

1 HIGHMEADOW, WYESHAM, MONMOUTH, MONMOUTHSHIRE, NP25 3TB  
 Telephone: 01600 713913      Email: hotspurengines@gmail.com

## PRICE LIST for DRAWINGS & MATERIALS

### L.N.W.R. 0-8-0 Heavy Goods Locomotive in 5" Gauge.

(This model called 'Wessie' was featured as a construction series in the *EIM* Magazine)

The details cover the 'C' and 'D' Classes with slide valve cylinders or the G2 Class with piston valve cylinders. Some details for the 0-8-2 Tank engine are also available, so please specify which version you are interested in.

#### DRAWINGS:

All drawings are fine line copied from film and are either ½A0, A1 or A2. Sheets cost either £2 or £2.50 each but batches of drawings are discounted. Price for full set £80. (See overleaf for list available to date)

#### MATERIALS:- (No VAT charged, but postage/carriage and insurance are extra)

##### Laser - cut Steel parts:

Mainframe plates (3mm mild steel) (pair) (Specify whether frames are required for C/D or G2 version)	£79.00
Tender frame parts for Whale D/G or Bowen-Cooke G2 classes (10 pieces of 1.5 mm steel)	£74.00
Front buffer beam plate (3mm mild steel) (2-off required for Tank chassis)	£7.10
Rear drag box assembly – 'C', 'D' and G2 (set of 9 parts – 3mm mild steel)	£23.50
Rear drag box outer plate for C/D and G2 versions (1½mm mild steel)	£5.00
Boiler support stay (3 parts – 3mm mild steel) (Again, specify if required for C or D Class, the later G Class or Tank versions)	£10.00
Driving axle centre stay (for C/D classes plus the 0-8-2T) (3mm mild Steel)	£6.10
Intermediate axle spring support stay (set of 5 parts – 4mm mild steel)	£10.50
Driving wheel backplates (set of 8)	£36.00
Jig plate (for setting out openings in driving wheels) (special order only)	£8.00
Jig plate (for setting out openings in trailing wheels for 0-8-2T) (special order only)	£6.50
Crank webs (set of 4 – 10mm mild steel plate)	£36.00
Brakeshaft brackets rear ('D' Class)	£8.50
Additional brakeshaft brackets for G2 Class (centre)	£7.90
Tender front brakeshaft brackets (for B-C version only)(pr)	£6.50
Brake hangers (set of 8 prs)	£24.00
Brake beam plates (4 prs)	£14.00
Motion plate (do specify for the correct 0-8-0 version)	£18.00
Front guard irons (an additional design is available for the 0-8-2T engine)	£8.50
Laser cut balance weight plates (3mm) (set of 18)	£36.00
Single piece coupling rod blanks for 0-8-0 'C' & 'G1' classes and 0-8-2T (set of 6)	£60.00
Alloy channel for tender front and rear beams (20" length)	£4.00
Tender brake pull rods (set of 8)	£18.00
Tenders brake compensating links (set of 8)	£13.00
Tender rear brakeshaft brackets (both versions)(pr)	£8.50
Set of 'D' Class cab front plates and brass windows frames	£15.00
Set of 'G' Class cab front plates and brass windows frames	£15.00
Sandbox lid parts (MS & Brass) (one of each required for one assembly) each with CT drg.	£9.00

##### Lost wax stainless steel castings:

'D' Class reverser 5-spoke handwheel (1-off)	£10.00
'G' Class reverser and tender 5-spoke handwheels (3-off)	£27.00
Smokebox handwheel and handle	£9.00

##### Water jet cut steel parts:

Hooks (gauge plate) (2-off)	£18.00
Spring hangers for leading axles (set of 8)	£26.00
Connecting rods (pr) (1/4" plate)	£33.00

**Cast Iron Parts:**

<b>Driving wheels (set of 8)</b>	<b>£150.00</b>
<b>Finished machined driving wheel castings (per set of 8)</b>	<b>£320.00</b>
<b>Tender wheels (set of 6)</b>	<b>£90.00</b>
<b>Cylinder casting for C/D Class and 0-8-2T (slide valves)</b>	<b>£65.00</b>
<b>Steam chest for slide valve cylinders</b>	<b>£18.00</b>
<b>Cylinder casting for G2 Class (piston valves)</b>	<b>£70.00</b>
<b>Brake block ring</b>	<b>£26.00</b>

