As UK based, designers and manufacturers, Street Design can manufacture and supply the Bournemouth circular all metal planters, to suit your specific requirements. The design, allows you to specify individual free-standing planters, available in different plan sizes and heights. Choose from a range of accessories to ensure that the Bournemouth planters are manufactured to suit your specific scheme.

Bournemouth planters are suitable for:
- tree planters
- movable planters
- feature planters
- all metal planters

**BOURNEMOUTH planter**

**Product Details**
- **Product Specification**
- **Accessories**
- **Watering System**
- **Adjustable Feet**
- **Material Finishes**
- **Material Specifications**
- **Care & Maintenance**

*Bournemouth tree planters with optional dull polished stainless steel top cappings*
The Bournemouth planter, is a circular all metal planter, available in a choice of plan sizes and heights. The planter walls are polyester powder coated aluminium and the top capping will be welded aluminium flat. Optional top capping will be stainless steel with a dull polished finish. A number of planter accessories are available to ensure that the Bournemouth planter is suitable for your specific scheme.

**Construction**

The planter comprises of a mild steel base onto which the planter wall is fixed. The planter wall consist of a rolled cylinder of aluminium sheet with welded internal vertical flats and a top capping of welded 76x9mm rolled aluminium flat. Optional dull polished stainless steel capping is bolted to the top of the planter wall using CSK stainless steel bolts. After assembly, a treated plywood floor is fitted before being fully lined with a geotextile membrane.

**Standard foot type**

As standard, the planter feet will be an integral part of the fully welded mild steel base. The feet consist of 48.3 Ø x 3mm thick mild steel tube with a fully welded foot plate. The foot plate will be 100x100x5mm thick mild steel.

**Optional foot type**

M30 adjustable legs can be fitted to mild steel brackets that are fully welded to the underside of the galvanized mild steel base. Due to continued product improvement, Street Design Limited reserves the right to change the product specification.

**Other optional colours available on request**

- RAL 9002 Light Grey
- RAL 9005 Black
- RAL 7037 Mid Grey
- RAL 7001 Red Violet
- RAL 5010 Blue
- RAL 3020 Red
- RAL 7035 Mid Grey
- RAL 4001 Red Violet

**Key**

- a 4mm aluminium sheet
- b 76.2x9.5mm aluminium flat
- c 50x4mm aluminium flat
- d 50x10mm mild steel flat
- e 75x50x3mm mild steel RHS
- f 48.3 Øx3mm mild steel CHS
- g 100x100x5mm mild steel foot plate
- h 18mm thick FSC treated plywood
- i Geotextile membrane filter lining

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**Street Design Limited**

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Web site: www.street-design.com

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Due to continued product improvement, Street Design Limited reserves the right to change the product specification.
**Technical Information**

<table>
<thead>
<tr>
<th>Material</th>
<th>4mm thick aluminium sheet</th>
<th>Polyester powder coated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top capping</td>
<td>76.2x9.5mm aluminium flat</td>
<td></td>
</tr>
<tr>
<td>Optional top capping</td>
<td>80x8mm grade 304 stainless steel</td>
<td></td>
</tr>
<tr>
<td>Optional top capping finish</td>
<td>Dull polished</td>
<td></td>
</tr>
<tr>
<td>Internal wall supports</td>
<td>50x4mm aluminium</td>
<td></td>
</tr>
<tr>
<td>Base material</td>
<td>75x50x3 RHS, 50x50x5 Angle and 50x10mm mild steel flat</td>
<td></td>
</tr>
<tr>
<td>Planter feet</td>
<td>48.3 Ø x3mm CHS and 100x100x5mm mild steel plate</td>
<td></td>
</tr>
<tr>
<td>Base finish</td>
<td>Hammerite painted</td>
<td></td>
</tr>
<tr>
<td>Base floor</td>
<td>18mm thick FSC® certified treated plywood</td>
<td></td>
</tr>
<tr>
<td>Planter lining</td>
<td>Terram 1000 geotextile membrane</td>
<td></td>
</tr>
</tbody>
</table>

**Accessories**

<table>
<thead>
<tr>
<th>Adjustable feet</th>
<th>Tree anchor fittings</th>
<th>Bench seating</th>
<th>Watering systems</th>
<th>Trellis panels</th>
<th>pergola structures</th>
</tr>
</thead>
</table>

**Guarantee**

All planters are guaranteed for 15 years minimum.

