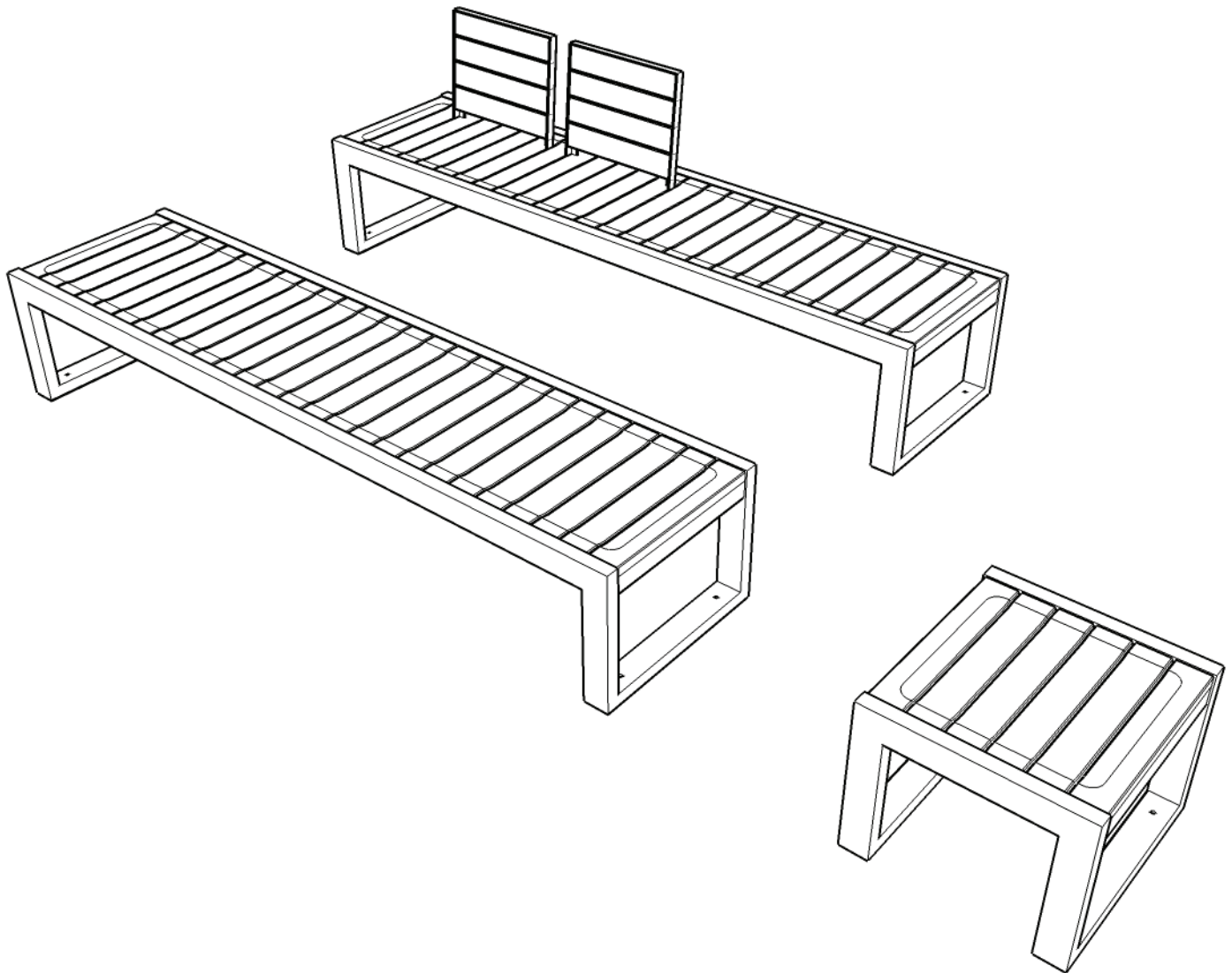




SKOP bench, seat & stool



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

Bench

Metric length 2500mm | width 620mm | height 450mm

Imperial length 8' 2½" | width 2' ½" | height 1' 5½"

Approx Weight 72kg

Fixing Centres 2420mm (7' 11½") x 420mm (1' 4½")

Stool

Metric length 580mm | width 620mm | height 450mm

Imperial length 1' 11" | width 2' ½" | height 1' 5½"

Approx Weight 27kg

Fixing Centres 500mm (1' 7½") x 420mm (1' 4½")

Seat (with back)

Metric length 2500mm | width 620mm | height 860mm

Imperial length 8' 2½" | width 2' ½" | height 2' 10"

Approx Weight 84kg

Detailed Material & Finish Specifications

Seat Slats

- Manufactured from FSC certified tropical hardwood or non-FSC oak (*other timber options available upon request*)
- 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 (Skop 'seat' only)

- Slats are manufactured from FSC certified tropical hardwood or non-FSC oak to match seat slats (*other timber options available upon request*).
- 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 2 no. fixing points. Each back panel has 4 no. slats
- Back rest frame manufactured from stainless steel angle - satin polished or polyester powder coated (*powder coat colour grey as standard or to customer specification*). Each back support is fixed to the seat top via 4 no. fixing points

Frame

- Manufactured from stainless steel rectangular section tubing - satin polished or polyester powder coated finishes (*powder coat colour grey as standard or to customer specification*)
- Anchored using 2 no. resin fixed M10 x 200mm threaded rods and cap nuts per base (*surface fix only*)

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 / Non-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

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 / Non-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 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.