**Bronze Parts:**

<b>Trailing axle stretcher and spring support frames (pr)</b>	<b>£17.00</b>
<b>Cylinder castings (either piston valve or slide valve and chest)</b>	<b>POA</b>
<b>Leading, driving and intermediate coupled axle horns (set of 6) (for 0-8-2 Tank only)</b>	<b>£37.50</b>
<b>Radial axle components (4 parts) for 0-8-2T only</b>	<b>£60.00</b>

**Drawings:-**

- 1 GA of Locomotive (½A0)
- 2 Frames and hornblock details for C,D and G classes (½A0)
- 3 Front buffer beam details and boiler plate stay for C and D Classes (A2)
- 4 Dragbox assembly, rear beam plate and driving axle centre stay details(for C/D)(A2)
- 5 Buffer details, axleboxes and hooks (A2)
- 6 Axles including crank axle parts, plus rear intermediate stay and G2 plate stay(A2)
- 7 Suspension parts for leading and driving axles.
- 8 Suspension details for intermediate and driving axles.
- 9 Trailing axlebox detail plus driving wheels and crankpins.
- 10 Methods for fitting/quartering wheels and axles.
- 11 Details of coupling rods for all classes(1)
- 12 Details of coupling rods for all classes(2)
- 13 Brake gear parts; brackets, hangers, blocks and crossbeams
- 14 Slide valve cylinder details; blocks, covers, valves, pistons and steam chest
- 15 Cross heads, slide bars, steam chest cover (D class) and motion plate
- 16 Centre bearing and connecting rod assembly details plus 'D' Class Joy valve gear parts
- 17 Joy valve gear GA for 'D' Class and slide machining tool
- 18 Slide shaft assembly.
- 19 G2 boiler drawing (Belpair firebox)
- 20 'D' Class boiler drawing (Round Top firebox)
- 21 Piston valve cylinder block and valve details
- 22 Slide shaft bearings, alternative drain cock position and operating linkage
- 23 Piston valve gear GA reach rods and front guard irons
- 24 Reverser details and lubricator GA
- 25 Lubricator details and steam brake cylinder
- 26 Brake linkage(s) for C and D classes
- 27 Brake linkage for G2 and vacuum cylinder
- 28 Vacuum cylinder mountings, boiler inner dome and regulator handles
- 29 Safety valves and smokebox details.
- 30 Running board details (½A0).
- 31 Smokebox assemblies.
- 32 Chimney and blast pipe details.
- 33 Superheater assembly details
- 34 Blower assembly details, hand pump clack valve and blow down valve.
- 35 Reverser wheel, backhead clack, steam turret and injector steam valve.
- 36 Water gauge assembly, whistle valve and steam brake valve details.
- 37 LMS firebox door and ashpan and grate assembly.
- 38 Cab details for both 'C', 'D' and 'G1' plus the later G2 versions.
- 39 Dome, safety valve casing and cab floor
- 40 Sandbox details
- 41 Working sandbox valve and operating shafts, plus vacuum pipe and dummy lubricator
- 42 General arrangement drawings for Bowen-Cooke tender for G2.(A1)
- 43 Chassis frame details for Bowen Cooke tender design
- 44 Tender buffer beams and brakshaft bracket details.
- 45 Whale tender outside frame and other common brake hanger and bracket details
- 46 Tender axleboxes, wheels, axle and buffer arrangements
- 47 Tender brake gear mechanism for Bowen-Cooke version.
- 48 Whale tender brake gear and water scoop details.
- 49 Tender body details (1)
- 50 Tender body details (2) (A1)
- 51 Tender hand pump & water valves, plus 'coping' upstand.
- 52 (Pt. Drg.) Tender screw mechanism for brakes and scoop, plus operating rods.
- 53 (Pt. Drg.) Tender rear step details and water pipe connection.

**Additional drawings for 0-8-2Tank:-**

- A) Details of frames and stretcher parts
- B) Chassis trailing axle suspension parts
- C) Main horn blocks and suspension components, plus crankshaft and wheel boss dimensions.
- D) Leading axle suspension spring details.(pending)