**Planter dimensions and weights**

<table>
<thead>
<tr>
<th>Standard planter heights</th>
<th>560mm</th>
<th>1060mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planting depths</td>
<td>407mm</td>
<td>907mm</td>
</tr>
</tbody>
</table>

**Typical Weights**

<table>
<thead>
<tr>
<th>626mm Ø planter</th>
<th>47kgs</th>
<th>58kgs</th>
</tr>
</thead>
<tbody>
<tr>
<td>955mm Ø planter</td>
<td>57kgs</td>
<td>73kgs</td>
</tr>
<tr>
<td>1273mm Ø planter</td>
<td>102kgs</td>
<td>123kgs</td>
</tr>
</tbody>
</table>

**Typical Capacity - internal fill volume**

<table>
<thead>
<tr>
<th>626mm Ø planter</th>
<th>0.13 m³</th>
<th>0.28 m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>955mm Ø planter</td>
<td>0.28 m³</td>
<td>0.63 m³</td>
</tr>
<tr>
<td>1273mm Ø planter</td>
<td>0.51 m³</td>
<td>1.15 m³</td>
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</tbody>
</table>

**Light fill material can be based on:**

<table>
<thead>
<tr>
<th>1000 kgs / m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000 kgs / m³</td>
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</tbody>
</table>

**Heavy fill material can be based on:**

**Construction**

All Street Design products are designed and manufactured using only quality, durable materials, construction details and fixings, to provide a long-lasting, durable life expectancy.

**Assembly**

Where possible planters will be delivered to site fully assembled for off loading and positioning on site. Larger planters can be manufactured in sections for bolting together on site.

**Materials**

Aluminium sheet, mild steel angle, flats and hollow section and optional stainless steel flat.

FSC treated Eucalyptus plywood. Planters will be fitted with a geotextile filter fabric lining, which allows the water to drain through the planter, while retaining the fill material.

**Standard finish**

The aluminium planter body and top capping will have a polyester powder coated finish. The optional stainless steel top capping will have a dull polished finish.

**Options**

Bournemouth planters are manufactured to order. Before we can manufacture the planters, we need to know the following:

- plan size of planters
- heights
- details of accessories required

**Accessories**

To enhance your Bournemouth planter and create a product that is suitable for your specific application, you can choose from a range of planter accessories.

- Adjustable feet
- Watering system
- Integral bench seating
- Base skirting
- Pergola structures
- Trellis panels

**Timber policy**

All treated softwood planters are manufactured using materials obtained from growers who operate under the Forest Stewardship Council® (FSC®)

All iroko hardwood planters are manufactured using materials obtained from growers who operate under the Forest Stewardship Council® (FSC®)

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Due to continued product improvement, Street Design Limited reserves the right to change the product specification.

Ref: 11/B
Bournemouth planters can be manufactured and supplied to include a range of optional accessories. Planters can incorporate: adjustable feet, tree anchor fittings, base skirtings, watering systems, bench seating, LED lighting, pergolas and trellis panels.

**Adjustable feet**
Bournemouth planters can be manufactured with optional adjustable feet to allow the planter to be height adjusted to ensure that the top of the planter is level. The adjustable feet, allow the planter to be levelled after relocation. See separate page for Adjustable Feet details.

**Watering system**
Bournemouth planters can be supplied with a choice of 2 watering systems. Street Design can supply either a reservoir system, with filler pipe or the Mona, subterranean tank system. See separate page for Watering System details.

