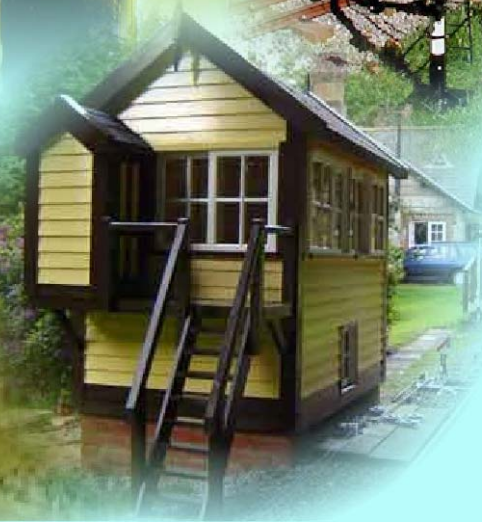
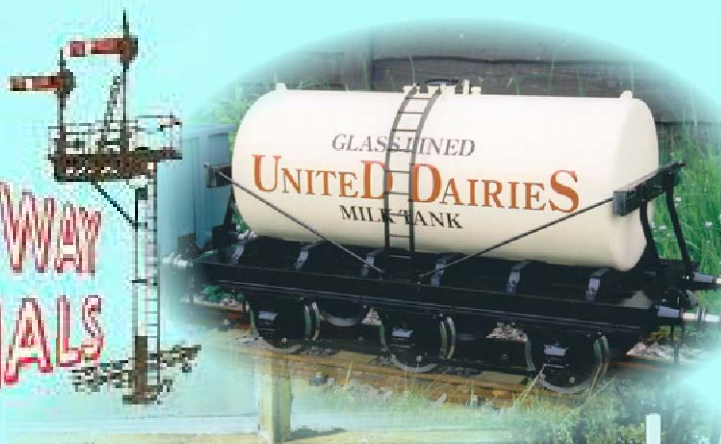


SCALEWAY SIGNALS



Now part of

The Miniature Railway Supply Co. Ltd.

Scaleway Signals, 42 Stratford Way, Boxmoor, Hemel Hempstead,
Herts, HP3 9AS, England.

Tel/Fax: 01442 214702 E-mail: sales@scalewaysignals.com

www.scalewaysignals.com

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The Miniature Railway Supply Co. Ltd was pleased add the Scaleway Signals' range, in the Summer of 2006, to our existing products.

Scaleway Signals has been developed into a diverse range by Joe Nemeth of Severn Beach, Bristol since 1996. The range has been noted for its high quality and superb finish.

The Miniature Railway Supply Co. Ltd, established in 1989, has a large range of products including rail, sleepers, fishplates and bolts, track, points, signs and other accessories to suit most miniature railways from 3 ½" gauge through to 15" gauge .

For more information about
TRACK MATERIALS please
see www.mrsc.org.uk



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For more information about
SIGNALS & WAGONS
please see
www.scalewaysignals.com

Introduction to Signalling

Since the dawn of the railway age signalling has been an integral part of railway operation. During this time, as the technology available has progressed, the level of sophistication has changed dramatically. Images of the steam age railway reveal a vast diversity of signalling equipment from a simple single post signal with a single arm through to gantries spread across many tracks presenting a bewildering array of signals.

Scaleway Signals offer the opportunity to recreate in miniature form the railway signalling scene.

Our signals are built to authentic designs and operate in a practical and realistic manner.

We can provide you with a single item through to a full signalling package to suit a range of gauges and applications.



Right hand, 2 dolls with home arms and fixed distant arm

Home and Distant Signals

An upper quadrant home signal arm set at danger (stop)



A home signal has a red arm with a vertical white stripe towards the left-hand end of the arm. At this signal, the driver would be expected to stop before the signal when set at danger. The reverse side of a home signal is white with a black stripe.

Fixed distant signal (always set at caution)



A distant signal has a yellow arm with a chevron at the left end of the arm. A black chevron is painted towards the left-hand end. A distant signal is effectively advanced warning that the next home signal may be set at danger. It can be passed at caution but the driver must expect the next signal to be set at danger. The reverse side of the signal is white with a black chevron.

