

6point5 MINIMUM GAUGE

Introduction to 006.5 and Product Catalogue



Actual size

What is 006.5?

The scale combines model making in 4mm/ft (1:76) scale with 6.5mm gauge track. This gives an approximation of 18" gauge, which was used extensively at the Royal Arsenal in London and the Sand Hutton Light Railway in Yorkshire, as well as a number of military and industrial sites across the country.

How does it work?

Our products use Busch feldbahn mechanisms and trackwork system. The locomotives have a large magnet in the frames that is attached to a steel insert hidden under the sleepers, which ensures good electrical contact and superior operation.

MGL-001 Ruston Proctor



The 'Ruston Proctor' locomotive was built between 1915 and 1930 by Ruston, Proctor and Co. Ltd. The design was based upon a locomotive produced by Deutz prior to the first world war. Powered by Ruston's ZRH single cylinder engine (producing 10hp, a two cylinder version was also available producing 20hp) they were extensively used in industry, the most famous examples being used at the Waltham Abbey gunpowder factory. They were started on petrol and once warmed up switched to paraffin, and often left running all day as the cost of the petrol used during start up was said to be the same as the cost of running on paraffin for the rest of the day.

MGL-002 Avonside 'Empire' 0-4-0t



In 1899, Avonside Engine Company delivered two 24-inch gauge (610- millimetre) locomotives to Rand Mines on the Witwatersrand. In 1900, a third similar locomotive, but of 20 inches (508 millimetres) gauge, was delivered to Reynolds Brothers Sugar Estates in Natal. These were given the 'Imperial' designation by their builder. The 20inch prototype was one of several of the same type which saw service on the Reynolds, Hulett's and Chakaskraal sugar plantations in Natal. This kit represents an imagineered 18" gauge example given the 'Empire' designation, it is based closely on the dimensions of the 20"

MGL-003 Hunslet-Jenbach Diesel



These diesels built in 1994 by Hunslet to a Jenbach design were fitted with a Kubota diesel engine. They were originally used on the Jubilee line extension in 1996/7 as 2ft gauge locomotives and have since ended up on a few miniature railways in the UK, rebuilt in different guises. There is one at Eaton Hall (15inch), one at Fairbourne (12inch) and finally another pair in 1901 (courtesy of Brian Clarke's fictional book 'The Slate Railway to Churchwater').

This kit represents the rebuilt 'Jubilee' from the wonderful Perrygrove railway, an idyllic spot worth visiting in the Forest of Dean.

MGL-004 Taffson Evans and Jenkins



The Taffson Evans and Jenkins of the Rhondda Valley supplied five saddle tanks to the Vowchurch Quarry company for use on their 15" tramway. The first, works number 20, was built in 1894, a pair followed in 1898 and finally another pair in 1901 (courtesy of Brian Clarke's fictional book 'The Slate Railway to Churchwater').

This model was previously only available ready to run, and is now provided as a kit comprising of 3D printed plastic bodyshell parts and an etch of nickel silver overlays.

MGR-005 Hudswell Clarke Diesel



The 18" gauge railway at Crewe Works was introduced by John Ramsbottom in 1861 and was an internal tramway system serving the various workshops, most notably the steel works and the joinery shop. In 1930 Hudswell Clarke built the first diesel locomotive for the LMS, works number D563. Powered by a 20hp three cylinder McLaren Benz diesel engine, and numbered 5519, it spent just a few years at Crewe before the tramway was abandoned in 1932 and hence was transferred to the Horwich Works, losing its name and renumbered ZM9.

MGR-001 Heywood Top Wagon



The Eaton Hall Railway was an early 15 in (381 mm) gauge minimum gauge estate railway built in 1896 at Eaton Hall in Cheshire. Heywood provided thirty open wagons, each wagon carrying about 16 long cwt (813 kg) of coal or 22 long cwt (1,118 kg) of bricks. The wagon 'tops' were removable to allow them to be used as flats, and bolster fittings were supplied to carry long items such as timber. This kit represents a typical example, although the gauge has been increased from 15" to approximately 18", so the model will run on 6.5mm gauge track.

MGR-002 Royal Arsenal 1 plank



The Royal Arsenal internal railway system was extensive and stretched to 88 miles. A wide variety of rolling stock was provided over the 142 years of operation. This wagon represents an 18" gauge 1 plank transfer wagon, probably built around 1915, and possibly by P W McClennan Limited in Glasgow. The body has lifting rings to allow transfer of the load without physical handling and is of a similar design to the larger 3 plank wagons used at Deptford, and later the Sand Hutton, but with a shorter 1 plank body.

