

Environmental & Specification Data



OLT/1

Product Description

Designed by Wolfgang C.R. Mezger the expanding monoshell collection epitomises elegant design and refined comfort. It combines its organic form with quality materials to deliver ergonomically engineered comfort. Available in four upholstery styles and six base options.

VOC Emission Tests

This product is tested and is compliant with:

Seating Clean Air Silver
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

N/A

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 14001
- ISO 9001
- ISO 45001
- FIRA Membership
- FISP Full Membership
- Returnable Packaging: CFC & HCFC Free
- FSC® Chain of Custody Certification - Boss Design FSC® - C021884



Product Specification

- 4 Leg Frame
- Plastic Shell and base available in six RAL colours – Black, White, grey, Light Blue, Navy and Coral.
- Painted frame RAL colours are also available in six colours – Black, White, grey, Light Blue, Navy and Coral.

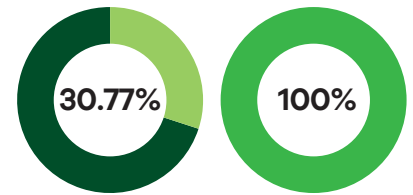
Product Dimensions

- **Height**
830 mm
33 inches
- **Width**
620 mm
24 inches
- **Depth**
460 mm
18 inches
- **Seat Height**
445 mm
17 inches
- **Seat Width**
620 mm
24 inches

Recycled Content Recyclable Content

Disclaimer: This data is based on OLT/1

Numbers may vary based on the exact options selected.



Material Data & Environmental Breakdown

Materials	Weight (kg)	Weight (%)	Recycled Content (%)	Recyclability (%)	Provenance
PP	4.5	69.22	0	69.22	-
Steel	2	30.77	30.77	30.77	-
PP	0.0006	0.01	0	0.01	-
Totals	6.5kg	100%	30.77%	100%	-

CO₂ Measure

11.70 kg CO₂e

N.B. 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.

Materials.....	10.16 kg CO ₂ e
Packaging.....	1 kg CO ₂ e
Energy.....	0.32 kg CO ₂ e
Transportation.....	0.23 kg CO ₂ e

Per Item

Environmental & Specification Data



OLT/2

Product Description

Designed by Wolfgang C.R. Mezger the expanding monoshell collection epitomises elegant design and refined comfort. It combines its organic form with quality materials to deliver ergonomically engineered comfort. Available in four upholstery styles and six base options.

VOC Emission Tests

This product is tested and is compliant with:

Seating Clean Air Silver
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

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 14001
- ISO 9001
- ISO 45001
- FIRA Membership
- FISP Full Membership
- Returnable Packaging: CFC & HCFC Free
- FSC® Chain of Custody Certification - Boss Design FSC® - C021884



Product Specification

- Sled Base
- Plastic Shell and base available in six RAL colours – Black, White, grey, Light Blue, Navy and Coral.
- Painted frame RAL colours are also available in six colours – Black, White, grey, Light Blue, Navy and Coral.

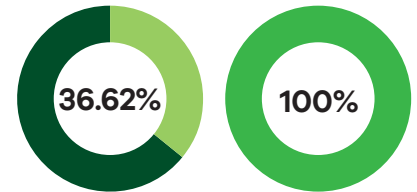
Product Dimensions

- **Height**
830 mm
33 inches
- **Width**
620 mm
24 inches
- **Depth**
460 mm
18.25 inches
- **Seat Height**
445 mm
17.5 inches
- **Seat Width**
455 mm
18 inches

Recycled Content Recyclable Content

Disclaimer: This data is based on OLT/2

Numbers may vary based on the exact options selected.



Material Data & Environmental Breakdown

Materials	Weight (kg)	Weight (%)	Recycled Content (%)	Recyclability (%)	Provenance
PPGF	4.5	63.37	0	63.37	-
Steel	2.6	36.62	36.62	36.62	-
PPGF	0.0006	0.01	0	0.01	-
Totals	7.1kg	100%	0%	100%	-

CO₂ Measure

N.B. 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.

