

PAYMENTS & DELIVERY

Production of the kit parts starts with the tender etchings and associated parts. Month four sees the start of the loco frames, progressing through wheels and suspension, motion, boiler and controls. We are offering the following delivery methods and respective costs. We normally ask for you to set up standing orders through your bank (forms will be provided) to pay the instalments but other payment methods can be arranged. Please ask for more information.

COLLECT

Ex- works. No postage. Pay a deposit and 12 instalments, then collect the kit by arrangement or as one box at the end of the twelve months.

	Deposit	instalments	Total	RTR
Static	£154	12 x £147	£1,918	£4,600
Spirit	£238	12 x £226	£2,950	£7,080
Coal	£248	12 x £246	£3,200	£7,680

POSTED KITS

All kits are delivered by special delivery in 4-5 packs at 3 monthly intervals, total cost £120. Add £10 per monthly instalment.

For Delivery in one box at the end of production would cost only £30.

For overseas customers, the total cost would include the price of the complete kit plus the cost of delivery to your country per instalment. Please enquire for more details.

For R-T-R a 10% deposit will be required on order, a provisional completion date will be given and payment schedule. Preferred Loco name, number and livery will be requested when order placed.



Photo. The G.N.R. production prototype

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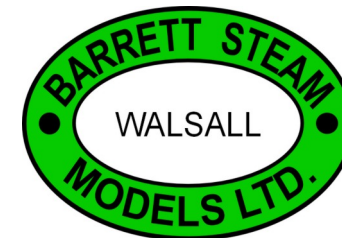
Telephone:- 01922 685 889
Hours :- 9am to 5pm



Oct 23

GAUGE 1 MODEL MAKERS KIT

COAL FIRED Or SPIRIT



IVATT'S 4-4-2 G.N.R 'LARGE' ATLANTIC

Marsh worked under Ivatt at the GNR during the period when the 'large boyled' Atlantics were developed. He later joined the LBSCR and designed an Atlantic for them. When you look at the similarities between the two designs one wonders if Marsh had a spare set of GNR drawings in his brief case when he left Doncaster.

This is to our advantage as we are able to use many parts which are common to both designs and offer two types, both as spirit fired kits.

Today the GN version is represented by No 251 in the museum at York. None of the Southern versions escaped the cutters torch.

MARSH'S 4-4-2 H2 ATLANTIC FOR THE L.B.S.C.R.



THE MODEL MAKERS KITS

These are ideal for those whose machining facilities or skills are limited or whose modelling time is at a premium. They are a good stepping stone from the 4mm and 7mm kits into the world of gauge one.

The boilers are built, tested and certified in house. The steam chests and cylinder units come as 'loose assemblies' with pistons and valves in place ready for you to carry out the final assembly and seal them up. Laser cut steel frame, rods etc will need their edges cleaning up and piloted hole opening out and tapping where necessary. The etched brass components are supplied as flat sheets requiring forming. Simple jigs used for forming are sketched in the manual. Detail castings are in brass, nicklesilver or whitemetal. All machining is done. Pressure gauge, screws, nuts, rivets, 'O' ring seals, springs etc. are included to complete the assembly.

You will require a bench and vice, some hand tools, a drilling facility (which could be an electric drill on a stand) and a small gas torch for soldering. The work includes simple bending of sheet metal, drilling piloted holes out to size, soft soldering and some silver (hard) soldering of small components.

The model making hobby is littered with part built projects which have been abandoned because the modeller has hit a problem. We offer a 'Get out of trouble'service. It could be advice on the phone, a practical soldering training session in our works, correcting a mishap or setting valve timing. We include two hours free consultation or training session in our works and will try to advise over the phone during normal working hours. Over and above the two free hours there will be a nominal charge.



We will also supply replacements for individual components providing they are returned for us to identify. For etched items or investment castings there will be a charge depending on the size. Whitemetal castings returned with a stamped self addressed packing are free.

The construction manual comprises photographs, 3D CAD images and text together with identification diagrams and drawings. It takes you through each stage, including settings and adjustments, finishing with operation and use.

LOCO SPECIFICATION

- Scale : 10mm : 1ft
- Length : GNR 597mm (23.5")
: LBSCR 610mm (24")
- Radius : Minimum 2.3m (7' 6") on G.N.R prototype.
- Weight : 4.5Kg (10 LB) estimated.
- Fuel : Alcohol (Methylated spirit) supplied by constant level feed system.
: Or Coal, Anthracite 'Grains' about 6-10mm
- Boilers : Internally fired, multi flue, superheated. with safety valve.
: Built from copper and bronze, silver soldered throughout.
: Tested to 200psi (13bar)
: Max.allowable working pressure 100psi (6.5bar)
- Controls : Regulator, blower, pressure gauge.
: Spirit models have spirit valve and water level test cock.
: Coal models have water gauge and firing tools.
- Cylinders : Two, 12.7mm dia x 22mm stroke (1/2" x 7/8")
- Valvegear : Slip eccentric, slide valve, between frames.
- Lubrication : Displacement (Rosco) type.
- Water feeds : Water carried in the tender which contains hand pump and bypass valve.
: An axledriven pump with its pipework, clack valve and boiler feed.
: High pressure 'ball & socket' coupling between loco and tender.
- General : Loco suspension, buffers and coupling hooks sprung.
: Wheels and axles are to Gauge One 'Standard' dimensions.

