd	127	Locomotion	98 & 139	Ron Lines	129	W D Models	141
Ellis Clark Trains	148-149	Lord And Butler	128	Roxey Mouldings	152	Warners Exhibitions	110 & 114
English Model Railways	127	Macs Model Railroading'	43	Scale Model Scenery Ltd	98 & 133	Warwick & Warwick	3
Express Models	127	Mad About Trains	128	Scalescenes.com	133	York Modelmaking	128
Finescalebrass (UK) Ltd'	121	Malc's Models.....	141	Severn Models	150	You Choos	125

WEB DIRECTORY

CONNOISSEUR MODELS

0 Gauge Etched Locomotive, Wagon & Carriage Kits
Website & On Line Catalogue

www.jimmcgeown.com

or Send 2nd Class Address Label For Free Printed Catalogue
1 Newton Cottages, Nr Weobley, Herefordshire HR4 8QX

What's your problem?

Battery power by **Protocolab** eliminates pick-up problems,
No more dirty track to clean. Over 4hrs running time
No track wiring on new layouts. No short cuts
May be used on existing layouts alongside DCC.,

Further details at...

www.emardee.org.uk



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



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

BILL HUDSON TRANSPORT BOOKS

New, second-hand & American books

www.billhudsontransportbooks.co.uk

Tel/Fax: 01629 580797

Please visit: Matlock Station, Station Yard, Matlock DE4 3NA

PLASTICS • METALS • SCENICS

00 & N Scale • Peco • Hornby • Bachmann • Metcalfe • Wills • Ratio • Dapol



SPORTS & MODEL

www.sportsandmodelshop.co.uk

89 High Street, Orpington, Kent SE5 8PH Based in the Highlands Phone: 01349 862346

BRM BRITISH RAILWAY MODELLING

Subscribe today!
Call our hotline on
01778 392002

roxeymouldings.co.uk

Your website for finescale locomotive, carriage and wagon kits in 00 and 0 gauges. A wide range of accessories in stock from Slater's, Markits, Romford, Alan Gibson and our own etched detail frets. Motors from Mashima and Tenshodo with gears and gearboxes from Markits and Roxey. Markits 00 rolling stock wheels and our own turned steel wheels for 0 gauge. Ixion 0 gauge ready to run locos locos. For Exhibition sales only, we stock solder, flux and Precision Paints.



58 Dudley Road, Walton-on-Thames, Surrey KT12 2JU

Tel: 01932 245439



No10, The Craft Arcade
Dagfields Craft Centre,
Crewe Road, Walgherton, Nantwich,
Cheshire, CW5 7LG

www.tridenttrains.co.uk

HORNBY-BACHMANN-HELJAN-FARISH DAPOL-PECO-LENZ-
TCS-GAUGEMASTER-METCALFE-RATIO+MUCH MORE
01270 842400

Sign up to our monthly FREE e-newsletter
EXCLUSIVE ARTICLES, COMPETITIONS & OFFERS



REGISTER NOW!

www.brmm.ag/brmeshotsignup

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 1100-1900 • CLOSED WEDNESDAY AND SUNDAY

TEL: 01207 232545 • www.durhamtrainsofstanley.co.uk • email: sales@durhamtrainsofstanley.co.uk

Howard Scenic Supplies

Your first stop for model railway scenery

NOCH FALLER Preiser HORNBY Heki Printers Backscenes

Visit our website to see our large range of

Model Figures, Backscenes, Trees, Model Kits & More!

www.howardscenicsupplies.co.uk

WORLD OF RAILWAYS

The new online home of leading railways titles



GardenRail



- + Find out about our leading exhibitions
- The London Festival of Railway Modelling
- The National Festival of Railway Modelling
- The Festival of British Railway Modelling
- Exhibition Diary
- Trade Directory
- Competitions

www.world-of-railways.co.uk

NEXT ISSUE

KEEP ON ROLLIN'

Jubilee Road Wagon Works (00): how amateur photography led to the creation of this wagon repair works

- + Wormhill (N) - Sectorisation-era, peak-forest action
- + Little Bytham (00) – East Coast Mainline action in 1958
- + Campbell's Quarry (016) - Miniature engineering at its best



LET OUR BRM EXPERTS MAKE YOU A BETTER MODELLER!

- Build a laser-cut terrace house
- How to model Langwith Wagon works
- Wagon conversion: Create a 'Lobster' wagon
- We test a 3D printer
- Build your own cattle doc

PLUS

Get creative! How to model a diesel depot + trackplan!

ON-SALE
FROM
JANUARY 31

TAIL LAMP

Fran Burke, Irish Railway Models' Director of Communications explains how a new model railway brand for the British market was developed by enthusiasts over a pint in the pub.