**Moveable planters**
Bournemouth planters can be supplied with a full internal steel frame allowing the planters to be moved whilst fully planted. The steel frame provides additional strength and ensures suitable supports for the forklift tines.

**LED Lighting**
Bournemouth planters can be supplied with apertures cut into the sides of the planters or we can add timber bearers or metal brackets to accommodate your specified LED lighting products. Please contact the sales office to discuss your specific requirements.

**Tree anchor fittings**
Bournemouth planters can incorporate tree anchor points. They can be fitted at the bottom of the planter to help support the root ball and they can be fitted at the top of the planter to help provide support for the tree. The tree anchors are manufactured as part of the internal mild steel frame.

**Pergola structures and trellis panels**
Pergola structures and trellis panels can be integrated into the planter construction. Pergolas and trellis allow high level planting and create shading for seating areas.

**Bench seating**
Integral planter benches, with or without armrests, can be supplied with the Bournemouth planter. The Spalding bench consists of timber slats. The timber slats will be bolted onto galvanised mild steel frames, attached to the planter sides. As standard the brackets will have a galvanised finish. As an optional extra, they can be polyester powder coated.

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**Bournemouth planter bench - layout options**

1 bench 90°
2 benches 90°
3 benches 90°
1 bench 180°
1 bench 270°
1 bench 360°

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Due to continued product improvement, Street Design Limited reserves the right to change the product specification.
## Watering System 1 - Street Design reservoir system

The Street Design watering accessory is a reservoir system with hydroleca sacks, that maximises the available water.

The system ensures the optimum use of the water and nutrients, delivering the maximum quantity directly to the roots of the plants, resulting in improved root development and optimal plant growth.

### General

The system consists of a 300 micron thick black polythene liner, hydroleca (pulverised ash granules) sacks and a rigid plastic filler pipe.

The system delivers water directly to the roots via 50mm diameter, rigid plastic pipe, eliminating water wastage. This encourages deep root growth, improving long term drought resistance. The high level filler pipe provides an easy access point for watering and soluble fertiliser application.

### Installation

Planters are supplied with the Water System 1 already installed.

Ensure the hydroleca sacks are in the correct position. They will move during transportation. Check that all the plastic pipe connections are properly fitted. The planter is ready for drainage material, filling and planting.

## Watering System 2 - MONA subterranean tank system

### Mona watering system

Factory fitted into planter / tree container

The Mona Plant System (MPS) is an advanced, well proven and easy to use subterranean irrigation system. It is the cost effective and environmentally friendly solution for both interior and exterior landscaping.

The Mona Plant System ensures that the water and nutrients are delivered in the right quantity to the root of the plants, resulting in improved root development and optimal plant growth.

### General

The system consists of storage tanks, flexible linking pipes and a flexible filler pipe with filler pipe cap. The system delivers water directly to the roots via capillary action, eliminating water wastage. This encourages deep root growth, improving long term drought resistance. The cap and lid provides an easy access point for watering and soluble fertiliser application.

### Factory installation

All necessary water tanks, pipes, end caps and air pipes with level indicator, are factory fitted into the planters / tree containers, prior to delivery.

### Filling planters

Ensure that the distance between the top of the link tank and the lowest part of the root does not exceed 150mm.

Due to continued product improvement, Street Design Limited reserves the right to change the product specification.
As an extra cost option, Street Design planters can be supplied with adjustable feet. They allow the planter to be levelled, before filling and planting. Adjustable feet are particularly useful if the planters are likely to be relocated to a new position. The adjustable foot screw fits into a hex nut, located on the underside of the planter base.

The adjustable foot comprises of a M30 Ø threaded bar, with spherical end section, press fitted into a black reinforced polyamide base. The swivel base can tilt through 360º to accommodate sloping ground levels. The threaded bar is BZP (bright zinc plated) treated.