Sometimes a fixed distant signal (always set at caution) is applicable.

A lower quadrant distant signal set at caution



When approaching the reverse side of a signal the driver disregards that signal.

Reverse side of a lower quadrant home signal



Signalling Options

Lower Quadrant

Lower quadrant signals were used by GWR and BR (WR). They are available in $\frac{1}{4}$ size with a square or round post and in $\frac{1}{2}$ size with a round post.

The wooden square post signals were replaced from the mid 1930s by round metal post signals.

GWR square post signal with wooden arm set at danger

GWR round post signal with corrugated pattern arm set at danger



The GWR used 4 foot arms to denote the main route(s) and 3 foot arms for secondary or lower priority routes.

The **danger** or **caution** aspect is displayed when the signal arm is **horizontal**.

A **clear** or proceed aspect is displayed when a signal arm is **lowered** to approximately **45°** from the horizontal.

GWR round post signal with pressed arm set at clear (proceed)



Upper Quadrant

The upper quadrant style of signal was used by BR, SR, LMS, LNER and most other railways. Upper quadrant signals are available in $\frac{1}{4}$ size with a round post.

The **danger** or **caution** aspect is displayed when the signal arm is **horizontal**.

A **clear** or proceed aspect is displayed when a signal arm is **raised** to approximately **45°** from the horizontal.

Upper quadrant home signal set at clear (proceed)

Upper quadrant home signal set at danger



1/4 Size GWR Lower Quadrant Signals

Square Post Signals

- Based on works drawings
- Robust base casting
- Detailed aluminium alloy castings with wooden arm
- Available with 4ft and 3ft scale arms
- Wooden post
- All fasteners in brass
- Waterproof 12V lamps
- Blue and red spectacles used in conjunction with a yellow bulb for authenticity
- Ladder, hoop, staging and hand rails also available

Available fully assembled, as component sets or individual components

Square post 1/4 size lower quadrant signal with 4ft wooden arm plus ladder and hoop



Some of the castings and components available

Round Post Signals

Available fully assembled, as component sets or individual components

- Based on works drawings
- Robust base casting
- Detailed aluminium alloy castings
- Aluminium post with corrugated or folded aluminium arm
- Available with 4ft and 3ft scale arms
- All fasteners in brass
- Waterproof 12V lamps
- Blue and red spectacles used in conjunction with a yellow bulb for authenticity
- Ladder, hoop, staging and hand rails also available

Round post lower quadrant signal with 3ft corrugated arm



Round post lower quadrant signal with 3ft corrugated arm plus ladder and hoop



4

1/4 Size Upper Quadrant Signals

Available fully assembled, as component sets or individual components

- Based on works drawings
- Robust base casting
- Detailed aluminium alloy castings
- Aluminium post
- Folded aluminium arm

Upper quadrant home signal plus ladder and hoop

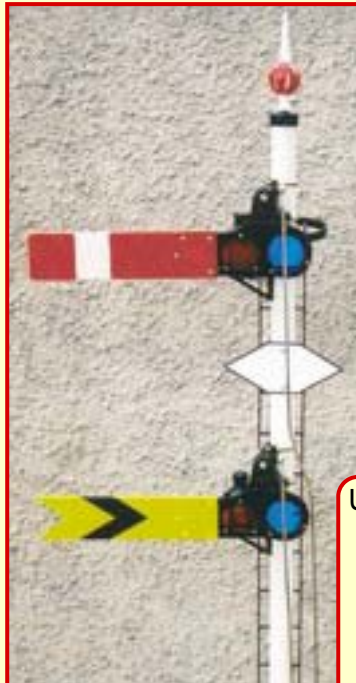


Upper quadrant home signal



- Waterproof 12V lamps
- Blue and red spectacles used in conjunction with a yellow bulb for authenticity
- Ladder, hoop, staging and hand rails also available
- All fasteners in brass

