Monsal

Inspired by one of our favorite footpaths through the rolling hills of the Peak District, Monsal is a compact and size-adjustable bench seating range. Connect the benches end-to-end to create long runs of banquette or backless bench seating, reminiscent of the train carriages that once steamed along the railway, now the Monsal Trail footpath.

With a range of design options available, this simple bench system can adapt to a range of interior purposes and styles. Plinth, leg and castor options diversify Monsals functionality, while custom sizing provides a sleek built-in aesthetic.

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	W600 Bench	W600 Bench with Back	W1200 Bench	W1200 Bench with Back	W1600 Bench	W1600 Bench with Back
Product Code	MON-60	MON-60-B	MON-120	MON-120-B	MON-160	MON-160-B
Dimensions	D570 x SH460mm Max W600mm	H820 x D590 x SH460mm Max W600mm	D570 x SH460mm Max W1200mm	H820 x D590 x SH460mm Max W1200mm	D570 x SH460mm Max W1600mm	H820 x D590 x SH460mm Max W1600mm




	Corner Bench No Back	Corner Bench with Back
Product Code	MON-C	MON-C-B
Dimensions	D780 x W780 x SH460mm	H820 x D800 x W800 x SH460mm

UPHOLSTERY STYLES



Plain



Quilted Seat



Quilted Seat & Back

75mm Wide Quilted Channels

Please note: for quilted finishes M.O.Q.s apply

CUSTOM SIZING

Benches can be modified to any width, up to **600mm** wide or **1200mm** wide.
Choose the closest size that exceeds your requirements out of the width options above.

A one-off charge applies per size modification.
For custom width Wall Panels there is no addition charge.

For examples of pricing see next page.

LINKING

Linking mechanisms will only be fitted to the units subject to layout plans being provided.
Alternatively, mechanisms will be free-issued.



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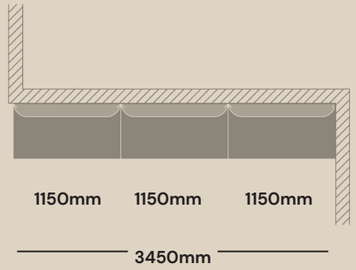
To give a better understanding on how to price custom-sized Monsal benches we have compiled the below examples:

Straight Run

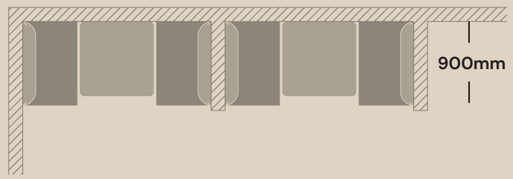


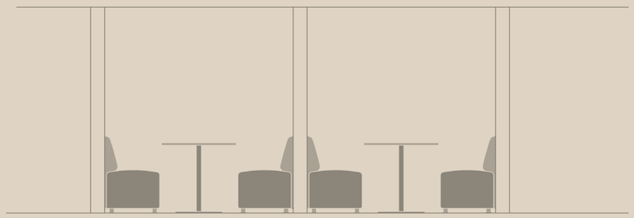
To create a bench running the length of a 3450mm wall the following split can be created:

COST BREAKDOWN

3no. 1150mm Benches:
3x MON-120-B + 1x **Customisation charge**

Booth Layout





To create custom-sized booth setups between stud-wall partitions or in alcoves:

COST BREAKDOWN

4no. 900mm Benches: 4x MON-120-B + 1x **Customisation charge**

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SHORT LEG OPTIONS - 50mm

WOOD LEG FINISH



Beech

OR



Oak

STANDARD WOOD COLOURS:

- Walnut Stain
- Graphite Grey RAL 7024
- Jet Black RAL 9005
- Zinc Yellow RAL 1018
- Pigeon Blue RAL 5014
- Beige Red RAL 3012
- Ruby Red RAL 3003
- Moss Green RAL 6005
- Reseda Green RAL 6011
- Sapphire Blue RAL 5003

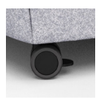
Custom RAL colour.

BLACK PLINTH



50mm HEIGHT

CASTORS



Castors
Black

POWER



Porthole power modules can be incorporated into seat fronts on request.

TALL LEG OPTIONS - 150mm

METAL LEG FINISH



STANDARD POWDER COAT COLOURS:

- Wine Red RAL 3005
- Ruby Red RAL 3003
- Beige Red RAL 3012
- Broom Yellow RAL 1032
- Zinc Yellow RAL 1018
- Oyster White RAL 1013
- Steel Blue RAL 5011
- Sapphire Blue RAL 5003
- Pigeon Blue RAL 5014
- Blue Grey RAL 7031
- Signal White RAL 9003
- Pebble Grey RAL 7032
- Grey Beige RAL 1019
- Yellow Grey RAL 7034
- Fir Green RAL 6009
- Moss Green RAL 6005
- Reseda Green RAL 6011
- Cement Grey RAL 7033
- Light Grey RAL 7035
- Graphite Grey RAL 7024
- Jet Black RAL 9005
- Quartz PREMIUM
- Graphite Grey PREMIUM
- Jet Black PREMIUM

On small orders a minimum charge may apply.