The M30 adjustable foot with swivel base, is screwed into adjustable foot mounting plate. The mild steel mounting plate with adjustable foot housing, is fixed to the underside of the planter base. A M30 hex full nut is welded to the underside of the mounting plate. The adjustable foot is adjusted with a 26mm wrench.

For extra security, it is possible to drill and bolt through the base of the adjustable feet.

Base diameter

M30 adjustable foot with swivel base. The base diameter is 122mm.

Swivel base

The swivel base can adjust to allow for sloping ground with a fall of up to 1 in 2.06 (26°).

Bolt down base

Due to continued product improvement, Street Design Limited reserves the right to change the product specification
MATERIAL FINISHES

The Bournemouth planter, comprises of a powder coated mild aluminium planter body on a galvanised steel frame, with an aluminium top capping.

### Standard finishes

#### Aluminium walls - standard finish
As standard, aluminium planter walls will be supplied with a polyester powder coated finish. As standard the powder colour will be RAL 9005, black. Other RAL colours are available on request.

#### Mild steel base - standard finish
As standard, after fully welding, the internal mild steel base frame, will be painted with a black, smooth hammerite paint.

#### Optional stainless top - standard finish
As standard the optional stainless steel top capping will be supplied as grade 304 stainless steel with a dull polished finish. Grade 316 stainless steel is also available on request.

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**Bournemouth tree planter, 1000mm high, with optional stainless steel top capping**

**RAL 9005 - black semi-gloss, polyester powder coating.**

**RAL 9006 - white metallic (silver), semi-gloss, polyester powder coating.**

**RAL 9003 - white semi-gloss, polyester powder coating.**

**The Bournemouth, mild steel, internal planter base frame are supplied with a black hammerite painted finish. (Base shown here is for a planter with optional adjustable feet).**

**Grade 304 stainless steel top capping with a dull polished finish.**

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Due to continued product improvement, Street Design Limited reserves the right to change the product specification.
BOURNEMOUTH planter

MATERIAL SPECIFICATION

Standard planter

- Aluminium planter body
  - 4mm thick aluminium sheet
  - 50x4mm aluminium flat
- Top capping
  - 76.2x9.5mm aluminium flat
- Optional top capping
  - 80x8mm grade 304 stainless steel
  - Grade 316 available if required
- Base frame
  - 75x50x3mm mild steel RHS
  - 50x50x5mm mild steel angle
  - 50x10mm mild steel flat
- Base frame legs
  - 48.3mm Ø x 3mm mild steel CHS
- Leg baseplate
  - 100x100x5mm mild steel plate
- Base floor
  - 18mm FSC Eucalyptus treated plywood
- Internal lining
  - Geotextile filter fabric membrane

Optional planter accessories

- Adjustable feet
  - M30 adjustable feet with swivel base. See Adjustable Foot page for full details.
- Tree anchors
  - 25x5mm mild steel flat, hot dip galvanised.
- Watering system
  - Choose either the Street Design reservoir system or the Mona tank system. See Watering System page for full details.
- Planter benches
  - Bournemouth planters can be supplied with integral planter benches in a variety of materials. The bench slats can be supplied in FSC® certified treated European redwood or FSC® certified iroko hardwood. The slats will be bolted to either hot dip galvanised mild steel or stainless steel bench brackets.
- Base skirting
  - 5mm thick mild steel flat, hot dip galvanised with optional polyester powder coated finish.

Optional planter accessories continued

- Movable planters
  - Bournemouth planters are manufactured with an internal mild steel frame allowing them to be moved when planted.
- Pergola structures
  - Pergola structures can be manufactured as an integral part of the planter construction. The steel uprights can be added to carry the upper horizontal 145x45mm section timber bearers and cross bearers.
- Trellis panels
  - Trellis panels can be manufactured as an integral part of the planter construction. Steel uprights can be added to carry the horizontal and vertical trellis timber slats.
- LED lighting
  - During the manufacture of your Bournemouth planters, we can modify the product to suit your LED fittings. Contact the sales department for more information.
- Material samples
  - Material samples are available on request.