Upper quadrant distant signal plus ladder and hoop

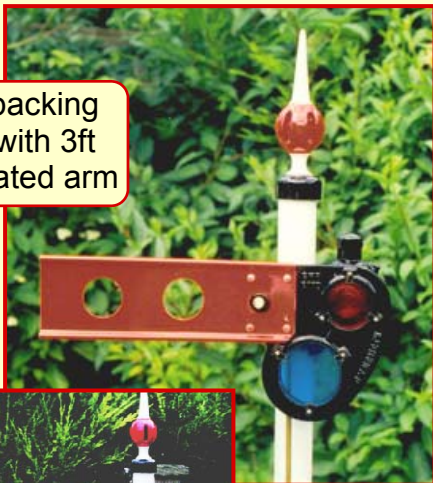


Upper quadrant home and distant signal with rule 55 diamond plus ladder and hoop

1/4 Size Subsidiary Signals

To supplement the main signal range we offer subsidiary signals as fully assembled, component sets or individual components. These can be added to existing signal posts for specific shunting manoeuvres as required by your signalling scheme.

GWR backing signal with 3ft corrugated arm



Upper quadrant home signal with subsidiary signal, rule 55 diamond plus ladder and hoop



Folded aluminium subsidiary signal arm



Lower quadrant subsidiary arm mounted on a square post set at normal



Cast aluminium subsidiary signal arm



Lower quadrant subsidiary arm mounted on a round post set at clear (proceed)



Lower quadrant home signal with subsidiary signal

1/4 Size Bracket Signals

- Available in upper and lower quadrant
- Built to the same high specification as our single post signals
- Ladders, hoops, staging and hand rails available
- Left or Right Hand brackets as well as 3 doll brackets
- We can supply any combination to suit your signalling scheme



GWR lower quadrant left hand bracket, 2 doll with 2 4ft home arms and fixed distant arm



GWR lower quadrant right hand bracket, 1 doll with a 4ft home arm



GWR lower quadrant left hand bracket, 2 doll with a 3ft ringed arm and a 4ft arm plus handrails



GWR lower quadrant right hand bracket, 2 doll with 2 4ft home arms, fixed distant signal arm and rule 55 diamond

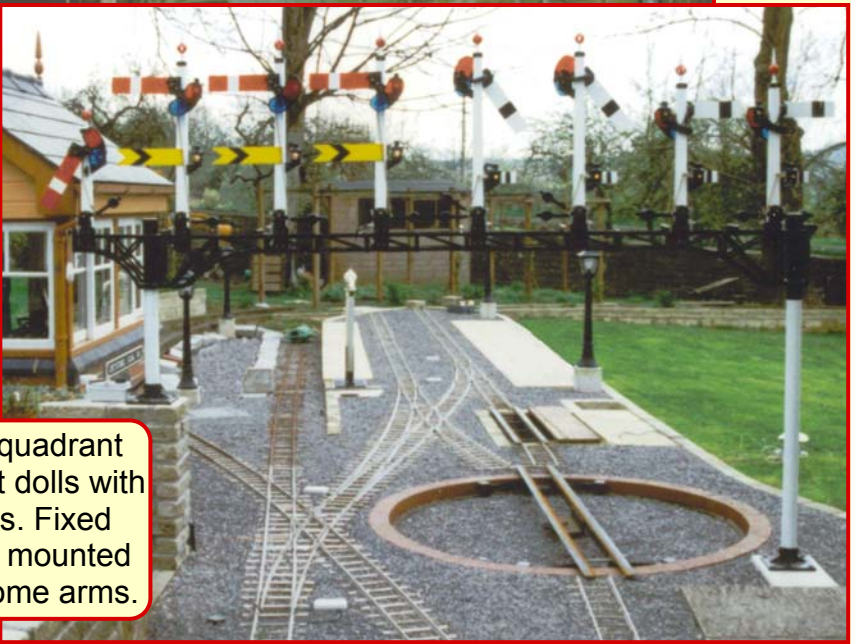


GWR lower quadrant right hand bracket, 2 doll with 4ft arms

1/4 Size Gantry Signals

- Any combination can be created from standard parts to meet the specifications of your signalling scheme.
- Available in upper and lower quadrant
- Built to the same high specification as our single post signals
- Ladders, hoops, staging and hand rails available

GWR lower quadrant square post dolls with wooden home signal arms. Subsidiary arms mounted below the home arms.