Reordering / Spares

Part No.	Item Description
P1011 / 01	1 no. Skop bench slat set (not including frame) - (2 no. end slats and 24 no. mid slats total)
P1011 / 02	1 no. Skop seat slat set (not including frame) - (2 no. end slats and 24 no. mid slats total)
P1011 / 03	1 no. Skop stool slat set (not including frame) - (2 no. end slats and 4 no. mid slats total)
P1011 / 04	1 no. Skop back unit (complete assembled unit) - N.b. bench slats must be modified to use back unit

Instructions For Reordering

If possible, please specify job name or number at the time of reordering to enable identification of details such as the original species of timber used, stainless steel finishes and polyester powder coat colours etc. In any event where either, additional orders are required, or spares and replacements are required please contact Factory Furniture Ltd. Using the part numbers given above as reference should help us to process your enquiry more efficiently.

Note - All fittings required to assemble ordered parts will automatically be included in the order.

AutoCAD Drawing List

FF1011 / 01	SKOP BENCH	SEAT FABRICATION DRAWINGS
FF1011 / 02	SKOP BENCH	FRAME FABRICATION DRAWING AND SLAT DETAILS
FF1011 / 03	SKOP BENCH	BASE SETTING OUT
FF1011 / 04	SKOP BENCH	BACK REST FABRICATION DRAWINGS

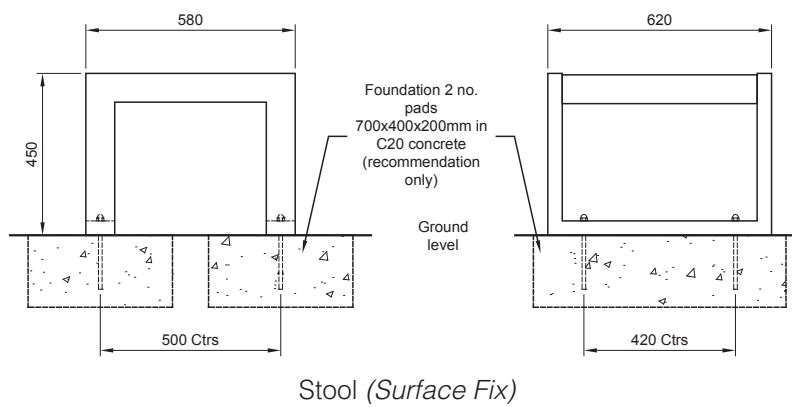
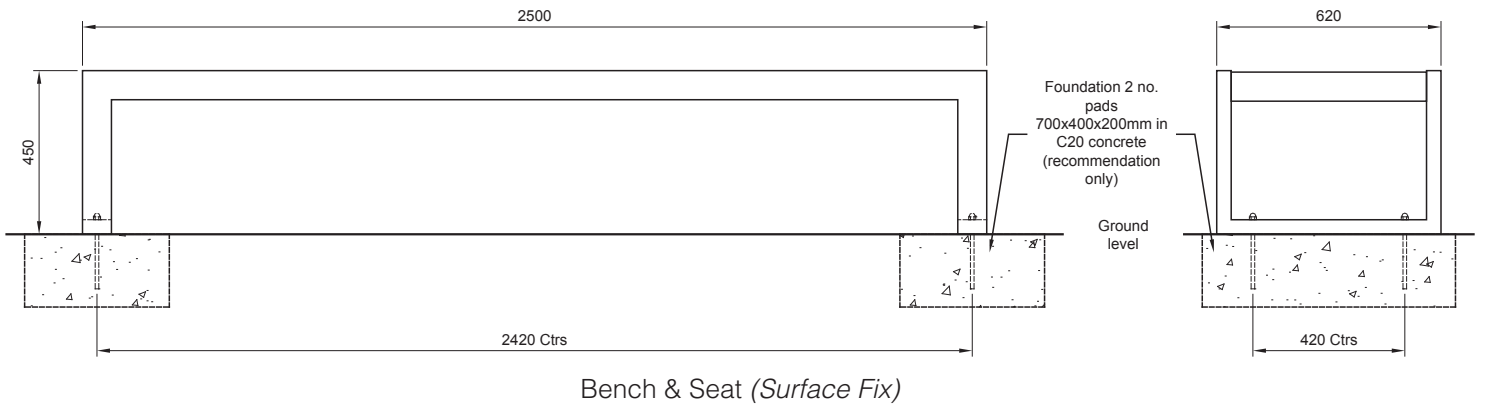
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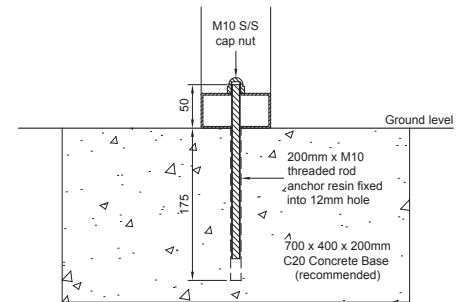
Installation Instructions

ALL INSTALLATION WORKS TO BE CARRIED OUT BY COMPETENT PERSONNEL - INSTALL AS COMPLETE UNIT.



Skop Bench / Seat / Stool (surface fix only)

1. Install suitable foundation pads (see illustration) each with top face at ground level
2. Position bench in correct orientation with bases centrally on foundation pads, then mark hole positions through base plates.
3. Remove the bench; drill holes $\text{Ø}12\text{mm} \times 175\text{mm}$ 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 over flange plates to 30Nm to fasten down the bench.
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.