

FACTORY FURNITURE



BOOM Bench (1-3)

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 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.

Timber

All timber used in Factory Furniture products is FSC® certified



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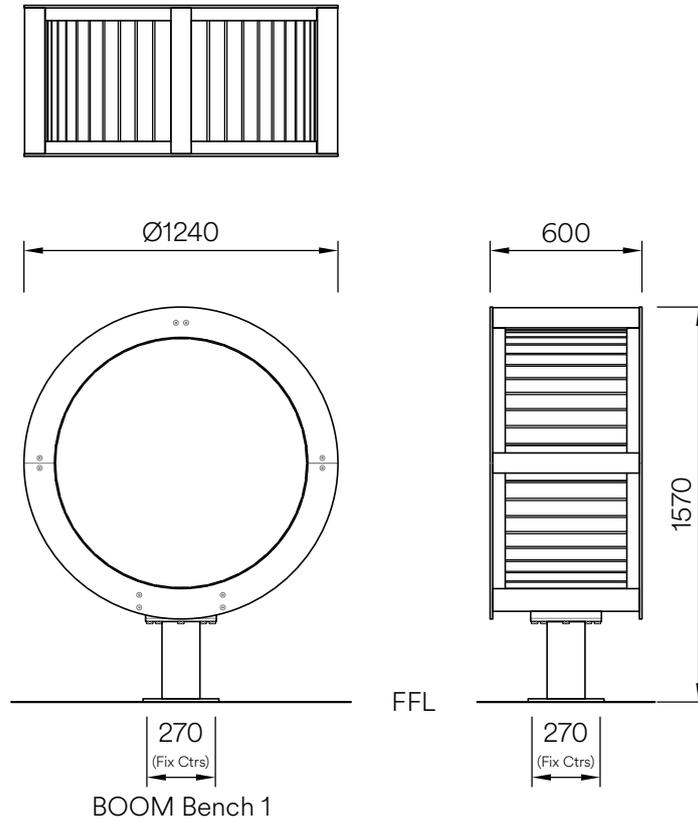
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Composition

Slats - FSC® certified hardwood

Frame - Mild steel

Finishes

Timber - Untreated sanded finish as standard

Mild steel - Hot-dip galvanised (polyester powder-coat option available* (colour as per client's specification))

Dimensions

Metric length 1240mm | width 600mm | height 1570mm

Imperial length 4' 1" | width 1' 11½" | height 5' 2"

Approx weight

241kg

Fixing centres & method

Ø270mm (10½") - 6 no. M12 bolts into sub-surface anchor assembly

Foundation

1 no. pad 600 x 600 x 550 mm in C20 concrete (recommendation only)

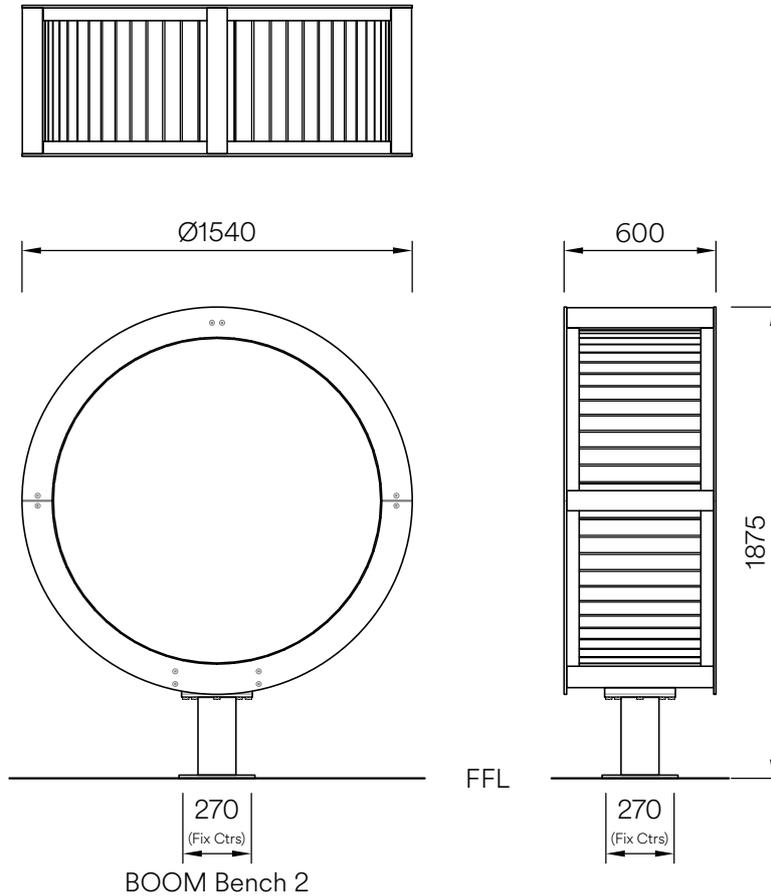
Handling

Please observe health & safety lifting guidelines. A forklift or crane will be required for off-loading and positioning of this product

Maintenance

Depends on usage and position. All elements will require cleaning annually. Galvanised and powder coated mild steel only require maintenance if damaged.

