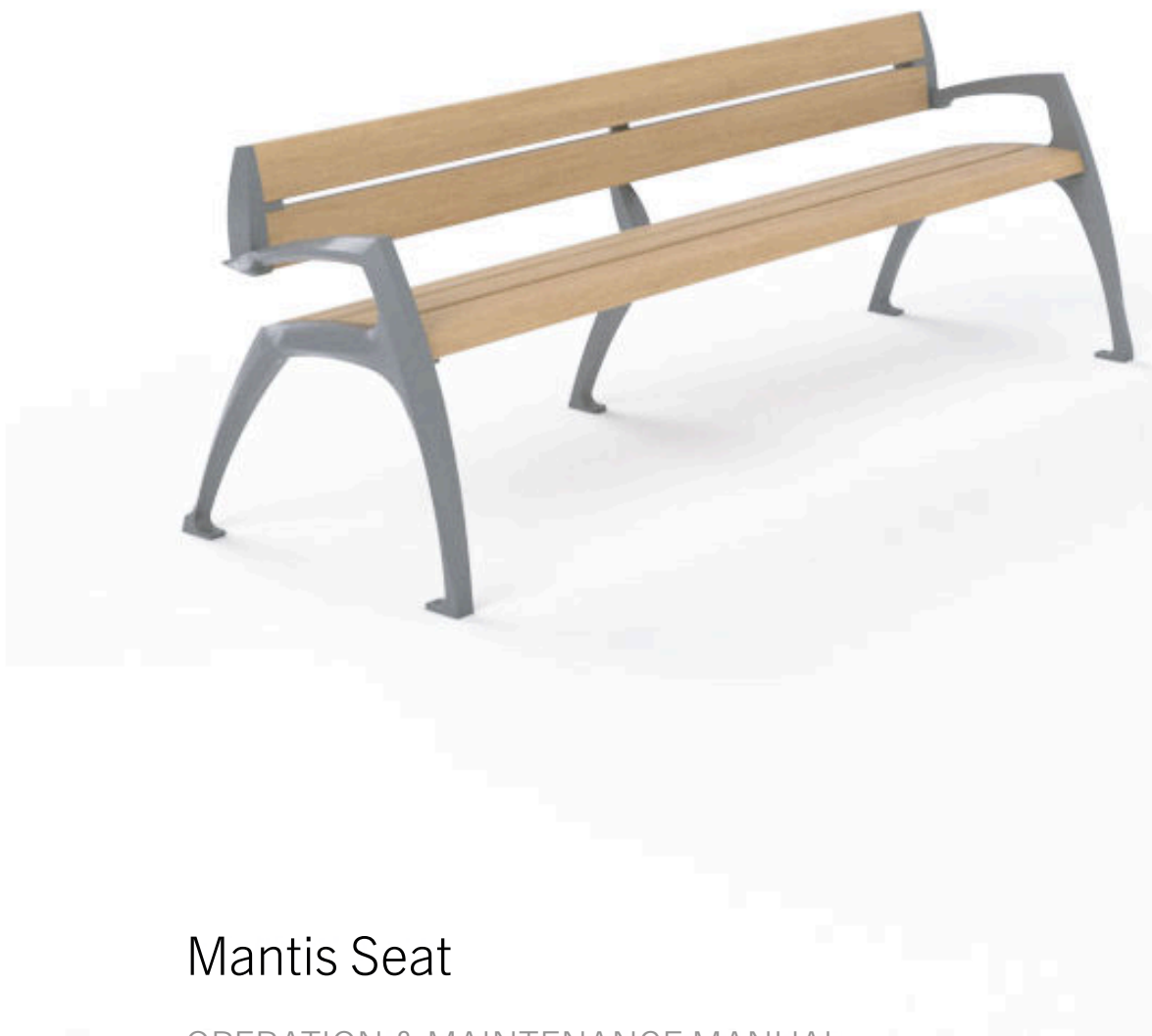
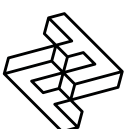


FACTORY FURNITURE



Mantis Seat

OPERATION & MAINTENANCE MANUAL



Introduction

Design

Design, shop drawings and development by Factory Furniture Ltd.