BLACK PLINTH



150mm HEIGHT

POWER





Phase power modules can be incorporated under seat fronts or **Puma** modules can be built into plinth fronts.

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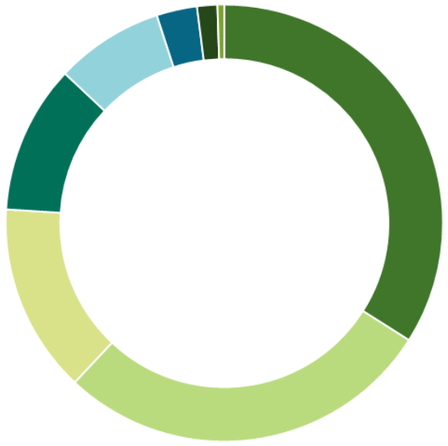
PRODUCT MATERIAL BREAKDOWN

Material Breakdown Data based on the **Monsal** 1200mm Bench with Back MON-120-B upholstered in Camira Oceanic.

Figures stated will vary depending on model purchased and specification changes.

Recycled data based on supplier information and industry averages. As part of our continuous development processes we will review this information regularly and data may change without notice.





34%	MDF
28%	AGRICULTURAL FIBRE BOARD
14%	POLYURETHANE FOAM
11%	PLYWOOD
8%	FABRIC
3%	RECON FOAM
1.5%	ZINC PLATED MILD STEEL
<1%	WOOD

TOTAL WEIGHT: 37.5kg

53.26 KG CO2e

*calculations are based on average emission factors validated by third-party open data sources based on cradle-to-gate phases of typical product lifecycle.

SUSTAINABILITY

39%	RECYCLED CONTENT
98%	RECYCLABLE

This product has been designed using high quality materials and craftsmanship to ensure it's longevity, however at the end of this products life it can be returned to **sixteen3** for refurbishment or recycling.

.For FSC® Chain of Custody specify when ordering.

FSC www.fsc.org MIX Wood | Supporting responsible forestry FSC® C181375

ISO 14001 ISOQAR REGISTERED

Certificate Number 14506

fisp Furniture Industry Sustainability Programme

Full Membership Certificate No. 173

Warranty Information

5 YEAR - NORMAL FAIR WEAR & TEAR

This includes the structure and any foam/padding materials.
Fabrics are covered by fabric manufacturers' warranties, usually 5 years, dependant on fabric choice.

Please refer to full **sixteen3** Warranty information document for more details.
sixteen3 ltd reserve the right to update product data information without prior notice.

Standards

FLAMMABILITY

The foams & fillings of this product meet BS EN 5852: Part 2, in accordance with The Furniture and Furnishings (Fire) (Safety) Regulations 1988.

CONSTRUCTION

Designed to meet & exceed BS EN 16139: 2013 - Strength, Durability and Safety Requirements for non-domestic seating.

Cleaning & Maintenance

GENERAL MAINTENANCE

- Vacuum upholstery regularly to remove dust and grit.
- Most hard surfaces can be cleaned with a soft cloth, dampened with a small amount of water and buffed dry.
- Clean spills and stains quickly to prevent them setting in (see specific fabric care instructions below).
- If being used in a spill/stain prone area specify an appropriate finish with stain-repellent properties.

Refer to fabric manufacturers own guidelines for specific information.

NATURAL FABRICS

In addition to regular vacuuming, wool and other natura fibres can usually be cleaned using appropriate upholstery shampoo. For a deeper clean it is best that wool be dry cleaned, as over-wetting can cause shrinkage and appearance change. Never apply bleach, ammonia, alkali or strong acids to wool upholstery.

SYNTHETIC FABRICS

Vacuuming is the best regular maintenance followed by speed of action to remove spills and stains rapidly as soon as they occur. Most synthetic fabrics can be wiped down with a water soaked damp cloth without fear of damaging fibre or removing colour. Stubborn stains can be removed with a quality upholstery shampoo.

LEATHER

Leather should be regularly dusted with a soft cloth and vacuumed with a soft brush extension.
Most types of aniline can also be treated with specialist products to help preserve colour/finish etc.
As leather is a natural material, discrepancies in surface texture and 'puddling' in seat areas is to be expected.

POWDER COATED & PAINTED

Clean surfaces regularly with a slightly damp cloth and a mild solution of soapy water. Buff dry with a soft duster.

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