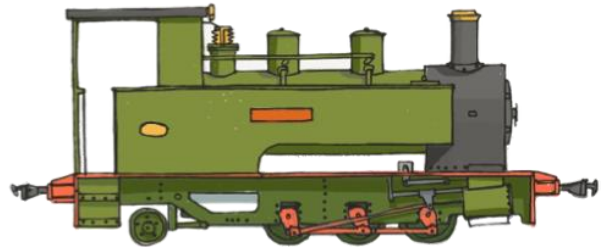


Bowaters

MODELS

specialising in distinctive 16mm models



Bowaters Models – BMR Series Instructions Coke, Flat and Tank Wagon



Requires

- Bowaters Models BMR Wagon Bogies in the gauge of your choice
- Accucraft Chopper Couplings Z2/IP Engineering Turned Steel Buffers

Required Tools

- Fine Sandpaper/Emery paper or boards
- Small Files
- PVA Glue
- Super Glue
- Sharp Craft Knife

Prototype Information

Established in the early 1900s, the Burma Mines Railway was developed as a 50 mile long, 2foot gauge line in northeastern Burma (now Myanmar). Its purpose was to take mineral ores from the mine at Bawdwin, to the smelter at Namtu, and then the product then down to connect with the national railway system at Namyao.

Steep grades, tight turns work the locos hard, and the 540 degree spiral just outside Tiger Camp at Bawdwin was a favourite photographic spot. The line still exists with diesel power, but the southern section down to the national rail system is rarely used, and the area itself is deemed a 'Security Area' by the Myanmar authorities, so access is severely limited.

With that in mind, information on the rolling stock is scarce, so these kits are developed largely on engineering assessment of photographic data. Additionally minor compromises have been have to be in the conversion to kit form. The kits are intended to be good models in their own right, but will benefit for additional detailing. A web-search will reveal footage and photos from the few railtours who have managed to gain official permission to visit the line in the last few years.

About the Kit

The kit is a wooden kit comprising of a set of laser cut wooden parts and 3D printed sections.

Chassis Fitting

This kit is designed for the Bowaters Models BMR Wagon Bogies. These are assembled as per the instructions. These are fitted at the end of the assembly stage.

Couplings

This kit is designed to make use of Accucraft Chopper Couplings or IP Engineering Turned Steel Buffers which are to be mounted in the prototypical location.

Instruction notes

With these instructions, there are images which show various stages of the construction of one of the kits. They are of the Test builds for BMR-001, BMR-002 and BMR-003 which isn't representative of the kit you have brought. They are for reference purposes only.