GWR lower quadrant wooden post dolls with wooden arms. Fixed distant arms mounted below the home arms.

Ground Disc Signals



- Available fully assembled or as component sets
- Detailed aluminium alloy castings
- All fasteners in brass
- Waterproof 12V lamps

Disc signal showing danger (stop) aspect

Disc signal showing proceed (clear) aspect



- Blue and red spectacles used in conjunction with a yellow bulb for authenticity

Colour Light Signals

- 1, 2, 3 and 4 aspect signals
- Shunt signals and feather arrays also available
- Cast aluminium housing
- Aluminium post and robust base
- 12V LEDS with perspex lenses
- Single post and gantry signals



Water Cranes

- Detailed aluminium and bronze castings
- Water supply controlled by hidden ball valve
- Different arm lengths to suit your requirements
- Individual components also available



Welded pattern column shown.
Cast column/base now in production.

GWR ½ Size Lower Quadrant Signals

Suitable for use on 10 ¼" g, 12 ¼" g, 15" g and larger miniature, narrow gauge or light railways

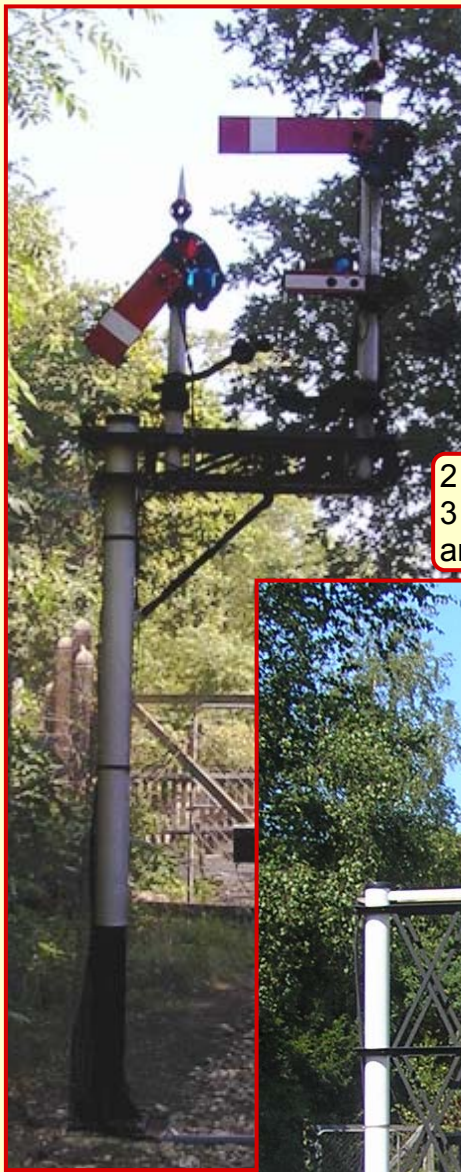


2 doll right-hand bracket signal with a 3 foot arm, 4 foot arm and a subsidiary arm

- Available fully assembled or as individual components
- Based on GWR works drawings
- A standard signal is 10ft tall

