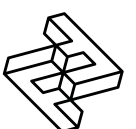


# FACTORY FURNITURE



## Murton Benches & 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

## Wood Bench

*Metric* length 2020mm | width 435mm | height 450mm  
*Imperial* length 6' 7½" | width 1' 5" | height 1' 5½"

**Approx Weight** 78kg

**Fixing Centres** 1940mm (6' 4½") x 300mm (12")

## Wood Seat (with back)

*Metric* length 2020mm | width 505mm | height 875mm  
*Imperial* length 6' 7½" | width 1' 8" | height 2' 10½"

**Approx Weight** 105kg

**Fixing Centres** 1940mm (6' 4½") x 300mm (12")

## Steel Bench

*Metric* length 2020mm | width 435mm | height 450mm  
*Imperial* length 6' 7½" | width 1' 5" | height 1' 5½"

**Approx Weight** 73kg

**Fixing Centres** 1940mm (6' 4½") x 300mm (12")

# Materials & Finishes

## Seat Slats

(Murton wood bench & seat only)

- Manufactured from FSC® certified tropical hardwood
- Profiled and left untreated as standard (oil or microporous woodstain treatment available on request)
- Supported on frame - attached with 4 no. fixing points each



## Back Rest (Murton wood seat only)

- Slats are manufactured from FSC certified tropical hardwood
- Slats are profiled and left untreated as standard (oil or microporous woodstain treatment available on request). Each slat is attached to the back frame via 4 no. fixing points.
- Back rest frame manufactured from stainless steel - satin polished finish (mild steel option available - hot dipped galvanised with polyester powder coat finish (powder coat colour grey as standard or to customer specification)). Each back support is fixed to the seat top via 2 no. fixing points
- Backrest frame is a welded construction

## Frame

- Manufactured from stainless steel - satin polished finish (mild steel option available - hot dipped galvanised with polyester powder coat finish (powder coat colour grey as standard or to customer specification))
- Frame is a welded construction
- Anchored to ground using 2 no. resin fixed M10 x 200mm threaded rods and cap nuts per base (4 off total)

# General Maintenance

(Recommended Schedule & Guidelines)

## Daily/Weekly/Monthly (or as adopted)

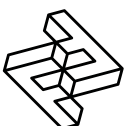
Visual checks of seat slats, frame and back (if applicable) - check all items for superficial or physical damage.

## 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.*

## Stainless Steel (polished stainless steel only)

Clean as required, but at least every three months, using a stainless steel polish and a lint free cloth. To remove ground in dirt, a stainless steel finishing pad may be required.

## Polyester Powder Coated & Galvanised

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.

## Stainless Steel

Light damage (surface scratches etc.) can be removed using an emery pad (240 grit) and freeing oil such as 'WD40'. Care should be taken to follow the direction of the brushing grain. It is recommended that a trial repair be carried out on an unimportant surface first. No corrosive cleaners or other abrasives should be used. Any contamination, particularly carbon steel scuffs from vehicles, should be quickly removed to avoid corrosion

## Polyester Powder Coated & Galvanised 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. In this event (or if the product needs to be disassembled for any reason), please contact Factory Furniture for detailed technical advice.

# Installation Instructions

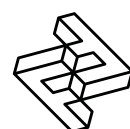
**All installation works to be carried out by competent personnel - install as complete unit.**

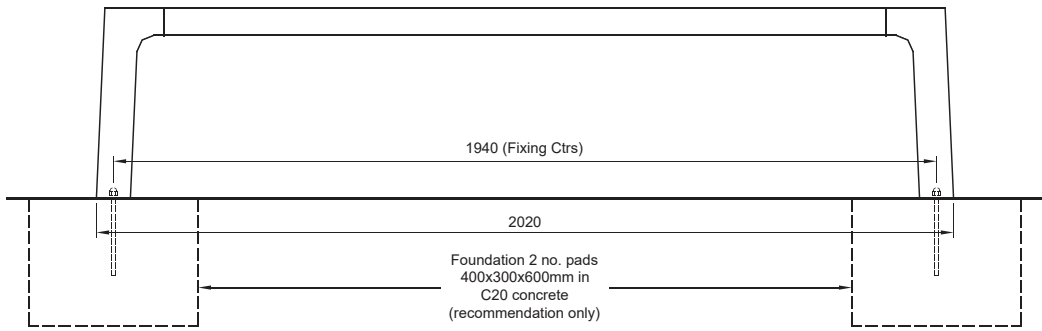
## Murton Wood Bench / Seat & Steel Bench (surface fix only)

1. Install suitable foundation pads (see illustration) each with top face at ground level
2. Position bench / seat in correct orientation with bases centrally on foundation pads, then mark hole positions through base plates.
3. Remove the bench / seat; drill holes  $\text{\O}14\text{mm}$  x 220mm 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 bench / 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 over flange plates to 30Nm to fasten down the bench / seat.
7. Check level

