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Factory Furniture

Factory Furniture specializes in the design and production of contemporary landscape furniture. The distinctive form of Factory Furniture's product range provides a suite of street furniture for diverse situations and public space applications.

All products are designed and manufactured in house by our own design and manufacturing team. With over 20 years' experience producing exterior furniture and structures for many organisations, practices and private clients Factory Furniture can ensure consistent high quality and rigorous attention to detail using the highest quality and most environmentally sound materials.

FSC certified timber products are supplied with our own chain of custody certificate and sold subject to FSC guidelines

Site specific

Factory Furniture utilise their innovative design flair and experience to produce site-specific designs to contribute to the clarity and identity of each project.

Clients have included Virgin Atlantic, Brown and Root, the BBC, the Earth Centre, Royal Bank of Scotland as well as many public authorities. Collaborative ventures with many disciplines are also undertaken, some of the results are illustrated in the site-specific section.

Recent projects

Seating has been provided for a range of high profile locations, including the Glasgow Harbour Project, Met Office, the ExCeL exhibition centre, Euroairport in Mulhouse, Pfizer, Spinningfields in Manchester Herbert Art Gallery in Coventry, the Portsmouth Millennium Development, and Manchester City Park. Other clients have included Sainsbury's, Tesco, Virgin Atlantic, Asda and Astra Zeneca, as well as many of local authorities.

Technical support

Factory Furniture offer a bespoke design and manufacture service with its in house design and manufacturing facilities.

Environment

TIMBER PURCHASING POLICY

All tropical Hardwoods bought for Factory Furniture come from FSC certified forests and are covered by a valid chain of custody certificate.

FSC
CU-COC-806405

Factory Furniture's tropical hardwoods have been sourced from FSC stocks since 1998. In 2003, the company became an FSC certified supplier with FSC Supplier No: CU-COC-806405. Products carrying the FSC label are independently certified to assure consumers that they come from forests that are managed to meet the social, economic and ecological needs of present and future generations. FSC certification ensures that the forest or origin has been independently inspected and evaluated according to strict environmental, social and economic principles and criteria as agreed by the Forest Stewardship Council A.C'.

Forest management can be environmentally appropriate and socially beneficial, but it can also be environmentally and socially damaging. This policy recognises the responsibility of Factory Furniture as a consumer of forest products to ensure that we have a neutral or positive effect on the worlds' forests.

For further information http://www.fsc.org
FSC Supplier No: CU-COC-806405

WASTE MANAGEMENT

Factory Furniture recognises the importance of managing and minimizing waste.

This ethos begins with the ordering process, by ordering sizes with a minimum of waste followed through to the workshop by carefully selecting the most appropriate pieces for the product.

All solid wood waste produced by Factory Furniture is sold locally to provide carbon neutral solid fuel for domestic use. Particle or dust waste is formed into biomass briquettes for use as heating fuel. Compostable materials are recycled at local green waste facilities.

Factory furniture uses a minimum of plastic based packaging preferring to use cardboard made from 100% post consumer waste. Metal waste is a precious resource, which is also recycled locally.

Factory furniture

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FF1000 **Concrete Bloc**

Concrete bloc is a heavy duty bench in exposed aggregate concrete bench seat available in 4 different finishes of grey granite, dark grey granite, white granite and limestone effect.

FEATURE SITES

Lower Coombe Street Croydon.

SPECIFICATIONS

Composition

Seat material - Acid etched concrete (Grey granite, dark grey granite, white granite and limestone effects available)

Internal reinforcement - Mild steel 'rebar' rods

Finish

Waterproofed and anti graffiti treatment

Dimensions

Metric length 2000mm | width 500mm | height 450mm*

Imperial length 6'6½" | width 1'7½" | height 1'5½"

** Not including +100mm below ground level for sub-surface fix option*

Approx weight

360kg

Fixing centres & method

1900mm (6'3") - Root fixed 100mm below ground level (optional)

Foundation

2 no. pads 300 x 300 x 700 mm in C20 concrete (recommendation only)

Maintenance

Depends on usage and position. All elements will require cleaning annually

FF1001 **Steel Bloc**

Bloc's robust all welded construction is designed for the most extreme environments including skate parks. The Steel bench seat is formed from 8mm polished stainless steel or galvanized steel and may be colour coated to suit schemes.

SPECIFICATIONS

Composition

Stainless steel or mild steel

Finish

Polished stainless steel, hot dipped galvanised or polyester powder-coated mild steel

Dimensions

Metric	length 1950mm	width 430mm	height 460mm*
Imperial	length 6'5"	width 1'5"	height 1'6"

** Not including +100mm below ground level for sub-surface fix option*

Approx weight

106kg

Fixing centres & method

1890mm (6'2½") x 300mm (12")
4 no. sleeve anchors into fixing lugs (surface & sub-surface fix options available)

Foundation

2 no. pads 400 x 400 x 400 mm in C20 concrete (recommendation only)

Maintenance

All elements will require cleaning annually. Stainless steel will require no further maintainance. Galvanised/polyester powder-coated steel will require maintenance only if damaged

FF1002 **Wood Bloc**

Wood bloc is a very heavy-duty wooden street bench in generously proportioned FSC certified timber suspended above the surface level on a stainless steel frame to prevent ground level rot and enable part replacement.

FEATURE SITES

All stars Bowling lanes, RBS Bankside, Birmingham Firearms Facility, Petchy academy.

SPECIFICATIONS

Composition

Seat material - FSC certified tropical hardwood

Frame - Stainless steel

Finish

Natural finish as standard. (Oil or microporous woodstain available on request). Satin polished stainless steel

Dimensions

Metric	length 1950mm	width 430mm	height 459mm*
Imperial	length 6'5"	width 1'5"	height 1'6"

** Not including +100mm below ground level for sub-surface fix option*

Approx weight

83kg

Fixing centres & method

1770mm (5'9½") x 260mm (10") - 4 sleeve anchors into fixing lugs (surface & sub-surface fix options available)

Foundation

2 no. pads 400 x 400 x 400 mm in C20 concrete (recommendation only)

Maintenance

Depends on usage and position. All elements should be cleaned annually and wood should be treated every other year if coated.