8.13 kg CO₂e

Materials 6.50 kg CO₂e
Packaging 1.26 kg CO₂e
Energy 0.15 kg CO₂e
Transportation 0.22 kg CO₂e

Per Item

Environmental & Specification Data



OLT/3

Product Description

Designed by Wolfgang C.R. Mezger the expanding monoshell collection epitomises elegant design and refined comfort. It combines its organic form with quality materials to deliver ergonomically engineered comfort. Available in four upholstery styles and six base options.

VOC Emission Tests

This product is tested and is compliant with:

Seating Clean Air Silver
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

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 14001
- ISO 9001
- ISO 45001
- FIRA Membership
- FISP Full Membership
- Returnable Packaging: CFC & HCFC Free
- FSC® Chain of Custody Certification - Boss Design FSC® - C021884



Product Specification

- Timber 4 Leg Frame
- Plastic Shell and base available in six RAL colours – Black, White, grey, Light Blue, Navy and Coral
- With its refined slimline design and distinctive silhouette, this beautifully curved multi-purpose chair sits perfectly in the Ola range.

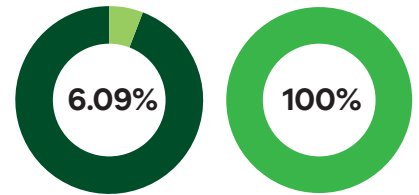
Product Dimensions

- **Height**
830 mm
33 inches
- **Width**
445 mm
17.5 inches
- **Depth**
460 mm
18.25 inches
- **Seat Height**
445 mm
17.5 inches
- **Seat Width**
620 mm
24 inches

Recycled Content Recyclable Content

Disclaimer: This data is based on OLT/3

Numbers may vary based on the exact options selected.



Material Data & Environmental Breakdown

Materials	Weight (kg)	Weight (%)	Recycled Content (%)	Recyclability (%)	Provenance
PP	4.5	61.83	0	100	-
AL	1.344	18.47	33	100	-
OAK	0.386	5.30	0	100	-
OAK	0.386	5.30	0	100	-
OAK	0.331	4.55	0	100	-
OAK	0.331	4.55	0	100	-
Totals	7.5kg	100%	6.09%	100%	-

CO₂ Measure

N.B. 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.

36.07 kg CO₂e

Materials	34.44 kg CO ₂ e
Packaging	1.26 kg CO ₂ e
Energy	0.15 kg CO ₂ e
Transportation	0.22 kg CO ₂ e

Per Item

Environmental & Specification Data



OLT/4/HA/TM

Product Description

Designed by Wolfgang C.R. Mezger the expanding monoshell collection epitomises elegant design and refined comfort. It combines its organic form with quality materials to deliver ergonomically engineered comfort. Available in four upholstery styles and six base options.

Product Specification

- Low 4 Star Base Fixed, Height Adjustable with Tilt Mech
- Plastic Shell and base available in six RAL colours – Black, White, grey, Light Blue, Navy and Coral
- With its refined slimline design and distinctive silhouette, this beautifully curved multi-purpose chair sits perfectly in the Ola range.

Product Dimensions

- **Height**
820-940 mm
32-37 inches
- **Width**
620 mm
24 inches
- **Depth**
540 mm
21 inches
- **Seat Height**
425-545 mm
16.5-21.5 inches

VOC Emission Tests

This product is tested and is compliant with:

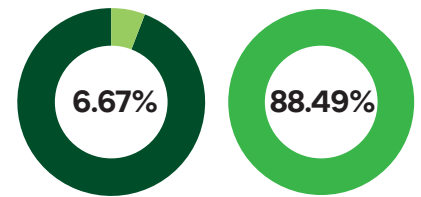
Seating Clean Air Silver
ANSI/BIFMA e3-2019e, Sections 7.6.1, 7.6.2, 7.6.3.



Recycled Content Recyclable Content

Disclaimer: This data is based on OLT/4/HA/TM-B

Numbers may vary based on the exact options selected.