Manufacture

Factory Furniture manufactured components. Products are assembled in Factory workshops, checked and dispatched ready for installation. Replacement products or components thereof should be ordered direct from Factory Furniture Ltd.

Copyright

The design copyright for the product and drawing copyright remains the sole property of Factory Furniture Ltd.

General Specifications

Seat

Metric length 2145mm | width 705mm | height 730mm
Imperial length 7' ½" | width 2' 4" | height 2' 4½"

Approx Weight 74kg

Fixing Centres 2105mm (6' 11") x 575mm (1' 10½")*

*Also central fixing point

Materials & Finishes

Seat Slats / Back Slats

- Slats are manufactured from FSC® certified tropical hardwood (*other FSC timber options available*)
- Slats are profiled and left untreated as standard (*oil or microporous woodstain treatment available on request*)
- Slats mounted on aluminium frame (*2 side legs and 1 central leg*) with 5 no. fixing points in total per slat (*except for rear 2 seat top slats which have 3 no. fixing points per seat*)



Frame (Side legs and central leg)

- Manufactured from cast aluminium with a polyester powder-coated finish (powder-coat colour: grey as standard or to customer specification)
- Side legs anchored using 2 no. resin fixed M10 x 200mm threaded rods and cap nuts per base
- Central leg anchored 1 no. resin fixed M10 x 200mm

General Maintenance

(Recommended Schedule & Guidelines)

Daily/Weekly/Monthly (or as adopted)

Visual checks of seat top, back and bases - check all items for superficial or physical damage.

Three Monthly

Clean all items as detailed below check all fixings are seated correctly; inspect timber for serious damage and splinters.

Six Monthly

Secure all fixings; full clean as detailed below; check that seat/bench is firmly secured to the ground.

Specific Maintenance Details

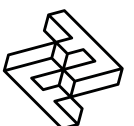
FSC Timber

Clean with a stiff brush once per year, especially in more exposed locations, in order to prevent a verdigris type build up on the timber surface. Ideally this should be completed in early spring. During the cleaning stage, all exposed timber surfaces should be inspected for splits and splinters. Any splinters and graffiti should be removed and the surface sanded with 100 grit sandpaper in order to remove any uneven / sharp edges or surfaces.

During the first few months after installation the tannin naturally occurring in the timber may leach out and cause a brown staining on the bases. This may be removed with a light solution of household bleach and water.

Polyester Powder Coated Aluminium

For general cleaning using a damp cloth and warm soapy water only. Scourers and abrasive cleaners are NOT suitable for this type of finish and may damage it. Before using any cleaning agents to remove graffiti etc. try on a small, inconspicuous area first to avoid causing more unsightly damage.



Repairs

FSC Timber

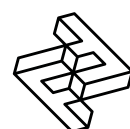
For light damage, please see section on specific maintenance details above. For instances of heavy damage, the timber item should be replaced. Please order against the part number reference in the reordering section towards the end of this manual.