FF1003 **Foil**

Wood Floor Standing | Steel Floor Standing | Wood Wall Mounted

Foil is a striking and dynamic design with a free-draining seat made from FSC timber or stainless steel with cast aluminium details supported on finely sculpted cast aluminium bases or brackets if wall Mounted.

FEATURE SITES

ExCel exhibition Centre, Euroairport Mulhouse, Merck Sharpe Dohme, Rabo Bank London, The Deep Aquarium Hull. County Mall Crawley, British Embassy Portugal. Bromley college

SPECIFICATIONS

Composition

Seat material - FSC tropical hardwood or Stainless steel

Feet & end caps - Aluminium

Mounting arms & end caps - Aluminium

Finish

Wood and Steel Floor Standing

Waterproofed and anti graf ti treatment. Polished stainless steel/ polyester powder-coated aluminium

Wood Wall Mounted

Natural finish as standard. (Oil or microporous woodstain available on request). Aluminium polyester powder-coated

Approx weight

Wood Floor Standing 48kg (53kg including anchors)

Wood Wall Mounted 47kg

Steel Floor Standing 41kg (46kg inc. anchors)

Fixing centres & method

Wood and Steel Floor Standing

Surface fix - 1265mm (4' 2") x 190mm (7½")

Sub-surface fix - 1265mm (4' 2") x 270mm (10½")

4 resin fixed anchors - 2 per base

Wood Wall Mounted

1265mm (4' 2"). Holes on base - 75mm(3") x 140mm (5½")

6 resin fixed threaded rod anchors (3 per mounting arms)

Foundation

2 no. pads 400 x 400 x 400 mm in C20 concrete (recommendation only)

Maintenance

Depends on usage and position. All elements will require cleaning annually. Wooden elements should be treated every other year if coated. Polyester powder-coated aluminium will require maintenance only if damaged. Stainless steel requires no maintenance.

FF1004 **Louvre**

Louvre is a comfortable street bench based on a simple convex curve. The segmented section provides a strong yet light architectural construction with a free draining seat and a minimum surface area for tagging.

FEATURE SITES

Eden Project, Parc Trostre retail Park, Parc Llandudno retail Park, Science and Industry Museum Manchester, London University, Tesco

SPECIFICATIONS

Composition

Seat material - FSC certified tropical hardwood / non-FSC oak & aluminium spacers

Base - Stainless steel

Finish

Natural finish as standard. (Oil or microporous woodstain available on request). Satin polished stainless steel

Dimensions

Metric length 2100mm | width 390mm | height 450mm*

Imperial length 6' 10½" | width 1' 3½" | height 1' 5½"

** Not including +100mm below ground level for sub-surface fix option*

Approx weight

39kg

Fixing centres & method

1270mm (4' 2") x 150mm (6")

8 no. sleeve anchors - 4 no. per base plate (surface & sub-surface fix options available)

Foundation

2 no. pads 400 x 400 x 400 mm in C20 concrete (recommendation only)

Maintenance

Depends on usage and position. All elements will require cleaning annually. Wooden elements should be treated every other year if coated. Stainless and aluminium elements require no further maintenance

FF1005 **Mantis**

Mantis is a finely detailed, sculptural yet robust street seat. The innovative form of the cast aluminium ends add presence to the streetscape.

FEATURE SITES

De Montford University, Rugby Town Centre, Fulbright Jaworski International, Swangate Retail Mall, 500 West Putnam Avenue, Greenwich USA

SPECIFICATIONS

Composition

Seat material - FSC certified tropical hardwood

Frame - Aluminium

Finish

Natural finish as standard. (Oil or microporous woodstain available on request). Aluminium is polyester powder-coated

Dimensions

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

** 1745mm (5' 8½") version available on request*

Approx weight

74kg

Fixing centres & method

2105mm (6' 11") x 575mm (1' 10½")

5 resin fixed anchors into base lugs (2 per side & 1 central)

Foundation

2 no. pads 900 x 300 x 200 mm in C20 concrete (recommendation only)

Maintenance

Depends on usage and position. All elements will require cleaning annually. Wooden elements should be treated every other year if coated. Polyester powder-coated aluminium will require maintenance only if damaged.

FF1006 **Scroll**

Scroll's ribbed construction and rolled edges provide robust street bench seating for all environments – the distinguished design lends itself to both historically sensitive and contemporary situations .

FEATURE SITES

Warwick Town Centre, Newbury Town Centre, Richmond Town Centre, Oracle Shopping Mall, Virgin Atlantic, Cardif Bay, Woodstock Town Centre, Neath Town Centre, Ashton under Lyme, Gregory The Great School.

SPECIFICATIONS

Composition

Seat material - FSC certified tropical hardwood or non-FSC oak

Bases - Satin polished stainless steel

(polyester powder-coated option available)

Finish

Natural finish as standard. (Oil or microporous woodstain available on request).

Dimensions

Metric length 2120mm | width 415mm | height 450mm*

Imperial length 6'11½" | width 1'4½" | height 1'5½"

** Not including +100mm below ground level for sub-surface fix option*

Approx weight

44kg

Fixing centres & method

1320mm (4'4") x 140mm (5½")

2 resin fixed anchors per base. Sub-surface option available

Foundation

2 no. pads 400 x 400 x 400 mm in C20 concrete (recommendation only)

Maintenance

Depends on usage and position. All elements will require cleaning annually. Wooden elements should be treated every other year if coated. Stainless steel requires no maintenance.

FF1006 **Scroll with Back**

FEATURE SITES

Warwick Town Centre, Newbury Town Centre, Richmond Town Centre, Oracle Shopping Mall, Virgin Atlantic, Cardif Bay, Woodstock Town Centre, Neath Town Centre, Ashton under Lyme , Gregory The Great School.