MGR-003 Royal Arsenal Gunpowder Van



The Royal Arsenal internal railway system was extensive and stretched to 88 miles. A wide variety of rolling stock was provided over the 142 years of operation. This wagon represents an 18" gauge gunpowder van, used in the safe transportation of this explosive material around the arsenal. An example has been preserved by the Greenwich and District Modellers and is on display at the Conwy Valley Railway Museum, Betwsycoed.

MGR-004 Vowchurch Slate Wagons



The fictional Vowchurch Slate Company (thanks to Brian Clarke's book 'Slate Railway to Churchwater') is a 15" gauge tramway linking Churchwater and its slate quarries to the GWR at Lower Vowchuch, just off the Golden Valley branchline.

This multi pack kit represents two styles of the 15" slate tramway wagons. The original with wooden bodies, and the steel bodied modified by the GWR to increase load capacity.

MGR-005 Workman's Coach



The Royal Arsenal internal railway system was extensive, stretching to 88 miles at Woolwich in south east London. A wide variety of rolling stock was provided over the 142 years of operation.

The 18" system ran dedicated passenger trains. A number of styles of open and closed carriages were provided over the years. Our model, based upon the Talylyn 'Lancaster' body depicts a very late 19th Century example with three compartments on small bogies.

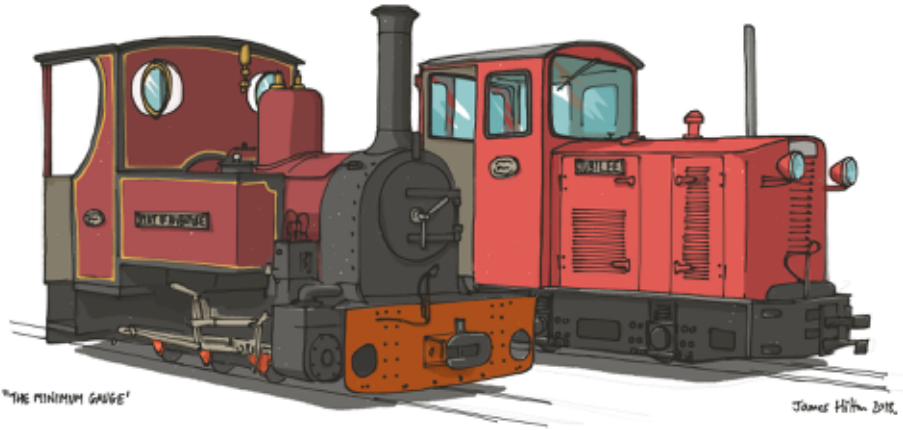
MGC-001 Busch Dummy Chassis



A 3D printed dummy chassis block equivalent in size to the Busch 12199 accessory mechanism. Ideal for modelling the 6point5 Ruston-Proctor or MBVdK O&K RL2 as a static loco, for example as a load on a standard gauge flat wagon.

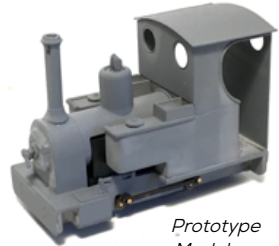
COMING
SOON

Estate and miniature range

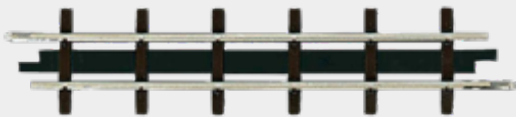


Following the success of 'Jubilee', the 15" gauge Perrygrove Hunslet-Jenbach diesel our next releases will be focused upon Estate and miniature prototypes.

The range will include an Exmoor style 0-4-0t, Alan Keef inspired coaches and a small range of estate wagons with typical loads (a stationary engine, a pair of oil drums, a tool box).



Prototype Model



TRACK ORDERS

We are able to supply suitable Busch track for our 006.5 models. The track consists of nickel silver rails and the important magnetic strip moulded with plastic sleepers. The strip is located at the bottom of the track, so can be carefully disguised with ballast. Various set-track style sections of curves, straights and points are available, full details of the range are on the Busch website:

<https://www.busch-model.info/modellbau/feldbahn-h0fh0i/>

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6point5 Minimum Gauge is available exclusively through www.narrowplanet.co.uk



COMING
SOON