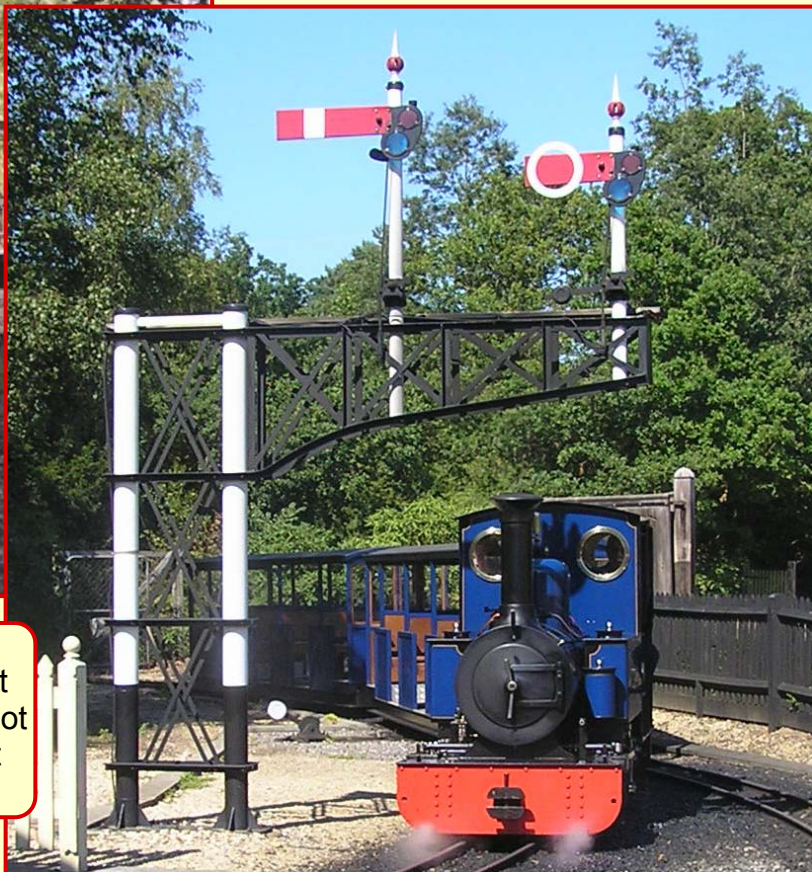
Available in the following options;

- Single post signals
- Bracket signals
- Gentries
- Home and Distant
- Subsidiary arms
- Scale 4 foot or 3 foot long arms



- Detailed aluminium alloy castings
- Round aluminium post
- Folded aluminium arms
- All fasteners in brass or SS
- High quality finish
- Waterproof 12V lamps
- Blue and red spectacles used in conjunction with a yellow bulb for authenticity

2 doll right-hand bracket signal with a 3 foot arm (set at proceed), a 4 foot arm and a subsidiary arm



2 doll special extended bracket signal with a 4 foot arm and a 3 foot ringed arm

- Ideal for use with our ½ size lever frames

- Ladders, hoops, staging and handrails also available

RH&DR Lower Quadrant Signals

Suitable for use on 10 ¼"g, 12 ¼"g, 15"g and larger miniature, narrow gauge or light railways

- Available fully assembled or as individual components
- Based on existing RH&DR designs
- Detailed aluminium alloy castings
- Square wooden post with painted wooden arms
- All fasteners in brass or SS
- Ladders, hoops, staging and handrails also available
- Ideal for use with our ½ size lever frames



Single post home (or starter) with back-shade, showing proceed aspect and ringed shunt arm.



Symmetrical bracket signal with home and ringed shunt arms. Both routes are of equal importance.

- Waterproof 12V lamps
- Blue and red spectacles used in conjunction with a yellow bulb for authenticity
- Available as single post signals, bracket signals, subsidiary signals and gantries.
- Home and Distant options

Point Levers

Cast Iron Point Levers

- 2 sizes available
- Suitable for 5" g, 7 1/4" g and 10 1/4" g
- Trailable in either direction
- Can also be set to act in the manner of sprung points

Small point lever components

Large point lever components

A complete, ready for use, small cast iron point lever

Williams Pattern Point Levers

A fully assembled scale 5" g Williams patter point lever

- 3 sizes available to suit;
 - Scale 5"
 - 5" and 7 1/4" general purpose
 - Heavy pattern for 10 1/4" g and larger gauges
- All steel construction
- Standard or low profile handle
- Removable handle option
- Trailable with an over centre mechanism

Buffer Stops

- 4 piece unpainted

- Available in 5" gauge and 7 1/4" gauge
- Bolt together style - bolts not included
- 6mm steel plate • Laser cut parts



- 2 types
 - 5/8" high rail
 - 21mm high rail (2lb/yard)



Signal Boxes and Lever Frames



¼ size GWR
fire bucket
bracket

A superb example
of what can be
achieved using
our standard
signal box

We offer realistic signal boxes to enhance the appearance of your miniature railway. They are designed to be used with our ½ size lever frames. Each have a dummy staircase and balcony with access for the full size signaller being gained discretely from the rear. Foot print is 6ft x 4ft. A brick base may be required. Supplied in flat pack form and unpainted.