SPECIFICATIONS

Composition

Seat material - FSC certified tropical hardwood or non-FSC oak

Arms/bases - Satin polished stainless steel

(polyester powder- coated option available)

Finish - see Scroll

Dimensions

Metric length 2120mm | width 475mm | height 706mm*

Imperial length 6'11½" | width 1'6½" | height 1'4"

** Not including +100mm below ground level for sub-surface fix option*

Approx weight

63kg

Fixing centres & method - see Scroll

Foundation - see Scroll

FF1018 **Curved Scroll**

FEATURE SITES

Brown and Root Leatherhead, Tunbridge Wells Town Centre, Resiform Estate Neasden

SPECIFICATIONS

Composition

Seat material - FSC certified tropical hardwood or non-FSC oak

Bases - Satin polished stainless steel (polyester powder-coated option available)

Finish

Natural finish as standard.
(Oil or microporous woodstain available on request).

Dimensions

Metric length 2100mm | width 540mm | height 450mm*

Imperial length 6'10" | width 1'9½" | height 1'5½"

** Not including +100mm below ground level for sub-surface fix option*

Approx weight

43kg

Fixing centres & method

1250mm (4'1½") x 140mm (5½")
2 no. resin fixed anchors per base
(surface & sub-surface fix options available)

Foundation

2 no. pads 400 x 400 x 400 mm in C20 concrete
(recommendation only)

Maintenance

Depends on usage and position. All elements will require annual cleaning. Wooden elements should be treated every other year if coated. Stainless steel requires no maintenance

FF1019 **Double Scroll**

FEATURE SITES

Oracle center Reading, The Mall Southampton.

SPECIFICATIONS

Composition

Seat material - FSC certified tropical hardwood or non-FSC oak

Bases - mild steel

Finish

Natural finish as standard. (Oil or microporous woodstain available on request). Polyester powder coated mild steel .

Dimensions

Metric length 2130mm | width 965mm | height 450mm

Imperial length 7'0" | width 3'2" | height 1'5½"

Approx weight

103kg

Fixing centres & method

1265mm (4'2") x 745mm (2'5½")
4 no. sleeve anchors (one into each leg's fixing lug)

Foundation

4 no. pads 400 x 400 x 400 mm in C20 concrete
(recommendation only)

Maintenance

Polyester powder-coated mild steel will require maintenance only if damaged.

FF1007 **Serpentine**

The Serpentine bench is designed for use in any public space. The undulating seat slats provide a free draining and comfortable yet exceptionally strong street bench intended for the most extreme environments. The natural form of the seat deters skater damage and supplies a minimum surface area for tagging.

FEATURE SITES

Glasgow harbour project, Met of ce Exeter, Al Shaquab Quatar, Portsmouth Millennium Development, Astra Zeneca, Jersey Promenades, Great yarmouth sea front, New York Public School No. 40 USA.

SPECIFICATIONS

Composition

Seat material - FSC certified tropical hardwood or non-FSC oak (other woods available on request) & aluminium spacers

Base options - Satin polished stainless steel (tubular) or Bush hammered grey/white granite (cylindrical/ elliptical)

Finish

Natural finish as standard. (Oil or microporous woodstain available on request)

Dimensions

Metric length 2300mm | width 460mm | height 480mm*

Imperial length 7'6½" | width 1'6" | height 1'7"

** Not including +100mm below ground level for sub-surface fix option*

Approx weight

63kg (tube) |139kg (oval) |137kg (circle)

Fixing centres & method

1200mm (3'11") x 140mm (5½") - Tubular bases fixed with 2 resin fixed anchors per base (sub-surface option available). Elliptical/cylindrical bases fixed with a concealed resin fixed anchor (1 per base)

Foundation

2 no. pads 400 x 400 x 400 mm in C20 concrete (recommendation only)

Maintenance

Depends on usage/position. All elements will require annual cleaning. Wood should be treated every other year if coated. Stainless steel & granite require no further maintenance

FF1008 **Serpentine - Granite**

Bench | Stool

The serpentine in granite offers the ultimate material for public furniture. The undulating from deters skater abuse and the heavy granite bench also ensures the seat's suitability as an attractive vehicle deterrent. Worked from one solid block of granite with a bush hammered finish the seat is designed to last more than a lifetime.

SPECIFICATIONS

Composition

Seat material - Silver/grey granite

Finish

Bush hammered

Dimensions

Bench

Metric length 1800mm | width 500mm | height 450mm

Imperial length 5'11" | width 1'7½" | height 1'5½"

Stool

Metric length 600mm | width 500mm | height 450mm*

Imperial length 5'11" | width 1'7½" | height 1'5½"

** Not including +100mm below ground level for sub-surface fix option*

Approx weight

Bench 1020kg

Stool 340kg (417kg sub-surface option)

Fixing centres & method

Bench N/A

Stool Root fixed 100mm below surface level (Optional)

Foundation

Suitable to sustain weight of granite

Maintenance

Depends on usage and position.

All elements will require cleaning annually

FF1009 **Sevene**

Sevene displays a purity of line and a lightness not normally seen in landscape furniture. The combination of 10mm thick stainless steel with wooden slats defines the seating zones and provides a free draining surface to sit on. The uncompromising structure provides the strength required for public seating.

SPECIFICATIONS

Composition

Seat slats - FSC certified tropical hardwood or non-FSC oak

Frame - Stainless steel

Finish

Natural finish as standard. (Oil or microporous woodstain available on request). Satin polished stainless steel

Dimensions

Metric	length 1900mm	width 400mm	height 450mm*
Imperial	length 6'10½"	width 1'3½"	height 1'5½"

** Not including +100mm below ground level for sub-surface fix option*

Approx weight

109kg

Fixing centres & method

1230mm (4'½") x 200mm (8") - Sub-surface fixed with 4 no. sleeve anchors (two per base plate)

Foundation

2 no. pads 400 x 400 x 400 mm in C20 concrete (recommendation only)

Maintenance

Depends on usage and position. All elements will require annual cleaning. Wooden elements should be treated every other year if coated. Stainless steel requires no maintenance

FF1010 **Sinu**

The range of Sinu bench seats provides a modular system of unit sizes and radii which can be combined to produce innovative street shapes. Made from FSC certified hardwood and stainless steel the 60cm wide seat provides generous seating width and the simple base design allows the free form of the bench to float above ground level. In common with most products this seat can be surface or below surface fixed.

