

M&S MR1 Roll Pallet Shelf

Product Specification

Version 1 Mar-2024

Marks & Spencer are ordering to the specifications laid out in this document and it is our expectation that all aspects will be met in full.

First-off samples delivered into the UK must be signed off prior to any collections / deliveries. Following initial acceptance random samples will be taken during the delivery window and tested to ensure compliance to these specifications.

M&S reserve the right to refuse any products which do not comply with the following specification.

Tolerances:

All standards and dimensions in this specification must be within tolerance of +/- 3mm. No sharp edges or burring is acceptable, shelves will be rejected by M&S or its appointed representative. Where remedial work is undertaken to correct sharp edges/burrs those areas will be at no additional costs to M&S.

Shelf Frame:

Outer frame constructed from 19x19x1.5mm. square shoulder profile must be used with the plastic bungs on the 2 openings. Embossed with Property of Marks & Spencer Not for Sale of Disposal.

The Shelf is fixed at the fixed side end by a bracket, i.e. the shelf slider manufactured from 4mm plate. The shelf slider is fixed to back panel-using 2. Off M8x24 Cap, head zinc plated Allen key bolts with integral shoulder .2 M.8 Nyloc nuts 2 x 24Od x12ldx 2.5 form G washers. Fixed with a torque of 25Nm

The shelf must be free to travel up and down the frame freely and be flush around the side frame.

Shelf slider x 2 must prevent the shelf from being disengaged during use. Shelf sliders to be of the correct radius in relation to back panel tube.

2 off downward rod hooks constructed from ø8mm dia rod, this hooks will catch the horizontal wire on the moveable side when the shelf is loaded frame.

These hooks should be welded on both sides of the rod where it meets the frame

The upwards rod hook will be caught by the triangled top hook on the fixed side when the shelf is lifted in the vertical state.

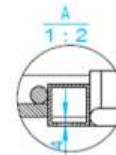
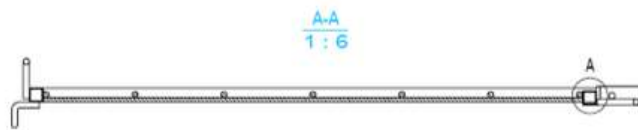
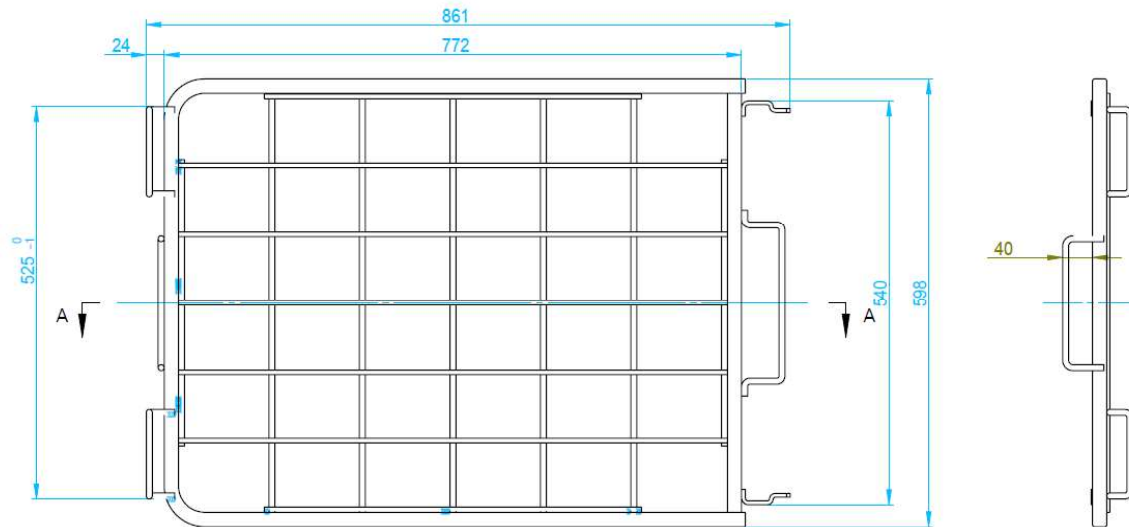
7 off ø8mm rods and 7 off ø6mm rods build the infill net.

The flat U shape rod will load on the horizontal wire on the fixed side

Approx. Overall Dimensions: (load area)

Length 775mm

Width 600mm



Finish:

M&S insist that all electro zinc plating is undertaken by a qualified and competent supplier. All existing both local and international standards to limit any environmental impact of waste solutions need to be managed. A process control system fully auditable needs to be provided.

The long side edge tubes (both) to be stamped "PROPERTY OF MARKS & SPENCER Not for Sale or Disposal"

Zinc electroplate to BS EN 123329: Fe/Zn 8 to 12 microns average minimum thickness and clear acrylic lacquer coated for extra corrosion protection.

All plating is capable of meeting ISO 9227 Salt Spray test to a standard of 5% white corrosion at 50 hours

Materials & Welds:

All materials to be weldable steel conforming to relevant British Standards.

The product must be deburred, and all sharp edges removed.

All MIG CO2 welds to conform to BS EN 1011-1:1998 and BS EN 1011-2:2001 with visual inspection to BS 5289.

All bolts must be fixed to a torque of 25Nm