It's been a most interesting and rewarding first year for us at Accurascale, from making our debut in February 2018 with the humble BR 24.5T HVO hopper wagon in 4mm scale, through to announcing our 4mm scale Class 55 'Deltic' project; our biggest venture to date.

This isn't our first rodeo; our journey began with Irish-outline models. We're four like-minded lads who ran the Irish Railway Modeller forum, dedicated to running an online forum and resource for Irish model railways.

We all had our day jobs, but when the forum members lamented a lack of OO Irish freight stock to go with their highly-detailed locomotives and coaches, we decamped to the pub in August 2015 and hatched a plan. Little did we know that it would snowball into our full-time occupation and indeed, a move into the British market. We've faced challenges along the way, but after assuming control of our destiny, the task became a lot easier.

As our little business grew and began to take up more of our time than our day jobs, we realised that we could offer something new to the British modeller. We aim to create models of the highest detail and quality for a reasonable price, offering the UK outline modeller the best value for money on the market.

All four of the Accurascale team have a massive interest in the railways of Britain. We all grew up with British-outline Hornby and Lima, with copies of British modelling magazines. It was a 'no-brainer' to enter the market.

At first, we contemplated a locomotive, but with us being a small enterprise, we felt it was a risk best left for another day. We hatched a plan to do a humble, everyday British wagon to the highest possible standard. With no RTR version of the HVO existing, and it being a prototype of many thousands, it seemed a logical choice.



Our production team was dispatched to the Tanfield Railway, Co. Durham in early October 2017 to survey the last survivors. As we were able to do our CAD design 'in-house' rather than rely on a Chinese engineer who has never seen the real thing, we were able to output CAD in a few weeks, with tooling almost complete before our February 1st launch. The first models arrived in customers' hands seven months after the initial survey of the prototype, proving that long waits aren't necessary.

Of course, with a locomotive, the workload is vast in comparison. The 'Deltic' survey took place in May 2018, with CAD complete, tweaked and run past an army of experts such as the DPS members and Brian Hanson to ensure that the details and shape were correct just before the Warley show launch. When you work with the most passionate of experts, you give yourself the best chance of getting it right.

On unveiling day at Warley, I thought I'd be nervous about our biggest announcement to date. I thought I'd be plagued with thoughts of 'is it right?' However, I knew that our production team had 'nailed it', working with expert feedback and their thorough research. Trust in your colleagues is the most important element in creating a successful business.

It will stand us in good stead going forward as we bring a large range of models to market in the coming years. As enthusiasts, we take care to get the look of the real thing right in miniature, which is the most important aspect of a scale model. We have truly announced our arrival into the market with our 'Deltic', and we plan to be the modellers' friend for many years to come. Watch this space. ■



dapol

model railway company

Tel: 01691 774455

Fax: 01691 778866

e-mail: sales@dapol.co.uk

www.dapol.co.uk

Dapol Limited, Gledrid Industrial Park, Chirk, Wrexham, LL14 5DG

Coming soon...