FEATURE SITES

Lille town centre, Bournemouth Town Centre.

SPECIFICATIONS

N.B. Sinu 72°, 90° & link modules can be connected together using special fixing brackets to create larger bench areas

Composition

Seat slats - FSC certified tropical hardwood

Base - Stainless steel

Finish

Timber - Natural finish as standard. (Oil or microporous woodstain available on request). Stainless steel - satin polished finish (powder coated option available)

Dimensions

90 degree section

Metric	length 1650mm	width 1650mm	height 450mm*
Imperial	length 5'5"	width 5'5"	height 1'5½"

72 degree section

Metric	length 1325mm	width 1570mm	height 450mm*
Imperial	length 4'4"	width 5'2"	height 1'5½"

Straight section - link module

Metric	length 1050mm	width 500mm	height 450mm*
Imperial	length 3'5½"	width 1'7½"	height 1'5½"

** Not including sub-surface anchor 250mm (W) x 300mm (H)*

Approx weight

90 degree section 63kg

72 degree section 49kg (57kg inc. anchors)

Straight section - link module 31kg (36kg inc. anchors)

Fixing centres & method

See full AutoCAD drawing (available on request).

Foundation

90 degree section

4 no. pads 400 x 400 x 400 mm in C20 concrete (recommendation only)

72 degree section

3 no. pads 400 x 400 x 400 mm in C20 concrete (recommendation only)

Straight section - link module

2 no. pads 400 x 400 x 400 mm in C20 concrete (recommendation only)

Maintenance

Depends on usage/position. All elements will require cleaning annually. Wooden elements should be treated every other year if coated. Stainless steel requires no maintenance.

90 degree section

72 degree section

Straight section - link module

FF1011 **Skop**

Skop is an architectural design in stainless steel and FSC timber with sculpted wooden slats. Intended for the heaviest town centre use the design can also incorporate arms if required.

FEATURE SITES

RBS Bankside, Antwerp Rail Station, Pfizer HQ, Paddington Walk London, University of East London, Santander Bank Portugal, Westfield Centre Derby, Silverburn Shopping Centre.

SPECIFICATIONS

Composition

Seat slats - FSC certified tropical hardwood or non-FSC oak

Frame - Stainless steel

Finish

Natural finish as standard. (Oil or microporous woodstain available on request). Stainless steel - satin polished finish (polyester powder-coated option available)

Dimensions

Metric	length 2500mm	width 620mm	height 450mm
Imperial	length 8'2½"	width 2'½"	height 1'5½"

** Not including +100mm below ground level for sub-surface fix option*

Approx weight

72kg

Fixing centres & method

2420mm (7'11½") x 420mm (1'4½") 4 resin fixed anchors (2 per leg)

Foundation

2 no. pads 700 x 400 x 200 mm in C20 concrete (recommendation only)

Maintenance

Depends on usage and position. All elements will require cleaning annually. Wooden elements should be treated every other year if coated. Stainless steel requires no maintenance.

FF1014 **Util**

The visual lightness of Util betrays its strength. Made from heavy gauge stainless steel in an all welded construction with wooden FSC timber slats which are easily replaced should damage occur.

FEATURE SITES

Asnières Municipal Garden - Paris , Dunfermline Southern Gateway, Royal bank of Scotland Gogarburn, Cheltenham ladies college.

SPECIFICATIONS

Composition

Seat slats - FSC certified tropical hardwood

Frame - Stainless steel

Finish

Natural finish as standard. (Oil or microporous woodstain available on request). Satin polished stainless steel

Dimensions

Metric length 1800mm | width 470mm | height 450mm*

Imperial length 5'11" | width 1'6½" | height 1'5½"

Approx weight

29kg (bench) | 11kg (stool) | 51kg (Util with back) | 27kg (chait)

Fixing centres & method

1770mm (5'9½") x 380mm (1'3")

4 no. sleeve anchors into fixing lugs (one per leg)

Foundation

2 no. pads 700 x 200 x 200 mm in C20 concrete (recommendation only)

Maintenance

Depends on usage and position. All elements will require annual cleaning. Wooden elements should be treated every other year if coated. Stainless steel requires no maintenance

Util chair

Util with back

Util stool

Util bench

FF1017 **Chronos**

The range of Chronos bench seats provides a modular system of unit sizes and radii which can be combined to produce innovative street shapes. The 51cm wide seat provides generous seating width and the simple base design allows surface or below surface fixing.

FEATURE SITES

St Mary School London W1, Silverburn Retail Mall.

SPECIFICATIONS

Composition

Seat slats - FSC certified tropical hardwood or non-FSC oak

Frame/base - Stainless steel

Finish

Natural finish as standard. (Oil or microporous woodstain available on request). Satin polished stainless steel

Dimensions

90 degree section

Metric	length 1400mm	width 1400mm	height 450mm*
Imperial	length 4'7"	width 4'7"	height 1'5½"

69 degree section

Metric	length 1080mm	width 1305mm	height 450mm*
Imperial	length 3'6½"	width 4'3½"	height 1'5½"

Straight section

Metric	length 1100mm	width 510mm	height 450mm*
Imperial	length 3'7½"	width 1'8"	height 1'5½"

* Not including +100mm below ground level for sub-surface fix option

Approx weight

90 degree section 55kg

69 degree section 45kg

Straight section 39kg

Fixing centres & method

2 no. resin fixed anchors per base plate (surface & sub-surface fix options available)

Foundation

2 no. pads 400 x 400 x 400 mm in C20 concrete (recommendation only)

Maintenance

Depends on usage and position. All elements will require annual cleaning. Wooden elements should be treated every other year if coated. Stainless steel requires no maintenance

90 degree section

69 degree section

Straight section - link module

FF1021 **Soca**

The architectural Soca bench offers a space defining, free draining and comfortable bench seating all year round. The heavy concrete bench also ensures the seats suitability as an attractive vehicle deterrent. Like all of our products a bespoke service is offered for almost any configuration.