Single lever
ground frame

For operating your railway we offer ¼ and ½ size lever frames which can be supplied with full interlocking.

We can offer single lever, 2 lever or 4 lever **ground frames** for external use.

For installation in a signal box we supply **lever frames** to suit your signalling scheme.

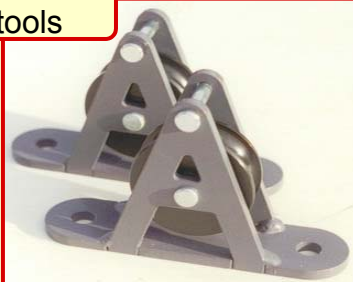
12 lever
lever frame



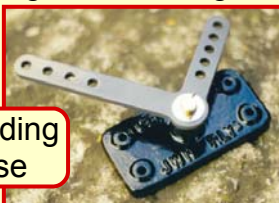
We also offer a range of accessories for use with our lever frames including the following;

- Vertical cranks
- Horizontal cranks
- Point rodding
- Rod stools
- Compensating crank assembly
- Horizontal signal wire wheels - single and twin
- Vertical signal wire wheels
- Signal wire, shackles and fittings

Point rod stools



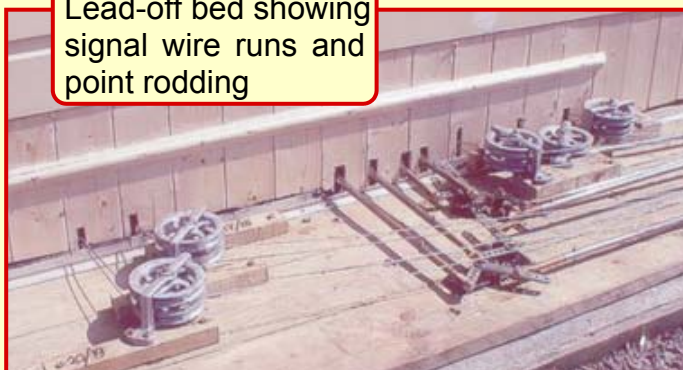
Point rodding crank base



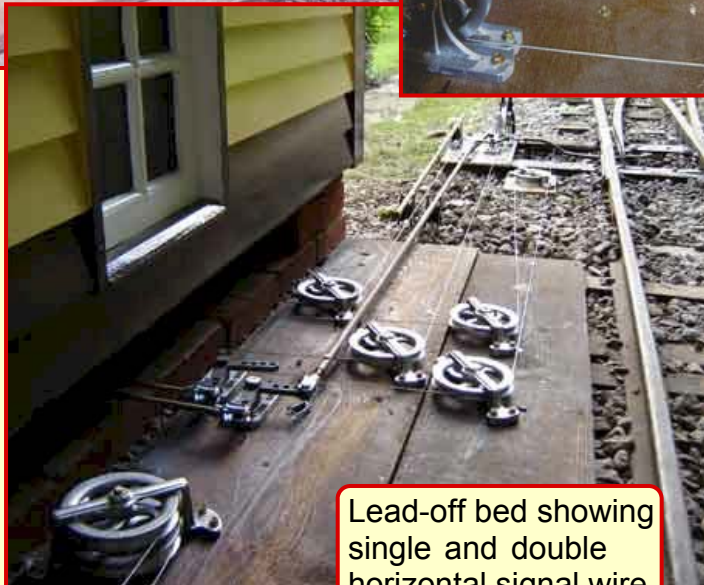
Underview of a lever frame showing vertical cranks and vertical signal wire wheels