*Please note that when a powdercoat is applied over a hot dip galvanised surface pinholing can occur in the surface finish this is not considered a defect



Composition

Slats - FSC® certified hardwood
 Frame - Mild steel

Finishes

Timber - Untreated sanded finish as standard
 Mild steel - Hot-dip galvanised (polyester powder-coat option available* (colour as per client's specification))

Dimensions

Metric length 1540mm | width 600mm | height 1875mm
 Imperial length 5' ½" | width 1' 11½" | height 6' 2"

Approx weight

285kg

Fixing centres & method

Ø270mm (10½") - 6 no. M12 bolts into sub-surface anchor assembly

Foundation

1 no. pad 600 x 600 x 550 mm in C20 concrete (recommendation only)

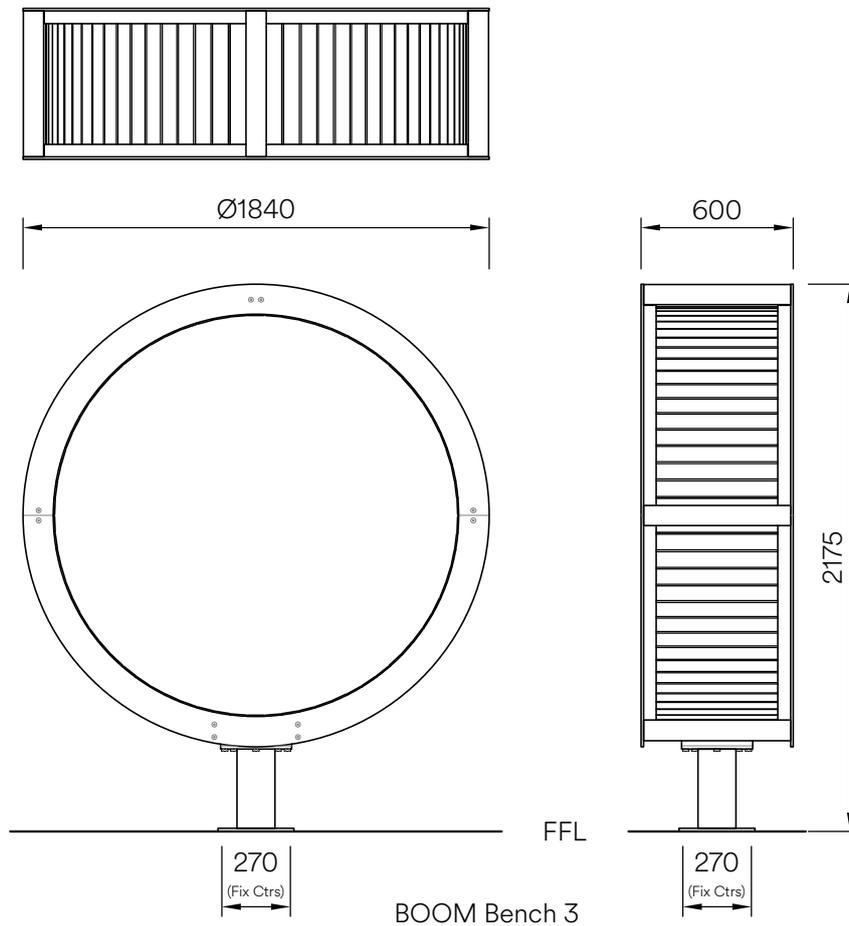
Handling

Please observe health & safety lifting guidelines. A forklift / crane will be required for off-loading & positioning of product

Maintenance

Depends on usage and position. All elements will require cleaning annually. Galvanised and powder coated mild steel only require maintenance if damaged.