FEATURE SITES

Leatherhead Leisure Centre, Brighton Language School.

SPECIFICATIONS

Composition

Bench slats - FSC certified tropical hardwood and satin polished stainless steel spacers

Bench fixing brackets - Satin polished stainless steel

Base - Acid etched concrete (Grey granite, dark grey granite, white granite and limestone effects available)

Finish

Seat slats - Natural finish as standard. (Oil or microporous woodstain available on request).

Concrete - Waterproofed and anti-graffiti treatment

Dimensions

Metric length 3000mm | width 650mm | height 450mm*

Imperial length 9' 10" | width 2' 1½" | height 1' 5½"

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

Approx weight

1640kg

Fixing centres & method

Root fixed 50mm below ground level (optional)

Foundation

1 no. pad 3100 x 700 x 400 mm in C20 concrete (recommendation only)

Maintenance

Depends on usage and position. All elements will require cleaning annually. Wooden elements should be treated every other year if coated. Stainless steel & concrete require no maintenance

FF1022 **Tondo**

The Tondo is intended for positioning as a group in a more informal seating arrangement on the street as a playground bench or in the mall. The slatted top of Tondo is naturally free draining, difficult to spend the night on, as well as unfriendly to skaters due to its absence of long straight edges.

SPECIFICATIONS

Composition

Seat material - FSC certified tropical hardwood and aluminium spacers

Nose plates - Polyester powder coated aluminium

Base legs - Satin polished stainless steel

Finish

Seat slats - Natural finish as standard. (Oil or microporous woodstain available on request).

Dimensions

Metric Diameter 1200mm | height 450mm

Imperial Diameter 3' 11" | height 1' 5½"

Approx weight

101kg

Fixing centres & method

340mm (1' 1½") x 310mm (12") 4 no. resin fixed anchors (two per leg)

Foundation

1 no. pads 700 x 700 x 200 mm in C20 concrete (recommendation only)

Maintenance

Depends on usage and position. All elements will require annual cleaning. Wooden elements should be treated every other year if coated. Polyester powder-coated aluminium will require maintenance only if damaged. Stainless steel requires no maintenance

FF1025 **Boort**

Boort's contemporary design, clean lines and sturdy construction make it ideal for use in both indoor and outdoor environments. The seat's ribbed construction is both comfortable and maintenance free whilst displaying the natural beauty of the FSC timber slats to full effect

SPECIFICATIONS

Composition

Seat slats - FSC certified tropical hardwood
Frame / Base - Satin polished stainless steel
(polyester powder-coated option available)

Finish

Natural finish as standard. (Oil or microporous woodstain available on request).

Dimensions

Metric	length 2300mm	width 845mm	height 930mm
Imperial	length 7' 6½"	width 2' 9½"	height 3' ½"

Approx weight

239kg

Fixing centres & method

2200mm (7' 2½") x 100mm (4"). 8 no. resin fixed anchors (2 per plate)

Foundation

4 no. pads 300 x 500 x 300 mm in C20 concrete (recommendation only)

Maintenance

Depends on usage and position. All elements will require cleaning annually. Wooden elements should be treated every other year if coated. Stainless steel requires no maintenance

FF4000 **Util Planters**

The Util planter is a heavy duty planter which can be made to any size has a structural liner made from galvanized steel and FSC timber slats.

FEATURE SITES

Westfield Centre Derby.

SPECIFICATIONS

Composition

Sides - FSC certified tropical hardwood

Frame - Satin polished stainless steel

Liner - Galvanised mild steel

Finish

Timber - Natural finish as standard. (Oil or microporous woodstain available on request).

Dimensions

Metric length 1000mm | width 400mm | height 625mm

Imperial length 3'3½" | width 1'3½" | height 2'½"

Planter liner capacity

150ltrs

Approx weight

83kg

Maintenance

Depends on usage / position. All elements will require annual cleaning. Wooden elements should be treated every other year if coated. Galvanised liner will require maintenance only if damaged. Stainless steel requires no maintenance

FF4001 **Galvanised Planters**

The planters feature an all welded mild steel construction with a hot dipped galvanized finished. This sturdy range of products (2.5mm sides & 4mm top/bottom) are designed to last in excess of 20 years maintenance free

SPECIFICATIONS

Composition

Mild steel (2.5mm sides - 4mm top/base)

Finish

Hot dipped galvanised mild steel

Dimensions

Square (including 'Tree Square')

Metric length 1000mm | width 1000mm | height 600mm | 585ltrs (Tree)

Imperial length 3'3½" | width 3'3½" | height 1'11½"

Metric length 370mm | width 370mm | height 600mm | 75ltrs

Imperial length 1'2½" | width 1'2½" | height 1'11½"

Metric length 300mm | width 300mm | height 900mm | 75ltrs

Imperial length 12" | width 12" | height 2'11½"

Round (including 'Tree Round')

Metric diameter 1500mm | height 800mm | 1385ltrs (Tree)

Imperial diameter 4'11" | height 2'7½"

Metric diameter 800mm | height 600mm | 290ltrs

Imperial diameter 2'7½" | height 1'11½"

Metric diameter 600mm | height 400mm | 105ltrs

Imperial diameter 1'11½" | height 1'3½"

Metric diameter 400mm | height 800mm | 95ltrs

Imperial diameter 1'3½" | height 2'7½"

Curved

Metric length 350mm | width 350mm | height 1100mm | 110ltrs

Imperial length 1'2" | width 1'2" | height 3'7½"

Metric length 400mm | width 400mm | height 600mm | 75ltrs

Imperial length 1'3½" | width 1'3½" | height 1'11½"

Tapered

Metric length 280mm | width 280mm | height 1000mm | 50ltrs

Imperial length 11" | width 11" | height 3'3½"

Metric length 500mm | width 500mm | height 600mm | 115ltrs

Imperial length 1'7½" | width 1'7½" | height 1'11½"

FF3001 **Square Bin**

FEATURE SITES
Tesco.