Painting

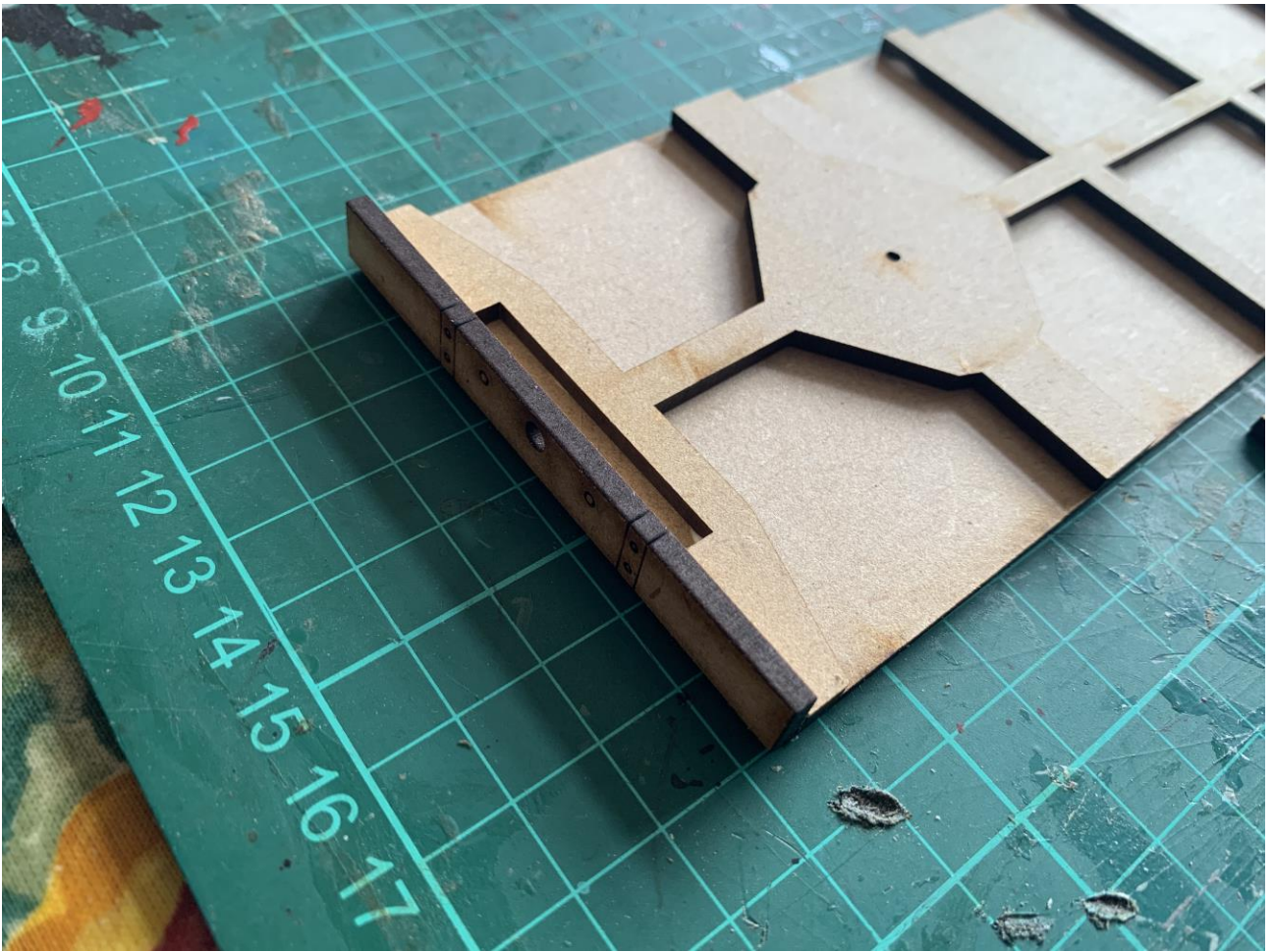
- Main Paint Scheme
 - The current wagons seem to be have been painted in red oxide, but are all heavily weathered/sunbleached

Please Turn over

Please read through these instructions before beginning to assemble your kit



Start by gluing the bottom chassis piece onto the main floor panel.



Now glue on the bufferbeams. These sit on the end of the chassis section.



You can now glue on the chassis side pieces.

This completes the flat wagon body.

Turn over for the Coke Wagon, Tank Wagon and coupling/bogie fitting instructions.



Coke Wagon – This kit features a different buffer beam which slots over the top of the chassis side panels. This also has the coke wagon end panel included forming a combined headstock.



Now glue on the coke wagon sides which sit between the two headstock panels.

This completes the coke wagon.

Turn over for the Tank Wagon and coupling/bogie fitting instructions.



Tank Wagon – Start assembling the tank by gluing one of the sides and the two ends onto the tank top.



Next glue on the other side.



Now its time to mount the tank onto the flat wagon. This is simply glued on top of the flat wagon chassis.