*Please note that when a powdercoat is applied over a hot dip galvanised surface pinholing can occur in the surface finish this is not considered a defect



Composition

Slats - FSC® certified hardwood

Frame - Mild steel

Finishes

Timber - Untreated sanded finish as standard

Mild steel - Hot-dip galvanised (polyester powder-coat option available* (colour as per client's specification))

Dimensions

Metric length 1840mm | width 600mm | height 2175mm

Imperial length 6' 1/2" | width 1' 11 1/2" | height 7' 1 1/2"

Approx weight

329kg

Fixing centres & method

Ø270mm (10 1/2") - 6 no. M12 bolts into sub-surface anchor assembly

Foundation

1 no. pad 600 x 600 x 550 mm in C20 concrete (recommendation only)

Handling

Please observe health & safety lifting guidelines. A forklift / crane will be required for off-loading & positioning of product

Maintenance

Depends on usage and position. All elements will require cleaning annually. Galvanised and powder coated mild steel only require maintenance if damaged.

*Please note that when a powdercoat is applied over a hot dip galvanised surface pinholing can occur in the surface finish this is not considered a defect.

Detailed Material & Finish Specifications

Timber Slats

- Timber slats are manufactured from FSC® certified hardwood.
- Profiled with an untreated sanded finish as standard.
- Slats screwed to upper and lower body sections.

Frame

- Bench comprises of upper and lower body sections, horizontal struts, base mount assembly and leg assembly (assemblies all bolted together).
- Fixed bench option: Leg is bolted directly to base mount assembly.
- Rotating bench option: Slewing bearing bolted between leg and base mount assemblies to allow 360° rotation of bench.
- Sections are manufactured from mild steel (all welded construction).
- Mild steel frame elements are hot-dip galvanised (polyester powder coated option available (colour as per customer specification)).
- Bench is bolted (via leg base plate) to a sub-surface hot dip galvanised mild steel anchor using 6 no. bolts.

General Maintenance (Recommended Schedule & Guidelines)

Daily/Weekly/Monthly (or as adopted)

Visual checks of bench slats and frame - 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 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 & 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.

Polyester Powder Coated & Galvanised Surfaces

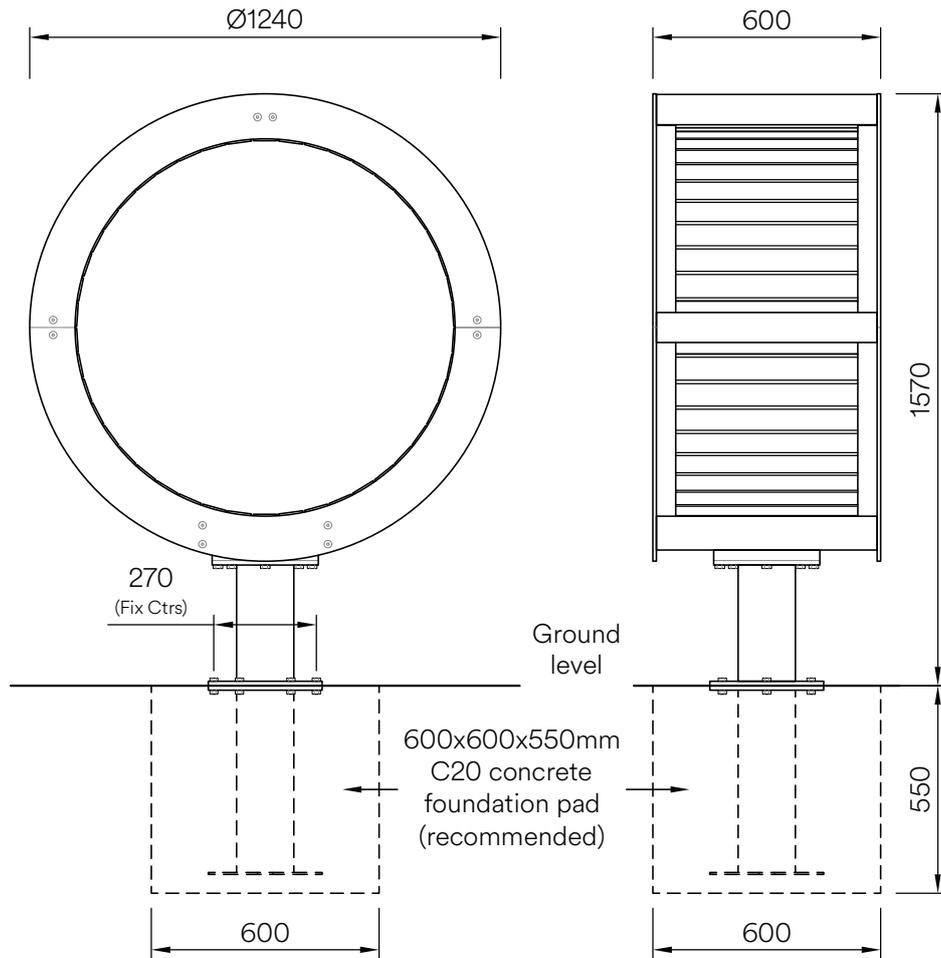
For light damage (scratches, chips etc.) repair using touch-up paint to match original colour (available from Factory Furniture Ltd). Paint application should be carried out in accordance with approved methods detailed by the paint manufacturer. Please note that it is advisable to use professional painters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