SPECIFICATIONS
Composition
Bin - Satin polished stainless steel
Bin liner - Galvanised mild steel
Dimensions
Metric L 450mm | W 450mm | H 1000mm
Imperial L 1'5½" | W 1'5½" | H 3'3½"
Bin liner capacity 90ltrs
Approx weight 57kg
Fixing centres & method
360mm (1'2") x 250mm (10")
4 no. sleeve anchors (two into each base leg)
Foundation
1 no. pads 400 x 400 x 400 mm in C20 concrete (recommendation only)
Maintenance
Depends on usage and position. All elements will require annual cleaning. Galvanised steel only requires maintenance if damaged. Stainless steel requires no further maintenance

FF3002 **Skop Bin**

FEATURE SITES
Waitrose, Alleyn's School, Westfield Centre Derby.

SPECIFICATIONS
Composition
Bin - Satin polished stainless steel
Bin liner - Galvanised mild steel
Dimensions
Metric L 450mm | W 450mm | H 900mm
Imperial L 1'5½" | W 1'5½" | H 2'11½"
Bin liner capacity 90ltrs
Approx weight 47kg
Fixing centres & method
350mm (1'2") x 250mm (10")
4 no. sleeve anchors (two into each base leg)
Foundation
1 no. pads 400 x 400 x 400 mm in C20 concrete (recommendation only)
Maintenance
Depends on usage and position. All elements will require annual cleaning. Galvanised steel only requires maintenance if damaged. Stainless steel requires no further maintenance

FF3003 **Torus Bin**

FEATURE SITES
St Gregory the Great School Oxford.

SPECIFICATIONS
Composition
Bin - Polyester powder coated stainless steel
Bin lid - Satin polished stainless steel
Bin liner - Galvanised mild steel
Dimensions
Metric diameter 500mm | height 880mm
Imperial diameter 1'7½" | height 2'10½"
Bin liner capacity 110ltrs
Approx weight 41kg
Fixing centres & method
325mm (1'1") x 325mm (1'1")
4 no. sleeve anchors (concealed)
Foundation
1 no. pads 400 x 400 x 400 mm in C20 concrete (recommendation only)
Maintenance
Depends on usage and position. All elements will require annual cleaning. Galvanised mild steel and coated stainless steel only require maintenance if damaged. Stainless steel requires no further maintenance

FF3004 **Round Bin**

FEATURE SITES
ExCel Exhibition centre.

SPECIFICATIONS
Composition
Bin - Satin polished stainless steel
Top & base - Polyester powder-coated aluminium
Bin liner - Galvanised mild steel
Dimensions
Metric L 445mm | W 470mm | H850mm
Imperial L 1'5½" | W 1'6½" | H 2'9½"
Bin liner capacity 70ltrs
Approx weight 32kg
Fixing centres & method
255mm (10")
2 no. resin fixed anchors (concealed in base)
Foundation
1 no. pads 400 x 400 x 400 mm in C20 concrete (recommendation only)
Maintenance
Depends on usage and position. All elements require annual cleaning. Galvanised steel & coated aluminium only require maintenance if damaged. Stainless steel requires no further maintenance

Square bin

Skop bin

Torus bin

Round bin

FF1012 **Tree seat**

The tree seat has been designed to withstand the heaviest town centre use with wheels chair inclusion. It features an incredibly strong all welded deep stainless steel frame and easily replaceable FSC timber slats.

FEATURE SITES

Apple Inc. USA, University Square Reykavik, Bishops Challenor School, Westfield Centre Derby, Southwark Richmond sheen square.

SPECIFICATIONS

Composition

Seat slats - FSC certified tropical hardwood

Frame / Base - Stainless steel

Finish

Natural finish as standard. (Oil or microporous woodstain available on request). Satin polished stainless steel

Dimensions (Overall)

Metric length 2800mm | width 2700mm | height 450mm*

Imperial length 9' 2" | width 8' 10½" | height 1' 5½"

** Not including +100mm below ground level for sub-surface fix option*

Approx weight

203kg

Fixing centres & method

See full AutoCAD drawing (available on request)

2 resin fixed anchors per base (sub-surface option available)

Foundation

10 no. pads 400 x 400 x 400 mm in C20 concrete (recommendation only)

Maintenance

Depends on usage and position. All elements will require cleaning annually. Wooden elements should be treated every other year if coated. Stainless steel requires no maintenance

FF1013 **Circular Tree Guard and Grille**

The Circular/Skop tree guard and grille is designed to provide street protection for feature trees. Box section stainless steel locking to a galvanized tree grille allows for removal should damage occur.

SPECIFICATIONS

Composition

Ring - FSC tropical hardwood
Frame - Stainless steel
Grill/base - Hot dip galvanised mild steel

Finish

Natural finish as standard. (Oil or microporous woodstain available on request). Satin polished stainless steel

Dimensions

Metric length 1130mm | width 1130mm | height 1500mm*
Imperial length 3'8½" | width 3'8½" | height 4'11"
** Not including +100mm below ground level*

Approx weight

84kg

Fixing centres & method

Grill frame root fixed 100mm (4") below ground level

Maintenance

Depends on usage/position. All elements will require annual cleaning. Wooden elements should be treated every other year if coated. Galvanised steel will require maintenance only if damaged. Stainless steel requires no maintenance

FF1020 **Skop Tree Guard and Grille**

SPECIFICATIONS

Composition

Frame - Stainless steel
Grill/base - mild steel

Finish

Satin polished stainless steel. Hot dipped galvanised mild steel grill and base.