Lead-off bed showing signal wire runs and point rodding



2 lever ground frame



Lead-off bed showing single and double horizontal signal wire wheels and point rodding cranks

Signs

GWR Shelf
Bracket

Small GWR Signal Box
Door Notice

Drivers Beware -
Dogs

GWR
NOTICE
NO UNAUTHORIZED
PERSON IS ALLOWED
IN THIS BOX
BY ORDER



Large GWR Signal
Box Door Notice

**All signs are cast aluminium
and supplied unpainted**



GWR Beware of Trains

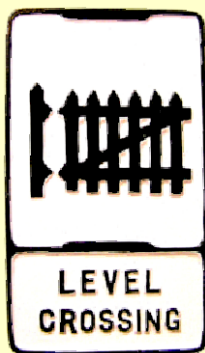
GWR SW



Drivers Beware -
Hedgehogs

Drivers Beware -
Cats





Pole mounted
Level Crossing
Small



Pole mounted
Crossing no gates
Large and small



CROSSING
NO GATES



Heritage road signs
Available as components
or fully assembled to
your required height

Make your own station
nameboards and signs
using our bases, posts,
caps and finials

The following posts are
available;

- 25.4mm (1" dia round post
- 35mm (1 3/8" dia round post
- 57.6mm (2 1/4" square post
- 63.5mm (2 1/2" dia round post
- 69.85mm (2 3/4" dia round post



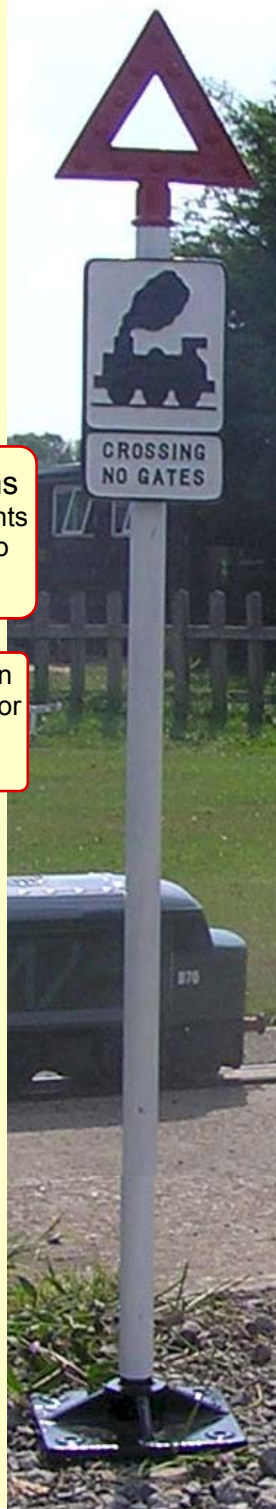
A selection
of bases for
mounting
posts



A selection of
caps and finials
for mounting on
posts



Warning
triangle

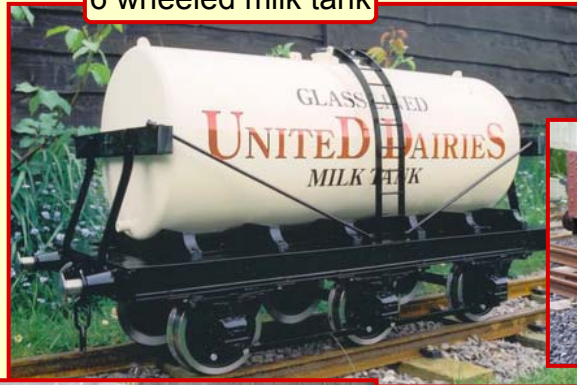


Scale Wagons and Components

- Individual components or completed wagons
- All steel chassis
- Authentic liveries
- Sprung buffers and couplings
- Features detailed aluminium, brass and bronze castings
- High quality finish
- Also available as chassis only