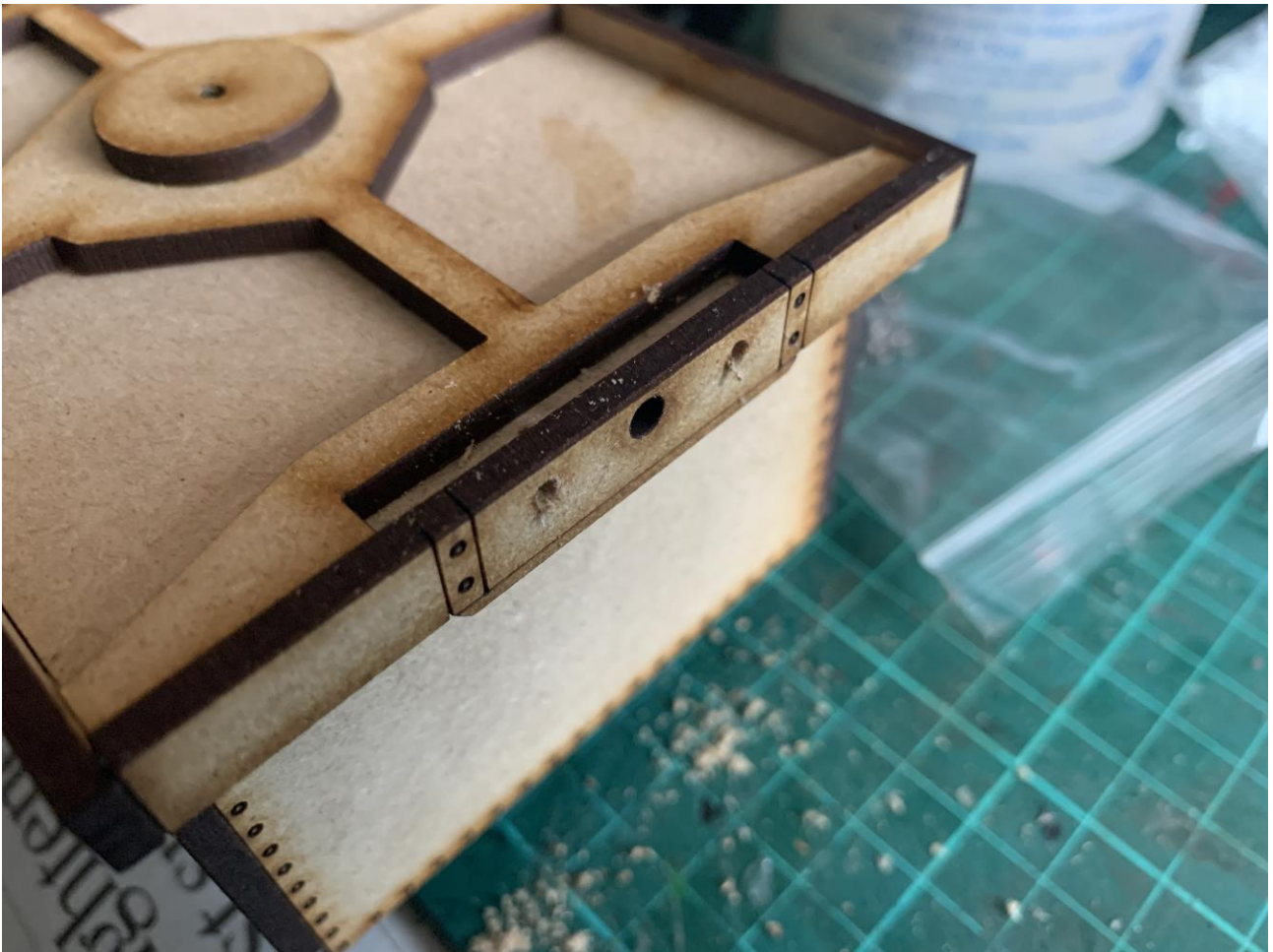
To finish the tank wagon, glue on the filler cap. This is formed of 2 smaller disks and a larger disk per filler which is laser etched into the top of the tank.

The tank wagon body is now complete.

Turn over for bogie fitting instructions



Bogie/Coupling Fitting instructions – Turn the model over and glue the wooden disk with a small hole in above each similarly sized hole on the chassis underside. Once dry, you can then screw the bogies into that hole at each end of the model.



As standard, each model comes with the hole for a IP engineering Steel turned Buffer to be slid and bolted into place using the centre hole pre-cut. For those who wish to fit Accucraft Chopper Couplings, you can drill out the two half etched holes in the buffer beams which are the correct height and spacing for the couplings to be bolted into place covering the hole for the IPE coupling in the process.

Your Model(s) is/are now complete.



We hope you enjoy your Bowaters Models kit! If you have any questions, don't hesitate to contact us on info@bowatersmodels.co.uk

We thank you for your custom.