Dimensions

Metric length 1130mm | width 1130mm | height 1500mm*
Imperial length 3'8½" | width 3'8½" | height 4'11"
** Not including +100mm below ground level*

Approx weight

72kg

Fixing centres & method

Grill frame root fixed 100mm (4") below ground level

Maintenance

Depends on usage/position. All elements will require annual cleaning. Galvanised steel will require maintenance only if damaged. Stainless steel requires no maintenance

FF1016 **Bloc Cycle Stand**

A space saving robust cycle stand in laser cut steel with cut outs for cycle wheels and locks.

SPECIFICATIONS

Composition

Frame - Mild steel

Finish

Hot dipped galvanised

Dimensions

Metric length 180mm | width 100mm | height 730mm*

Imperial length 7" | width 4" | height 2' 4½"

** Not including +250mm below ground level for sub-surface fix option*

Approx weight

15kg

Fixing centres & method

Root fixed 250mm (10") below ground level

Foundation

1 no. pads 400 x 400 x 400 mm in C20 concrete (recommendation only)

Maintenance

Depends on usage/position. All elements will require annual cleaning. Galvanised steel will require maintenance only if damaged.

FF4050 **Sign Post**

The signpost is available with 5 way finders in 3 finishes of 316 stainless steel, and natural or coated galvanized steel. Each way finder is laser cut and is available with graphics to suit the project identity.

SPECIFICATIONS

Composition

Sign/post - Mild steel

Lettering - Vinyl is white / arial font *(or as specified by client)*

Finish

Polyester powder-coated mild steel

Dimensions (max)

Metric length 1490mm | width 1490mm | height 3150mm*

Imperial length 4' 10½" | width 4' 10½" | height 10' 4"

** Not including +500mm below ground level for sub-surface fix option*

Approx weight

53kg + 3kg per finger added

Fixing centres & method

Root fixed 500mm (1' 7½") below gnd lvl (into concrete pad)

Foundation

1 no. pads 400 x 400 x 600 mm in C20 concrete (recommendation only)

Maintenance

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

FF1023 **Skop Lounger**

The Skop lounger is a comfortable free draining sun lounger for use in public spaces. The lounger feature a heavy duty stainless steel frame with FSC certified timber slats that are easily replaceable should damage occur.

FEATURE SITES

Paddington Walk London, 99 John street apartments New Yourk USA

SPECIFICATIONS

Composition

Seat slats - FSC certified tropical hardwood

Frame - Stainless steel

Finish

Timber - Natural finish as standard. (Oil or microporous woodstain available on request). *Stainless steel* - satin polished finish (polyester powder-coated option available)

Dimensions

Metric	length 2145mm	width 700mm	height 860mm
Imperial	length 7'½"	width 2'3½"	height 2'10"

Approx weight

84kg

Fixing centres & method

1850mm (6'1") x 300mm (12")

4 no. resin fixed anchors

Foundation

2 no. pads 700 x 400 x 200 mm in C20 concrete (recommendation only)

Maintenance

Depends on usage and position. All elements will require cleaning annually. Wooden elements should be treated every other year if coated. Stainless steel requires no maintenance

FF1024 **Square Tree Seat**

The clean lines and attention to detail make the tree seat a striking feature to any space. The free-draining seat top is comfortable and durable; with a variety of bases available.

FEATURE SITES

Pinewood Infant School

SPECIFICATIONS

Composition

Seat slats - FSC certified tropical hardwood or non-FSC oak (other woods available on request) & aluminium spacers

Base options - Satin polished stainless steel (tubular) or Bush hammered grey/white granite (cylindrical/ elliptical)

Finish

Natural finish as standard. (Oil or microporous woodstain available on request)

Dimensions

Metric	length 2215mm	width 2215mm	height 450mm*
Imperial	length 7'3"	width 7'3"	height 1'5½"

** Not including +100mm below ground level for sub-surface fix option*

Approx weight

191kg (tube) | 495kg (oval) | 487kg (circle)

Fixing centres & method

1755mm (5'9") x 1755mm (5'9") - Tubular bases fixed with 2 resin fixed anchors per base (sub-surface option available). Elliptical/cylindrical bases fixed with a concealed resin fixed anchor (1 per base)

Foundation

4 no. pads 700 x 700 x 300 mm in C20 concrete (recommendation only)

Maintenance

Depends on usage/position. All elements will require annual cleaning. Wood should be treated every other year if coated. Stainless steel & granite require no further maintenance

FF2003 **Tree Table**

The Tree Table has been designed to complement the Tree Seat and to withstand the heaviest town centre use. It features an incredibly strong all welded stainless steel frame and easily replaceable FSC timber slats.

SPECIFICATIONS

Composition

Table Top - FSC certified tropical hardwood

Frame / Base - Stainless steel

Finish

Natural finish as standard. (Oil or microporous woodstain available on request). Satin polished stainless steel

Dimensions

Metric diameter 1500mm | height 750mm*

Imperial diameter 4' 11" | height 2' 5½"

** Not including +400mm below ground level for sub-surface fix option*

Approx weight

106kg

Fixing centres & method

Root fixed 400mm (1' 3½") below gnd lvl (into concrete pad)

Foundation

1 no. pad 500 x 500 x 500 mm in C20 concrete (recommendation only)

Maintenance

Depends on usage and position. All elements will require annual cleaning. Wooden elements should be treated every other year if coated. Stainless steel requires no maintenance.

FF2000 **Skop Table**

Skop is an architectural design in stainless steel and FSC timber, intended for the heaviest public use in an all welded box section tube construction and wooden FSC timber slats which are easily replaced should damage occur.

SPECIFICATIONS

Composition

Table slats - FSC certified tropical hardwood or non-FSC oak

Frame - Satin polished stainless steel (polyester powdercoated option available)

Finish

Timber - Natural finish as standard. (Oil or microporous woodstain available on request).

Dimensions

Metric	length 2690mm	width 700mm	height 750mm
Imperial	length 8' 10"	width 2' 3½"	height 2' 5½"

Approx weight

119kg

Fixing centres & method

2610mm (8' 7") x 500mm (1' 7½") 4 no. resin fixed anchors (2 per leg)

Foundation

2 no. pads 900 x 400 x 200 mm in C20 concrete (recommendation only)

Maintenance

Depends on usage and position. All elements will require cleaning annually. Wooden elements should be treated every other year if coated. Stainless steel requires no maintenance

Site Specific

Factory Furniture utilize their innovative design flair and experience to produce site-specific designs to contribute to the clarity and identity of each project.