6 wheeled milk tank



12T box van



5 plank open wagon



Ply wood van



5 plank open wagon



BR 20T brake van



5 plank open wagon



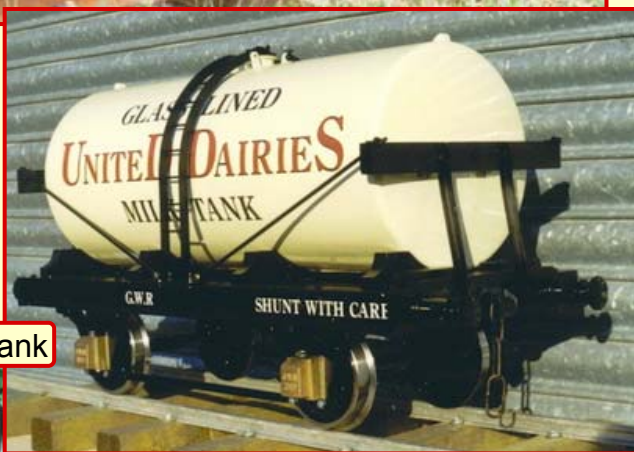
3 plank open wagon



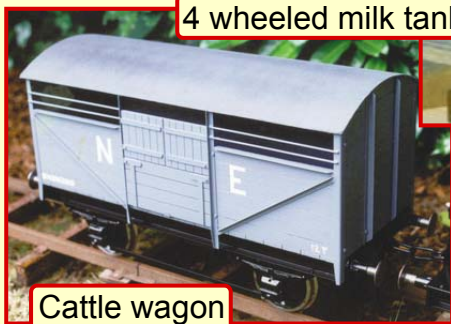
21T mineral wagon



Flat wagon

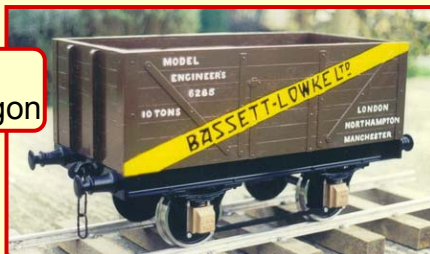


4 wheeled milk tank



Cattle wagon

7 plank open wagon



• Loads not included



12T box van



3 plank open wagon



21T hopper



12T box van with corrugated end



Flat wagon



16T mineral wagon

3 plank open wagon





12T closed van with corrugated end



5 plank open wagon



Iron ore tippler



GWR shunters truck

5 plank open wagon



Cattle wagon



4 wheeled oil tank



• Loads not included



SCALEWAY SIGNALS



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sales@scalewaysignals.com

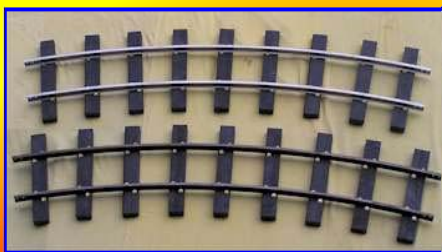
www.scalewaysignals.com

Now part of:

The Miniature Railway Supply Co. Ltd



RAIL
TRACK



POINTWORK
SLEEPERS
FISHPLATES
FISHBOLTS
& NUTS

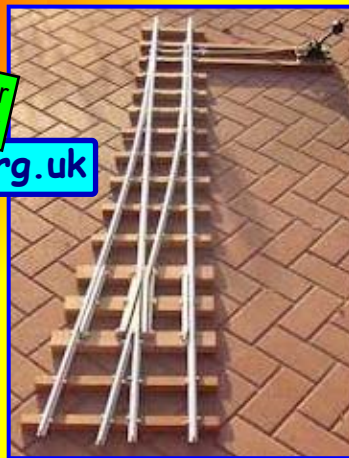


RAIL CHAIRS
RAIL SCREWS
DISPLAY TRACK
LOCO LAMPS
SIGNS

25

Visit our
website:

www.mrsc.org.uk



Visitors welcome by prior
arrangement.
Please ensure directions are
obtained before travelling.

Sizes approximate
Terms and
conditions apply
E & E O

**See separate
pricelists for additional detail**

We thank the following for their assistance with
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The Strawberry Line, Avon Counry Park,
Exbury Garden Railway and
Romney, Hythe & Dymchurch Railway.

SS2006