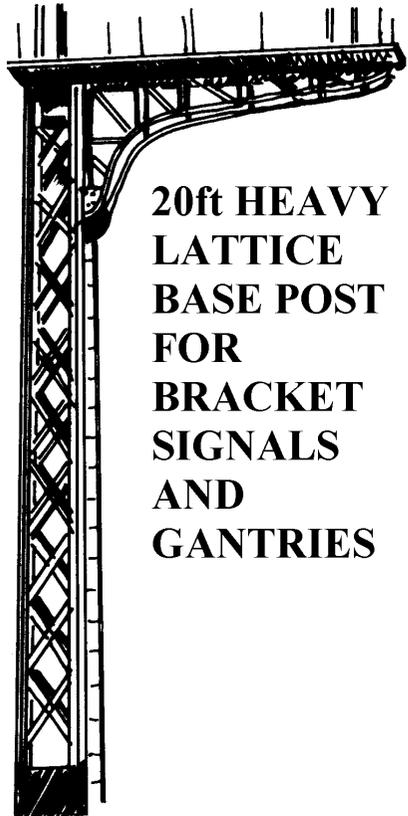


MODEL SIGNAL ENGINEERING



Part of WIZARD MODELS LIMITED
 PO BOX 70 BARTON upon HUMBER DN18 5XY
 01652 635885 www.wizardmodels.ltd

SCALE	CODE	
7mm	S020	



**20ft HEAVY
 LATTICE
 BASE POST
 FOR
 BRACKET
 SIGNALS
 AND
 GANTRIES**

This Railway Signal Company base post is suitable for all those pre-Group railway companies which employed lattice posts. It would usually be found supporting a large lattice bracket (or two for an equal tee formation), or at each end of a gantry.

Brackets, ladder, dolls, arms and fittings are required to complete.

ASSEMBLY INSTRUCTIONS

To remove the components, cut into the edge of the fret only, with a pair of sharp scissors. The parts will wiggle out. Split the fret into two halves; only this way will you have a perfect square to the base.

Fold each half of the post to a 90° angle with the half-etched tabs on the **inside**. Using 145° or 188° solder and a liquid flux, tin the edges of each post face and form a seam on the inside of the two bends. This will make the angles rigid. Don't dwell too long with the iron as you may induce a curve into the post. Work from alternate ends of the post to minimise curving from heat expansion; this is less likely with a Resistance Soldering Unit.

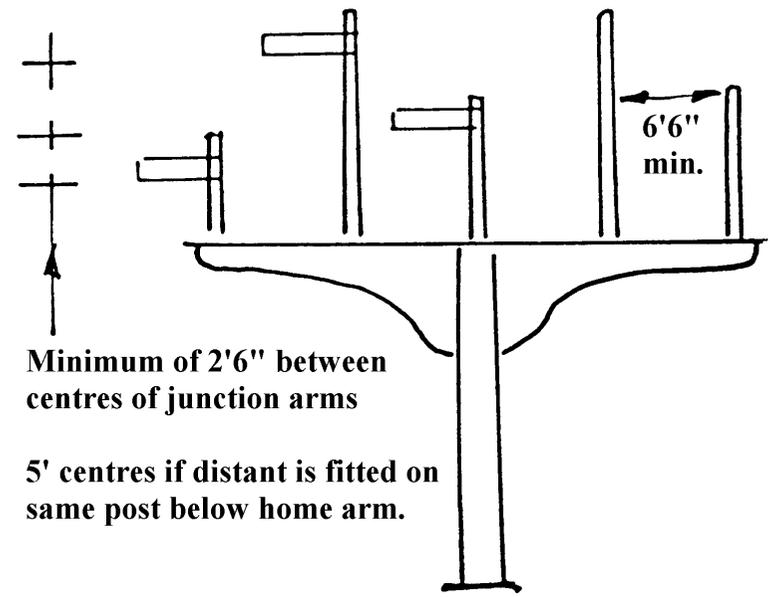
When both halves of the post are ready, fix the base of each post half to a ground plate made from scrap brass. Run the iron up both sides of the post to produce a rigid jointed lattice post.

Study photographs to ascertain the method of fixing the bracket to the base post and the bracing required.

The whole of the post and bracket assembly will usually be painted white, with the bottom 3'6" or so of the post in black, but refer to a good photograph.

When the completed signal is installed, it is important to set the post at the trackside in such a way that there is sufficient clearance for stock to run beneath the bracket without damage. The minimum clearance over the centreline of the track between the bottom of the bracket and rail level is usually 15'. See the typical formation drawings overleaf for more information.

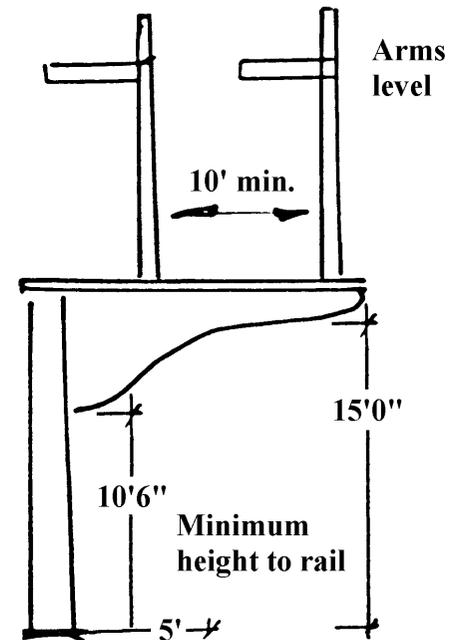
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Minimum of 2'6" between centres of junction arms

5' centres if distant is fitted on same post below home arm.

Equal tee junction signal



Min. distance - post to nearest rail

Parallel roads offset bracket signal