Clients have included Virgin Atlantic, Brown and Root, the BBC, the Earth Centre, Royal Bank of Scotland as well as many public authorities.

Collaborative ventures with many disciplines are also undertaken, some of the results are illustrated in the Special Projects section.

01 Camden

Client - Camden Council

Factory Furniture were recently selected to design a new bench seat for Camden Council to address major issues affecting existing seating in the borough.

The bench was designed to address many issues including anti social behaviour, such as rough sleeping, hiding drugs, bag theft and pick pocketing. The bench also had to ne easy to clean and not allowed to accumulate litter and enable easy removal of fly posting graffiti etc.

DDA issues were also addressed as the seat had to incorporate different heights of seat and provide a tapping rail for the visually impaired and shed water quickly.

The design forms a peaked top to allow seating both sides, with varying seat heights, which can be easily relocated should anti social behaviour patterns develop.

Possibly the most noticeable point is the way in which the seats are used, different groups will use the bench ranging from individuals to families to the young and elderly regularly seating up to 9 people at a time.

02 Gregory the Great School
Client - John W Platts
School bench seating with a durable external stainless steel frame and oak slats on surface mounted pedestal bases.

03 Huttons Farm Pergola
Client - Land - Art
Generously proportioned, locally sourced, green English Oak pergola with painted galvanized steelwork and stainless steel plant support tensioned wire.

04 Shepherds Bush
Client - Diarmuid Gavin Designs
A range of seating and tables to complement a beer garden design. Constructed in coated steel with FSC hardwood wooden tops.

05 Cathedral Square
Client - Manchester City Council
A modification to the steel Foil seat with the addition of cast aluminum arms.

06 Fleet Street Swindon
Client - Swindon Borough Council
Cycle stand in coated galvanized steel and stainless steel with provision for 12 stands or 24 cycles. A centrally placed drain in the roof diverts rain water to water collection

07 Lancaster Gate
Client - Parkman
English Oak memorial seating in Lancaster Gate London

08 Gardner House - Swindon
Client - Swindon Borough Council
Design of a garden in a sheltered housing scheme incorporating seating, warm weather shelter, rising and falling water features, dry and raised planting with surfaces in resin bonded gravel, crushed glass and decking.

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09 Surf Seat

Clients -Hardman Boulevard Manchester,
707 Westchester Plains, New York.

Surf seat in FSC certified hardwood and stainless steel incorporating LED down lighting.

10 BBC Homefront in the Garden
Client - BBC / Diarmuid Gavin
Reveal/conceal is a large cedar clad building whose walls gently lower with the aid of concealed springs to become useable decks with a second "skin" of stainless steel mesh doors which may be arranged to suit.

11 Tree Seats
Factory Furniture has produced a range of street seats in stainless steel with hardwood wooden slats. Almost any size can be produced to order.

12 Cement Garden
Client - Nagan Johnson Architects
The Cement Garden was designed by Deborah Nagan of Nagan Johnson, for the Westonbirt International Garden Festival in 2003. It utilised waste, commonly found on building sites. Factory Furniture Ltd was commissioned to build the exhibit.

13 Globe Chair
An exterior version of the "bubble chair" in stainless steel wire.

14 Hampton Court Flower Show
Client - Land Art
Award winning green roofed feature building for the 'Go Organic' show garden which received the Tudor Rose award. The 'potting shed' was constructed from locally sourced green oak with a sedum 'green roof' Other features included raised vegetable beds, and green oak walkways.

15 Planter Seating
Client - Kennington, London : Restaurant
Cantilevered seating around a galvanized steel planter for a restaurant open space in Kennington London.

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16 St Helier
Client - Edaw
Harbour side seating with incorporated lighting and Oak slatted seats on exposed aggregate bases.

17 Garden Weissensee
Client - Land Art
Pergola and pavilion in Clear pressure treated Douglas Fir for a sensory 'blind' garden in Berlin

18 The Earth Centre
Client - Grant Associates
Site seating in locally sourced sustainable green English Oak with cleft oak legs and aluminium details.

19 Gosport Millenium Promenade
Client - Gosport Borough Council
Seating along the coastal promenade in cast aluminium and locally sourced oak.

20 BBC Homefront in the Garden
Client - BBC / Diarmuid Gavin
Temple is a small domestic structure in stainless steel and stainless steel fabric with a green oak slatted roof and floor.

21 Stockley Academy
Client - Plinke Landscapes
Wall top and performance space seating in free draining straight sections and laminated curved elements manufactured in FSC certified hardwood with galvanized steelwork.

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22 Portsmouth Guildhall Square

Client - Portsmouth Borough Council

An informal group of seating, winding through the square, and around mature trees.

Made from in FSC Cumaru and stainless steel. Designed to be easily removable for event access and with a protective stainless steel frame for durability.

23 Southsea

Client - Portsmouth Borough Council

Cantilevered seating with free standing freeform benches in FSC hardwood on stainless steel frames.

The existing brick planters were clad in granite and the seating units were designed to complement the nautical history of Southsea.

24 Reading Feature Seating

Client - Reading Borough Council /
Moore Piet & Brookes.

Feature seating and boulders in rough punched Cornish granite with polished tops and inset timber elements in FSC certified hardwood with stainless steel arms and anti skate studs.

25 **20 Gracechurch Street**

Client - Charles Funke Associates

Cantilevered seating in FSC hardwood with stainless steel supports and details

26 Forfar Town Square

Client - Client Angus Council

seating in FSC hardwood with stainless steel arms and details on local stone plinths

27 **Complete circle tree seat**
Factory Furniture's bespoke facility can produce tree seats of any size and configuration

28 **Woodbloc table**
Standard products can be adjusted to suit the clients requirements

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Factory furniture

Factory furniture