

## MJ Co passenger coach

### THE MODEL

The model is in 1:45 scale for 12,7 mm gauge. The kit is complete except solder, glue and paint. The material used to design the kit stems from detail measurements on the prototype at the ÖSIJ railway museum in Mariefred, Sweden and drawings. Many thanks to Jerry Kålbäck and Jörgen Wetterskog for help with information, kit reviewing and some master models for castings.

The main construction is done in etched brass. The bogie side frames and some other details are cast in brass. The 0n2 wheelsets comes from NorthWest Shortlines. The tar paper on the roof is simulated by Kodak lens cleaning paper. Transparent plasticard is used for glazing. Kadee couplers are included with non-working scale buffers available separately as replacement, using the same interface. Brass profiles, brass rods, screws, nuts and other small details complete the kit.



*MJ Co no 1 in Mariefred 1998*

### PROTOTYPE HISTORY

MJ Co no 1 was delivered 1895 by Vagnfabriks AB i Södertelge (Vabis). Originally it was fully covered by sheet metal. It was painted in blue (indicating 1:st class) with yellow lining. The platforms had no gates but only a chain at the sides and the end railing was closed.

Somewhere after 1915 the chains were substituted for gates for safety reasons. At a revision in 1930 the sheet metal was removed from the sides only. At an unknown time point a post box was added.

During the first renovation at ÖSIJ end gates were added as well as torpedo vents on the roof. Also a brake wheel substituted the original simple brake handle and end of train marker holders on the carbody side were mounted. At the second renovation/revision at ÖSIJ the wagon received sheet metal protection on the sides again, now painted as it was once delivered.



*MJ Co no 1 in Mariefred 2001, before the lining was added*

**TECHNICAL DATA, PROTOTYPE:**

Length	7000 mm
Bogie pivot distance	4800 mm
Weight	3,6 ton (4,1?)
Maximum number of passengers	24

**MAIN MODEL DATA:**

Scale	1:45
Gauge	12,7 mm
Length	156 mm
Width	41 mm