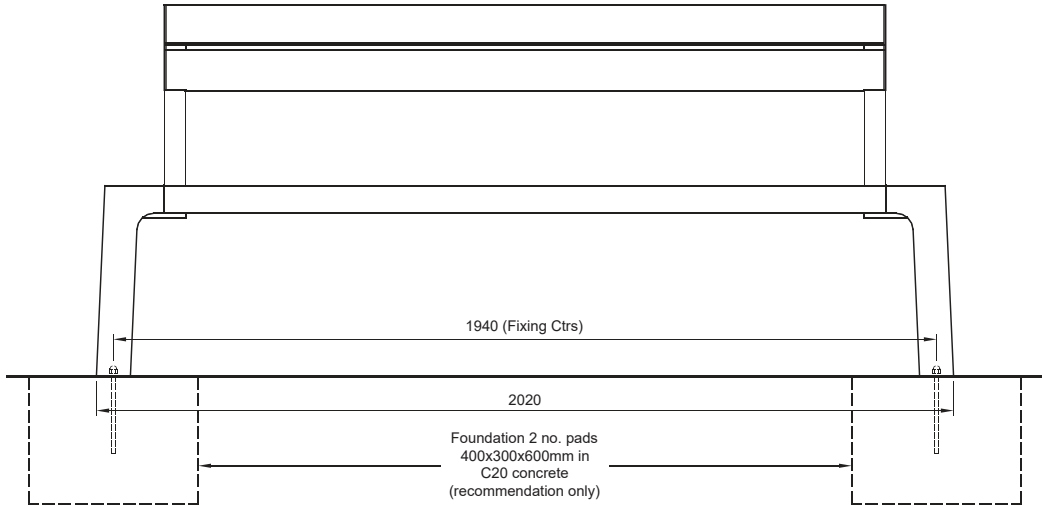
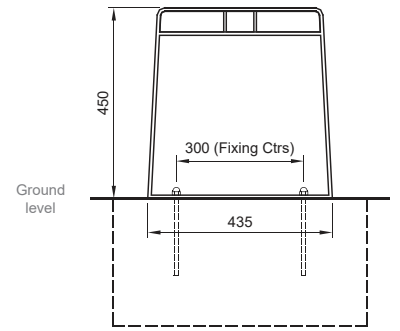
## IMPORTANT NOTE

Ensure that stainless steel is protected during site cutting of stone – contamination from disc cutters will produce corrosion on stainless steel components.

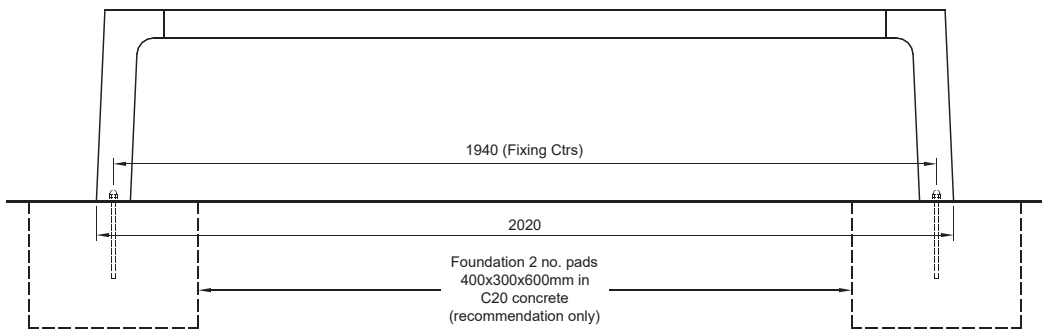
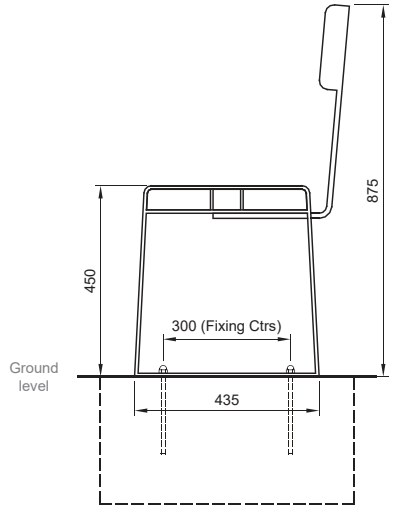




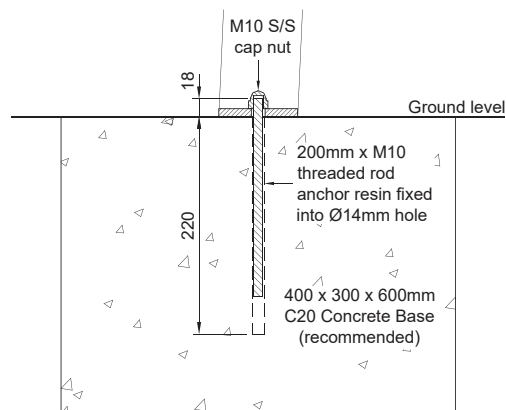
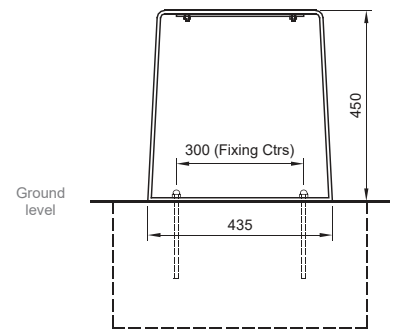
Wood Bench



Wood Seat



Steel Bench



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