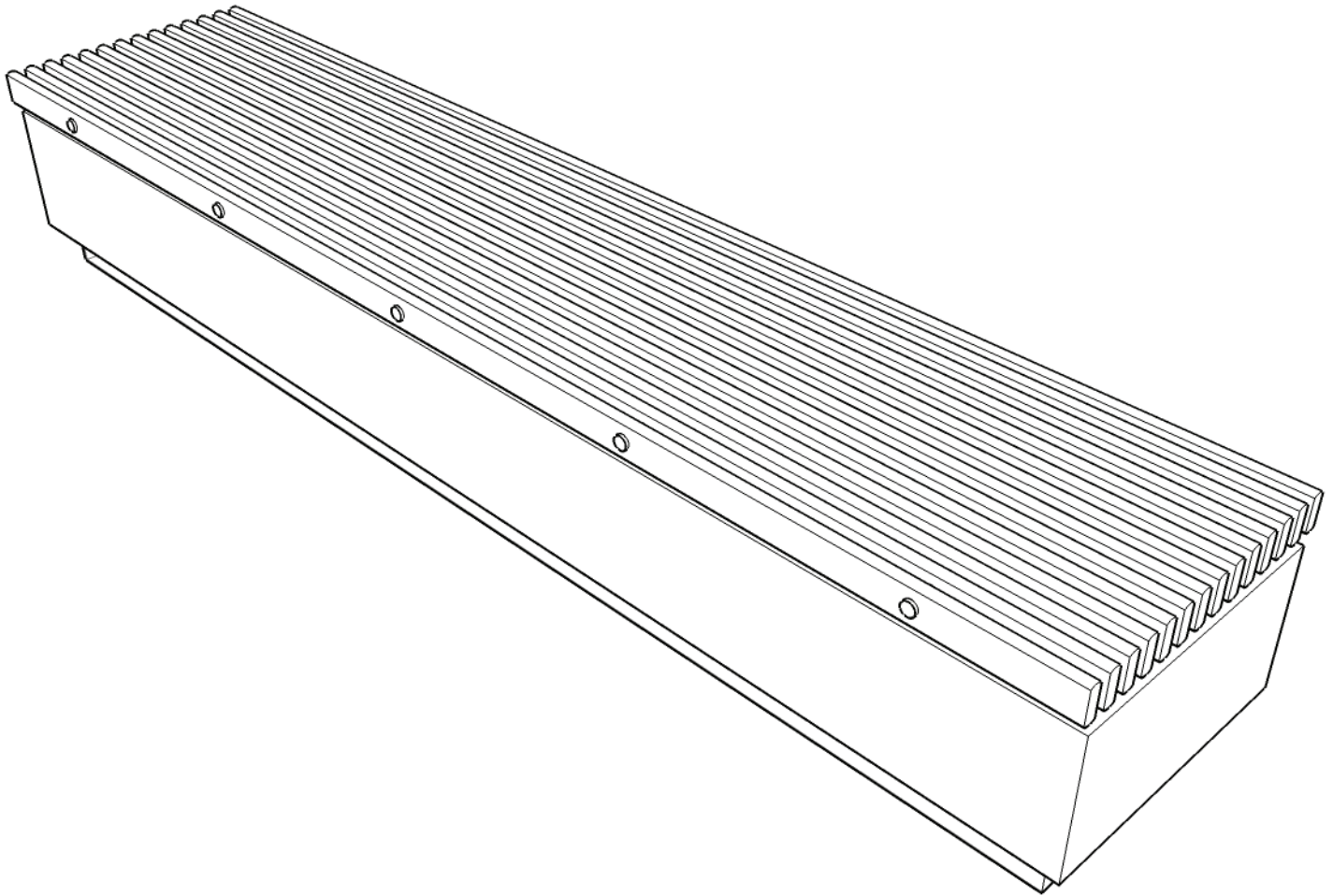




**Factoryfurniture**

## SOCA bench

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# Operation & Maintenance Manual

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# 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 3000mm | width 635mm | height 450mm\*

*Imperial* length 9' 10" | width 2' 1" | height 1' 5½"

\* Not including +50mm below ground level for sub-surface fix option

**Approx Weight** 1502kg

**Fixing Centres** N/A

# Detailed Material & Finish Specifications

## Bench Slats

- Manufactured from FSC® certified tropical hardwood (*other FSC timber options available upon request*)
- Profiled and left untreated as standard (*oil or microporous woodstain treatment available on request*)
- Spacers and end caps in stainless steel concealing 5 no. zinc-coated mild steel threaded tie rods per bench top
- Supported on 6 no. stainless steel brackets (welded to spacers) anchored to granite base with 2 no. fixing points each



## Base

- Manufactured from exposed aggregate concrete (grey granite, dark grey granite, white granite and limestone effects available). *Solid granite available on request.* Surface is smoothed and sealed to make it water repellent
- Option available for a 50mm deep sub-surface fix

# General Maintenance *(Recommended Schedule & Guidelines)*

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

Visual checks of bench top and base - 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.

## Concrete / Granite

Clean with a stiff brush once per year, especially in more exposed locations, in order to prevent a verdigris type build up on the surface. Ideally, this should be completed in early spring.

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# 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.