Material Data & Environmental Breakdown

Materials	Weight (kg)	Weight (%)	Material Recycled Content (%)	Material Recyclability (%)	Provenance
PP	4.369	46.95	0%	100%	-
AL226 / STEEL	1.71	18.38	0%	100%	-
PP	0.14	1.50	0%	100%	-
PE	0.0008	0.01	0%	0%	-
STEEL/PP/OIL	1.07	11.50	0%	0%	-
AL226 ALUMINIUM	1.88	20.20	33%	100%	-
PA / STEEL	0.135	1.45	0%	100%	-
Totals	9.8g	100%	6.67%	88.49%	-

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

Product Assets

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

CO₂ Measure

N.B. 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.

54.04 kg CO₂e

Materials52.30 kg CO₂e
Packaging 1 kg CO₂e
Energy..... 0.40 kg CO₂e
Transportation..... 0.35 kg CO₂e

Per Item

Company Certifications & Accreditations

Boss Design have achieved the following standards and accreditations:

- ISO 14001
- ISO 9001
- ISO 45001
- FIRA Membership
- FISP Full Membership
- Returnable Packaging: CFC & HCFC Free
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Declare.

Ola
Boss Design Limited

Final Assembly: Dudley, West Midlands, UK; High Point, North Carolina, USA
Life Expectancy: 15 Years
End of Life Options: Salvageable/Reusable in its Entirety, Take Back Program (Waste to Wonder)

Ingredients:

Polypropylene Steel, Carbonic acid polymer with 4,4'-[1,4-bis(methyleneoxy)phenylene] diisocyanate, PU, Pigment Black 15, Polyethylene

Living Building Challenge Criteria: Compliant

LEED Bid List:

LEED Bid List Free % Disclosed: 100% at 100sqm
LEED Bid List Approved VOC Content: Not Applicable
Declared

LEED Interior Performance: Not Applicable

LEED Responsible Sourcing: Not Applicable

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INTERNATIONAL LIVING FUTURE INSTITUTE™ [livingfutureinstitute.com](#)

Environmental & Specification Data



OLT/5/HA

Product Description

Designed by Wolfgang C.R. Mezger the expanding monoshell collection epitomises elegant design and refined comfort. It combines its organic form with quality materials to deliver ergonomically engineered comfort. Available in four upholstery styles and six base options.

VOC Emission Tests

This product is tested and is compliant with:

Seating Clean Air Silver
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

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 14001
- ISO 9001
- ISO 45001
- FIRA Membership
- FISP Full Membership
- Returnable Packaging: CFC & HCFC Free
- FSC® Chain of Custody Certification - Boss Design FSC® - C021884



Product Specification

- 5 Star Base, Height Adjustable
- Plastic Shell and base available in six RAL colours – Black, White, grey, Light Blue, Navy and Coral
- Custom RAL colours are also available in six RAL colours – black, White, Grey, Light Blue, Navy, Coral
- With its refined slimline design and distinctive silhouette, this beautifully curved multi-purpose chair sits perfectly in the Ola range.

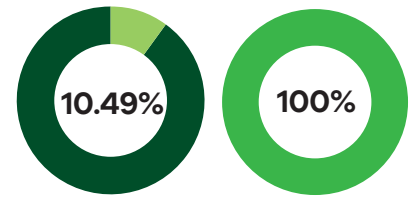
Product Dimensions

- **Height**
760-880mm
30-34.5 inches
- **Width**
620 mm
24 inches
- **Depth**
540 mm
21 inches

Recycled Content Recyclable Content

Disclaimer: This data is based on OLT/5/HA

Numbers may vary based on the exact options selected.



Material Data & Environmental Breakdown

Materials	Weight (kg)	Weight (%)	Recycled Content (%)	Recyclability (%)	Provenance
PP	4.5	53.94	0.00	53.94	-
AL	0.91	10.91	3.60	10.91	-
Nylon	0.0012	0.01	0.00	0.01	-
Steel PP GC	1.08	12.95	0.00	12.95	-
AL	1.7424	20.89	6.89	20.89	-
ANylon	0.1085	1.30	0.00	1.30	-
Totals	10kg	100%	10.49%	100%	-

CO₂ Measure

N.B. 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.

72.82 kg CO₂e

Materials	71.09 kg CO ₂ e
Packaging	1.26 kg CO ₂ e
Energy	0.18 kg CO ₂ e
Transportation	0.29 kg CO ₂ e

Per Item