Guarantee

All planters are guaranteed for 15 years minimum. This guarantee is a minimum and is dependant on the product not being misused or abused. All the materials, treatments and construction will allow for a life expectancy considerably longer than this.

General specification

- Construction
  - All Street Design products are designed and manufactured using only quality, durable materials, construction details and fixings, to provide a long-lasting, durable life expectancy.
- Assembly
  - Bournemouth planters will be delivered to site fully assembled for off loading and positioning on site.
- Timber policy
  - All treated softwood products are manufactured using materials obtained from growers who operate under the Forest Stewardship Council® (FSC®).
  - All iroko hardwood products are manufactured using materials obtained from growers who operate under the Forest Stewardship Council® (FSC®).
- Materials
  - Hardwood products are constructed using FSC® certified iroko hardwood, from sustainable sources. Softwood products are constructed using FSC® certified European redwood that has been Wolmanit CX treated, for a desired service life of 30 years minimum.
  - All mild steel fabricated components will be hot dip galvanised after fabrication to BS EN ISO 1461:2009.
  - All stainless steel fabricated components will be grade 304. Grade 316 can be specified if the location or project requires.
  - All mild steel fixings will be bright zinc plated, and all stainless steel fixings will be A2 (grade 304), A4 (grade 316) can be specified if the location or project requires.
  - Planters will be fitted with a geotextile filter fabric lining, which allows the water to drain through the planter, while retaining the fill material.
- Finishes
  - The aluminium walling panels will be supplied with a polyester powder finish. The standard colours are RAL 9005 black, RAL 7037 mid grey, RAL 9002 light grey, RAL 3020 red, RAL 4001 red violet and RAL 5010 blue. Other colours available on request.
  - The optional grade 304 stainless steel top capping will be supplied with a dull polished finish.
  - The FSC® certified treated softwood and iroko hardwood bench slats will be left natural to reduce the need for re-staining and help reduce maintenance costs. If required, timber bench slats can be supplied with a stained finish using 3 coats of quick drying water based wood stain, to the colour of your choice.
  - The mild steel bench brackets will be left with a galvanised finish only. If required, after hot dip galvanising, the mild steel components can be polyester powder coated, to the colour of your choice. The galvanised parts are prepped, treated and sprayed with the polyester powder, before being baked in an oven.
  - Optional stainless steel planter benches will have a dull polished finish.

Due to continued product improvement, Street Design Limited reserves the right to change the product specification

Ref: 40/B
CARE & MAINTENANCE

Maintaining the standard mild steel finish (steel frame and legs)

Dirt can be washed off with warm water and a mild detergent. Always use clean water and cleaning cloths to avoid surface contamination. If required the mild steel base frame and planter feet can be re-painted. Brush apply a single coat on top of the existing paint using black, smooth finish hammerite paint.

Maintaining the standard aluminium finish (planter body panels)

Polyester powder coated finishes should be washed down with clean warm water and a mild detergent. Minor touching up can be done with an aerosol to match the original powder coated colour. Details can be obtained from Street Design Limited. More severe damage can be repaired by sanding down, by manual or mechanical means, beyond the damaged area, sufficiently far as to ensure that any step in the powder coated finish is removed. This will ensure that after re-finishing the repair will be difficult to detect.

Maintaining the standard stainless steel finish (top capping)

Dull polished (brushed) stainless steel should be washed down with clean, warm water with a mild detergent. More severe marks can be removed by using a fine abrasive, such as a Scotchbrite or stainless steel scouring pad. As dull polishing is a process of applying fine linear scratches evenly over the surface, it is extremely important that rubbing down with an abrasive pad is done carefully in a straight line parallel to the existing grained finish. Rust marks or stains are usually caused by environmental contamination from dissimilar materials laid against, or near to, the stainless steel. These stains can be removed as described above.

Due to continued product improvement, Street Design Limited reserves the right to change the product specification