

Manta

Environmental & Specification Data

boss



MAN/1/AL

Product Description

Ideal for foyers and welcome areas, Manta subtly harmonises handcrafted luxury with a contemporary edge.

Featuring a two-seater sofa with matching armchair, this collection is designed to offer a compact and informal seating solution for corporate receptions and breakout areas, in addition to hotel lobbies.

VOC Emission Tests

This product is tested and is compliant with:

Seating Clean Air Gold
ANSI/BIFMA e3-2019e, Sections 7.6.1, 7.6.2, 7.6.3.



Technical Certifications

N/A

Fire Requirements

Polyurethane foam meets BS 5852: Part 2
We recommend the use of wool or BS EN 1021-Crib 5 synthetic fabrics

Product Assets

We have a range of assets available for this and other products that you can find via this link: [Resource Library](#)

Company Certifications & Accreditations

Boss Design have achieved the following standards and accreditations:

- ISO 9001
- ISO 45001
- FIRA Membership
- FISP Full Membership
- Returnable Packaging: CFC & HCFC Free

Product Specification

- Manta Armchair
- CMHR moulded seat and back foam
- Painted or polished aluminium, or European Oak legs, with the option of a painted frame in any RAL colour.
- Twin needle & top stitch detail
- Rouched or smooth upholstered back
- Sprung seat
- No restrictions on fabrics, leathers and vinyls

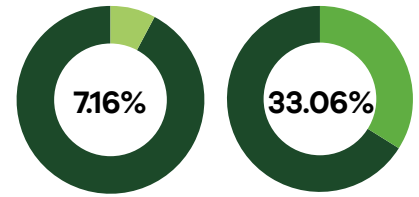
Product Dimensions

- **Height**
760 mm
30 inches
- **Width**
800 mm
31.5 inches
- **Depth**
760 mm
30 inches
- **Seat Height**
435 mm
17.25 inches
- **Arm Height**
580 mm
23.25 inches

Recycled Content Recyclable Content

Disclaimer: This data is based on
MAN/1/AL

Numbers may vary based on the
exact options selected.



CO² Measure

N.B. these FootPrints have been calculated using a 2019 data set and have been produced using the FIRA methodology.

0.088 tonnes

CO² per chair

87.87 tonnes

CO² per 1,000 chairs

Material Data & Environmental Breakdown

| Materials | Weight (kg) | Weight (%) | Recycled Content (%) | Recyclability (%) | Provenance |
|---------------|----------------|-------------|----------------------|-------------------|------------|
| Aluminium | 3.45 | 14.74% | 33% | 100% | - |
| Plywood | 0.79 | 3.37% | 10% | 100% | - |
| Polypropylene | 0.004 | 0.02% | 0% | 100% | - |
| Timber | 3.04 | 12.97% | 100% | 100% | - |
| Polyurethane | 15.68 | 66.90% | 0% | 0% | - |
| Totals | 22.96kg | 100% | 7.16% | 33.06% | |

Environmental & Specification Data



MAN/2/OAK

Product Description

Featuring a two-seater sofa with matching armchair, the Manta chair collection is designed to offer a compact and informal seating solution ideal for foyers and welcome areas.

VOC Emission Tests

This product is tested and is compliant with:

Seating Clean Air Gold
ANSI/BIFMA e3-2019e, Sections 7.6.1, 7.6.2, 7.6.3.



Technical Certifications

This product is currently under test and will be updated when the results become available.

Fire Requirements

Polyurethane foam meets BS 5852: Part 2
We recommend the use of wool or BS EN 1021-Crib 5 synthetic fabrics

Product Assets

We have a range of assets available for this and other products that you can find via this link: [Resource Library](#)

Company Certifications & Accreditations

Boss Design have achieved the following standards and accreditations:

- ISO 9001
- ISO 14001
- ISO 45001
- FIRA Membership
- FISP Full Membership
- ICO Data Protection Registration
- Returnable Packaging: CFC & HCFC Free
- Ecovadis Sustainability Rating - Silver Medal
- Commercial Interiors Membership - 118/1298/C
- FSC® Chain of Custody Certification - Boss Design FSC® - C021884



The mark of responsible forestry

Product Specification

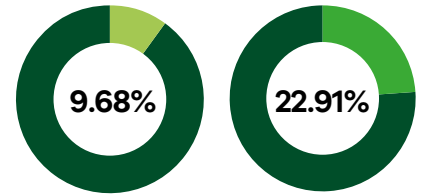
- CMHR moulded seat and back foam
- Oak leg with clear lacquer
- Twin needle & top stitch detail
- Sprung seat
- No restrictions on fabrics, leathers and vinyls

Product Dimensions

- **Height**
760 mm
30" inches
- **Width**
1630 mm
64.25" inches
- **Depth**
760 mm
30" inches
- **Seat Height**
435 mm
17.25" inches

Recycled Content Recyclable Content

Disclaimer: This data is based on **MAN/2/OAK**
Numbers may vary based on the exact options selected.



Material Data & Environmental Breakdown

| Materials | Weight (g) | Weight (%) | Material Recycled Content (%) | Material Recyclability (%) | Provenance |
|---------------|----------------|-------------|-------------------------------|----------------------------|------------|
| PU | 23260 | 63.67 | 0% | 0% | UK |
| PU | 4680 | 12.81 | 0% | 0% | UK |
| PU | 130 | 0.36 | 0% | 0% | UK |
| Steel | 6920 | 18.94 | 50% | 100% | UK |
| Ply | 1110 | 3.04 | 0% | 100% | UK |
| Ply | 100 | 0.27 | 0% | 100% | UK |
| Steel | 1120 | 0.22 | 50% | 100% | UK |
| Steel | 140 | 0.19 | 50% | 100% | UK |
| Oak | 180 | 0.25 | 0% | 100% | Germany |
| Oak | 180 | 0.25 | 0% | 0% | Germany |
| Totals | 37.82kg | 100% | 9.68% | 22.91% | |

CO₂ Measure

175.46 kg CO₂e

N.B. Carbon Footprint calculations made cover the cradle-to-gate phases of a typical product lifecycle assessment. The calculations are based on Boss operational data and average emission factors validated by third-party open data sources.

| | |
|----------------------|-----------------------------|
| Material Acquisition | 166.57 kg CO ₂ e |
| Material Processing | 0.82 kg CO ₂ e |
| Assembly | 7.07 kg CO ₂ e |
| Packaging | 1.01 kg CO ₂ e |
| Per Item | |