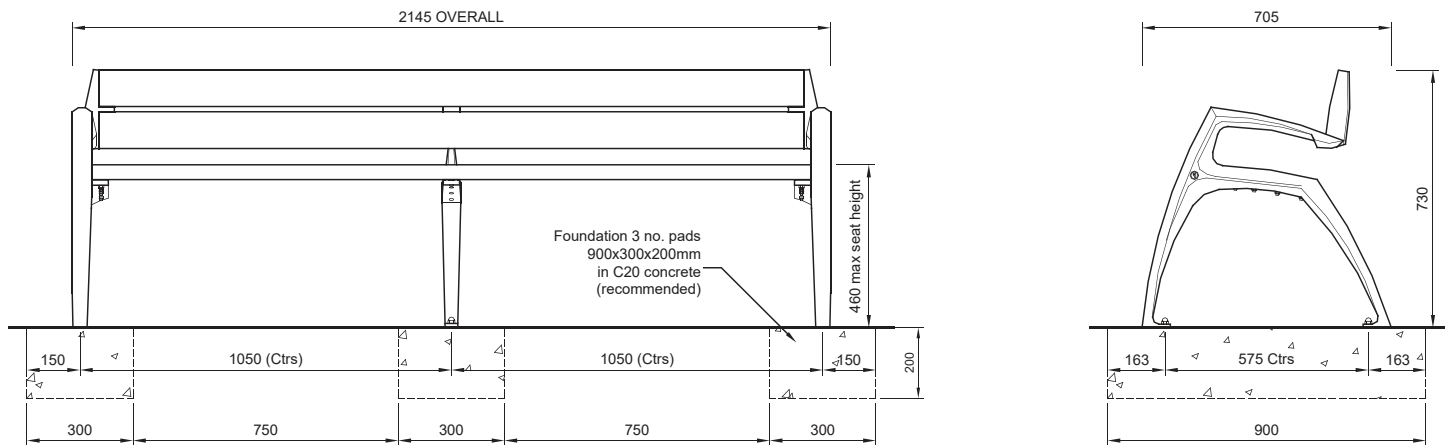
Polyester Powder Coated Surfaces

For light damage (scratches, chips etc.) repair using touch-up paint to match original colour (available from Factory Furniture Ltd). Paint application should be carried out in accordance with approved methods detailed by the paint manufacturer. Please note that it is advisable to use professional painters to achieve best results when touching up larger areas. Products for respraying larger areas are available from Factory Furniture Ltd.

Heavy Damage

In the event of serious damage to any component, replacements should be ordered from Factory Furniture Ltd. Should further assistance be required (or if the product needs to be disassembled for any reason), please contact Factory Furniture for detailed technical advice.



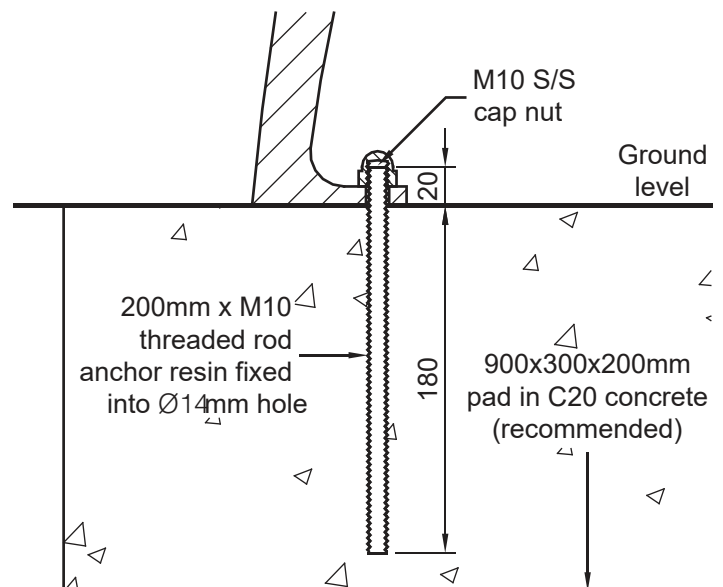


Installation Instructions

All installation works to be carried out by competent personnel - install as complete unit.

Mantis seat

1. Install suitable foundation with top face at ground level.
2. Position seat in correct orientation with bases centrally on foundation pads; then mark hole positions through fixing lugs on legs (5 no. holes in total).
3. Remove the bench; drill holes $\varnothing 14\text{mm} \times 200\text{mm}$ deep.
4. Clear debris from holes.
5. Fill the holes to within approximately 35mm from the top with Hilti HY150 resin (or similar). Lift the seat (with threaded anchor rods/capnuts in place) and carefully lower the anchors into the holes, leave for two hours before using.
6. Using a torque wrench, tighten nuts and washers onto fixing lugs to 30Nm to securely fasten the seat. (Check that seat remains level during fixing process)



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