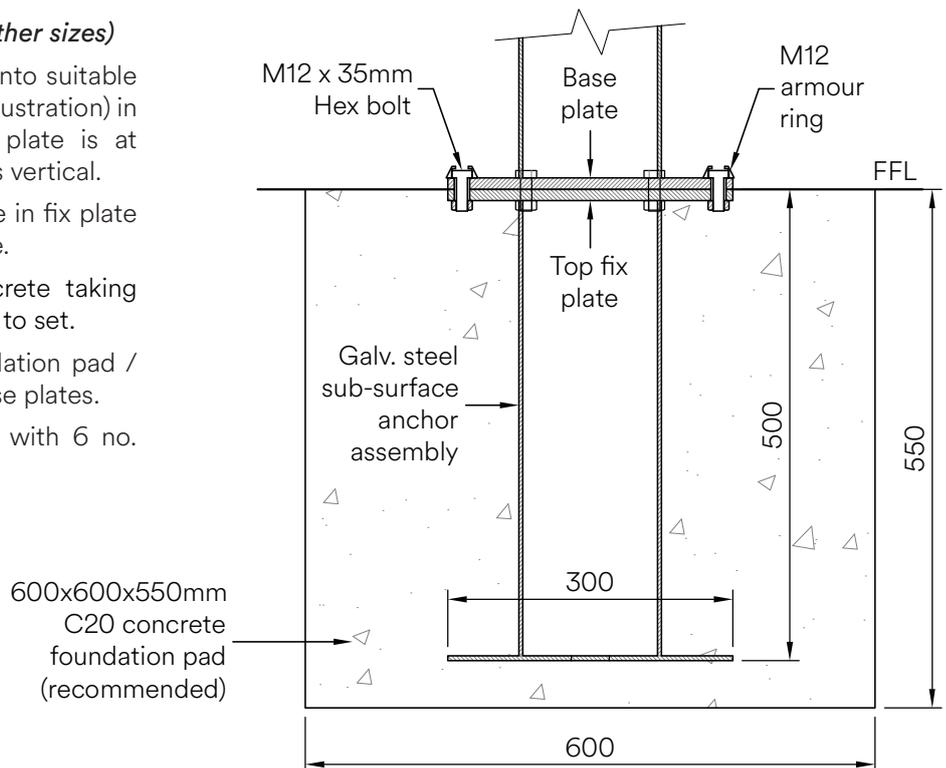
ALL INSTALLATION WORKS TO BE CARRIED OUT BY COMPETENT PERSONNEL - INSTALL AS COMPLETE UNIT



Boom Bench

(Showing $\text{Ø}1.24\text{m}$ option but same for other sizes)

1. Place sub-surface anchor centrally into suitable $600 \times 600 \times 550$ mm excavation (see illustration) in desired location. Ensure top fix plate is at finished floor level and that anchor is vertical.
2. Make sure dummy bolts are in place in fix plate so that fixings don't fill with concrete.
3. Backfill excavation with C20 concrete taking care not to disturb anchor and leave to set.
4. Position bench centrally onto foundation pad / fix plate, aligning holes of fix and base plates.
5. Check level and bolt down bench with 6 no. bolts provided.



NBS Specification Data

PRODUCT REFERENCE – FF1058 – BOOM BENCH (B1-3)

Description Bench with mild steel frame and timber slats
Uniclass 2015 Category Pr_40_30_29_84 Street and site benches
Design As per drawing: FF1058

MANUFACTURER

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MATERIAL

Slats FSC® certified hardwood
Frame Mild steel

FINISH

Timber Untreated sanded finish as standard
Mild Steel Galvanised (optional powder coat available)

SIZE

FF1058-B1 1240mm x 600mm x 1570mm (LxWxH)
FF1058-B2 1540mm x 600mm x 1875mm (LxWxH)
FF1058-B3 1840mm x 600mm x 2175mm (LxWxH)

FIXING

6 no. bolts into sub-surface anchor