CLASS 68



2D-022-008/D/S - Class 68 Rapid 68004 DRS Compass/DCC/DCC & Sound



2D-022-009/D/S - Class 68 Brutus 68019 Transpennine Express/DCC/DCC & Sound



2D-022-010/D/S - Class 68 68026 DRS Plain Blue/DCC/DCC & Sound



2D-022-011/D/S - Class 68 68034 DRS Compass/DCC/DCC & Sound

CLASS 122



4D-015-006/D/S - Class 122 975402 (55019) NSE (Rt Learn)/DCC/DCC & Sound



4D-015-007/D/S - Class 122 55012 Loadhaul (Rt Learn)/DCC/DCC & Sound



4D-015-008/D/S - Class 122 55018 BR Green Speed Whiskers/DCC/DCC & Sound



4D-015-009/D/S - Class 122 55006 BR Green YP/DCC/DCC & Sound



4D-015-010/D/S - Class 122 M55003 BR Blue/DCC/DCC & Sound

All product release dates correct at time of going to press

CLASS 68



4D-022-013/D/S - Class 68 Rapid 68004 DRS Compass/DCC/DCC & Sound



4D-022-014/D/S - Class 68 Brutus 68019 Transpennine Express/DCC/DCC & Sound



4D-022-015/D/S - Class 68 68026 DRS Plain Blue/DCC/DCC & Sound



4D-022-016/D/S - Class 68 68034 DRS Compass/DCC/DCC & Sound

2F-026-001 - HIA Freightliner Heavy Haul Hopper Green 369008

2F-026-002 - HIA Freightliner Heavy Haul Hopper Green 369052

2F-026-003 - HIA Freightliner Heavy Haul Hopper White 369027

2F-026-004 - HIA Freightliner Heavy Haul Hopper White 369044

2F-071-034/35 - 7 Plank - LMS 302080/Weathered

2F-071-054/55 - 7 Plank - Blue Circle Cement 178/Weathered

4F-011-023/24 - Ventilated Van - LMS Bauxite 155016/Weathered

4F-012-021/22 - Ventilated Van - GWR 123550/Weathered

4F-014-023/24 - Fruit D - GWR 2850/Weathered

4F-016-114/115 - Banana Van - Fyffes Yellow B240737/Weathered

Product Scale Key

☐ Gauge

☐ OO Gauge

☐ N Gauge

dapol

collectors

club

15% DISCOUNT ON ALL DAPOL PRODUCTS PURCHASED THROUGH DAPOL

ANNUAL OPEN DAY

4 NEWSLETTERS PER YEAR

ONLY £25 PER YEAR
(Plus p&p)

IN GAUGES 'N' 'OO' & 'O'

FOR MORE INFORMATION CONTACT ANDREA / NEIL ON 01691 774455 OPTION 1 OR EMAIL club@dapol.co.uk

SPECIAL COMMISSION WAGONS

- YOUR CHOICE OF DAPOL BODY
- YOUR CHOICE OF LIVERY
- TURN AROUND IN JUST 3 MONTHS
- FROM JUST 100 IDENTICAL MODELS IN 'OO' OR 'N' 25 IN 'O'
- FOR MORE DETAILS CONTACT CLAIRE ON 01691 774455 OPTION 1 OR EMAIL studio@dapol.co.uk

Welcome to our project update feature, with the latest status of forthcoming releases from all major manufacturers. Use it to see the progress of projects you are interested in. The web address in the "link" column can be used to view products online, and to place your preorders.

0151 733 3655

**17 Montague Road,
Widnes, WA8 8FZ**

Phone opening times Shop opening times
Mon to Sat **7:30am-6pm** Mon to Sun **9am-5pm**
Sun **9am-5pm**

	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
Class H1 & H2 Atlantic 4-4-2	hattons.co.uk/h2atlantic	from £161.46	Mar 2013							
Mk2F Airon Coaches	hattons.co.uk/mk2f	from £46.71	Mar 2013							
Class 90	hattons.co.uk/c90	from £152.96	Jul 2014							
Class 117 DMU	hattons.co.uk/c117	£254.96	Sep 2015							

	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
N Gauge Class 142	hattons.co.uk/c142	from £115.18	Jan 2011							
YCV Turbot Ballast wagon	hattons.co.uk/tur	£21.21	Apr 2014							
Bogie Bolster 'E' wagon	hattons.co.uk/bolstere	£25.45	Sep 2018							
Class 59	hattons.co.uk/dapol59	from £124.43	Oct 2015							
GWR 'Large Prairie' 2-6-2T	hattons.co.uk/dapolprairie	from £115.56	Dec 2017							

	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
Beilhack ZZA Snowplough	hattons.co.uk/beilhack	£43	Oct 2016							
Rail Head Treatment Train (RHTT)	hattons.co.uk/RHTT	from £118	Nov 2017							
FEA Intermodal Wagons	hattons.co.uk/FEA	from £32	Nov 2017							
O Gauge Class A3/A4	hattons.co.uk/recordbreakers	£750	Aug 2016							
Class 66	hattons.co.uk/66	from £150	May 2018							

	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
O Gauge Class 50 (Refurbished)	hattons.co.uk/hel50	£560	Apr 2017							
O Gauge Class 37/4	hattons.co.uk/hel374	£560	Nov 2017							
Class 86/0	hattons.co.uk/hel86	£145 (EST)	Nov 2018							
Class 25/3	hattons.co.uk/253	£129 (EST)	Jul 2018							
GWR AEC Railcar	hattons.co.uk/gwraec	£115 (EST)	Sep 2018							

	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
Class 87	hattons.co.uk/hornby87	from £144	Nov 2016							
SR 'Lord Nelson' 4-6-0	hattons.co.uk/lordnelson	from £136	Jan 2018							
NBR Class J36 0-6-0	hattons.co.uk/J36	from £112	Jan 2018							

	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
5 Plank Open Wagon	hattons.co.uk/ox5p	£10	Jan 2016							
GER/LNER Class N7 0-6-2T	hattons.co.uk/oxN7	from £87	Jan 2017							
BL 18" Howitzer Railgun	hattons.co.uk/railgun	from £42.50	Jan 2018							

 Shows the stage the project is at based on the information available to us. CAD: Computer Aided Design. 1st EP: First Engineering Prototype.
TBC: Price is yet To Be Confirmed (EST): Price is estimated.

You can view extended lists, preorder & comment on all of these projects at

www.hattons.co.uk/projectupdates

Information correct at the time of going to press on 11/12/18.