## **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**

P1021 / 01

1 no. Soca bench top unit (complete assembled unit - not including base)

## **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

FF1021 / 01	SOCA BENCH	BENCH FABRICATION DRAWINGS
FF1021 / 02	SOCA BENCH	PARTS DETAIL DRAWINGS
FF1021 / 03	SOCA BENCH	SETTING OUT DRAWING

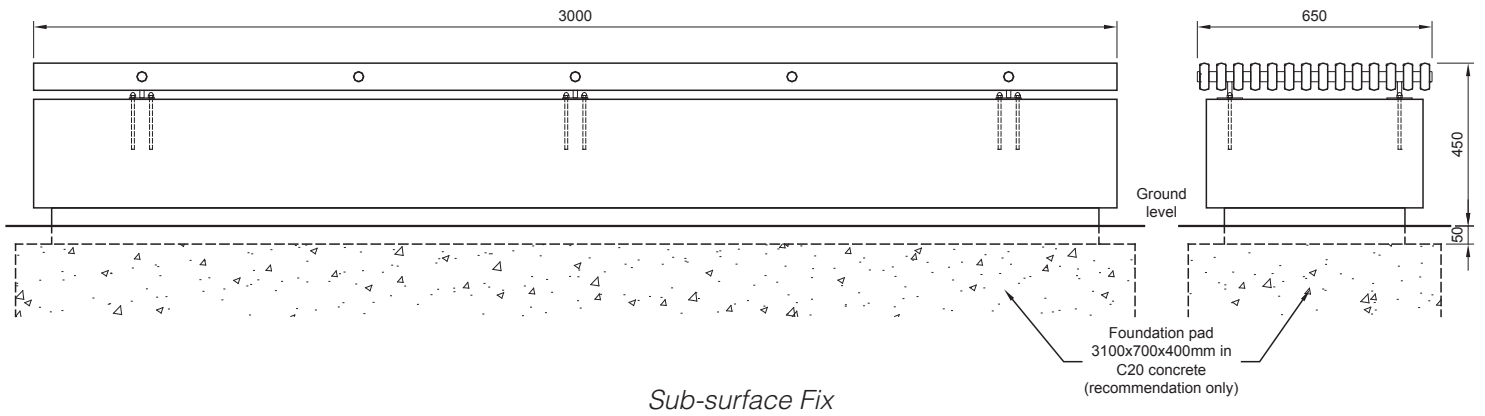
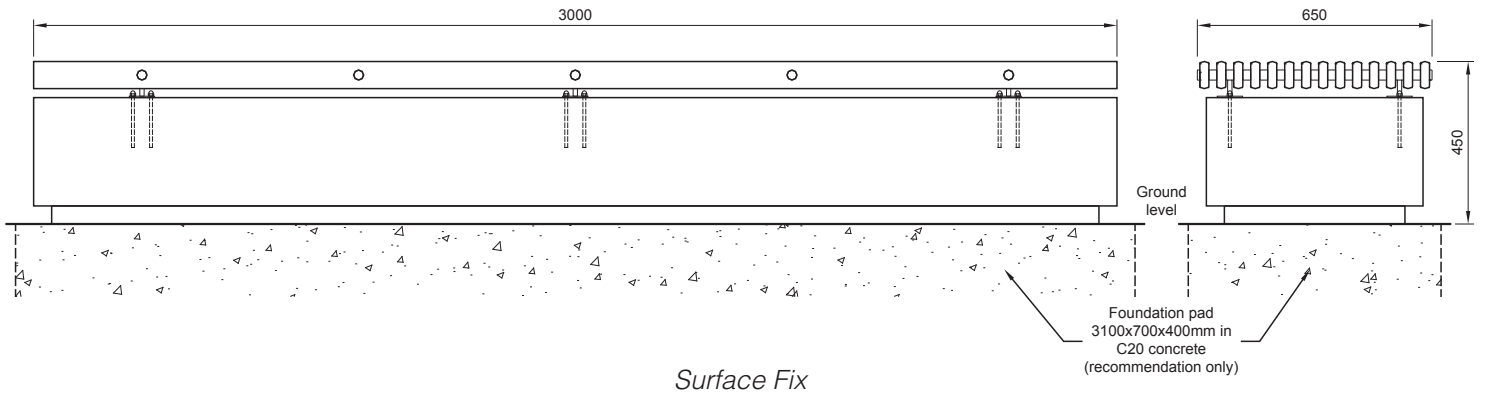
# Contacts

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# Installation Instructions

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



## Soca Bench (surface & sub-surface fix)

1. Install suitable foundation pad (see illustration) top face at ground level or 50mm below finished ground level for sub-surface fix
2. Position bench base centrally onto foundation pad
3. Position bench top assembly in correct orientation centrally on bench base, then mark hole positions through base plates of 6 no. mounting brackets.
4. Remove the bench top assembly; drill holes  $\text{\O}12\text{mm} \times 150\text{mm}$  deep
5. Clear debris from holes.
6. 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.
7. Using a torque wrench, tighten nuts and washers over base plates to 30Nm to fasten down the bench. Ensure bench remains level during fixing process.
8. Check level & re-instate ground level if necessary (sub-surface fix).

## IMPORTANT NOTE:

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

