Ondula by estudi{H}ac-jmferrero

Designed under the concept of "industrial tailoring", Ondula fuses the warmth of noble wood with an enclosing metal chassis that acts as an elegant exoskeleton. Its iconic curved backrest with an armhole-style cut-out evokes the drape of a garment, providing unmatched visual lightness, natural breathability, and an adaptable ergonomics that fluidly accompanies lumbar movement.

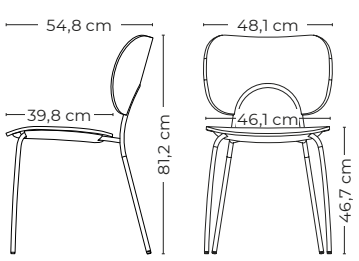
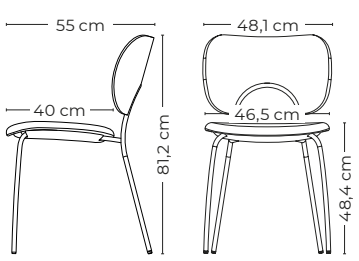
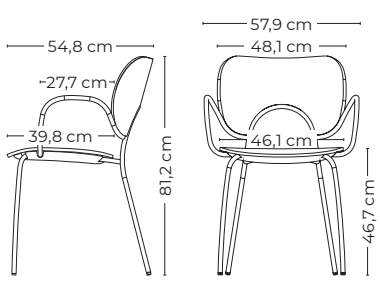
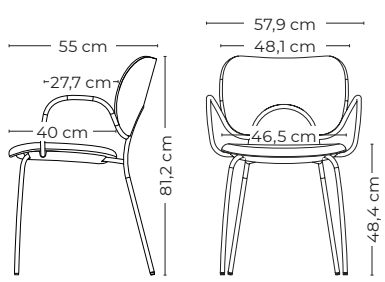
Designed to energize Contract and corporate environments, this piece combines author design with maximum operational functionality. Thanks to its integrated carrying handle, the versatility of its finishes (with option of upholstered seat), and an optimized stacking system with lower technical protection, Ondula offers a robust, versatile, and high aesthetic impact solution for contemporary projects.

Technical data

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Technical specifications

Model	**Ondula** · Multi-purpose chair · 4 metal legs	
Reference	4 metal legs **Without arms**	4 metal legs **Closed arm without armrests**
Backrest	**Beech:** 12 mm beech plywood board with alternately arranged fibers to maximize strength and optimize bending. A high-density mechanized gluing and pressing process to achieve a precise, durable and ergonomic finish. **Light Oak:** Light oak surface on 12 mm beech plywood, structured using alternately arranged sheets to maximize its strength and bending. A high-density mechanized gluing and pressing process to achieve a precise, durable and ergonomic finish. **Walnut:** Walnut surface on 12 mm beech plywood, structured using alternately arranged sheets to maximize its strength and bending. A high-density mechanized gluing and pressing process to achieve a precise, durable and ergonomic finish.	
Backrest & seat	**Beech:** 12 mm beech plywood board with alternately arranged fibers to maximize strength and optimize bending. A high-density mechanized gluing and pressing process to achieve a precise, durable and ergonomic finish. **Light Oak:** Light oak surface on 12 mm beech plywood, structured using alternately arranged sheets to maximize its strength and bending. A high-density mechanized gluing and pressing process to achieve a precise, durable and ergonomic finish. **Walnut:** Walnut surface on 12 mm beech plywood, structured using alternately arranged sheets to maximize its strength and bending. A high-density mechanized gluing and pressing process to achieve a precise, durable and ergonomic finish.	
	Upholstery: Inner structure made of CNC-machined 8.5 mm beech plywood, covered with medium-density polyester foam for optimal comfort. Upholstered in a wide range of fabrics and leathers.	
Arm type	Model without arms	Model with closed arms without armrest.
Structure / Base	Structure made of hot-rolled steel cylindrical tube Ø 16 mm and t= 2 mm with a 90-micron thick epoxy paint coating.	
Bottom structure	Polypropylene lower shell covering the structure.	
Supports	End caps in a black finish with felt silent pad-anti scratch. Optional polypropylene glides chair kit for mats/carpet floors.	
Dimensions	**Total measures:** **Height:** 81,2 cm **Width:** 48,1 cm **Depth:** 54,8 cm **Seat measures:** **Height:** 46,7 cm **Width:** 46,1 cm **Depth:** 39,8 cm	**Total measures:** **Height:** 81,2 cm **Width:** 48,1 cm **Depth:** 55 cm **Seat measures:** **Height:** 48,4 cm **Width:** 46,5 cm **Depth:** 40 cm
		
Dimensions	**Total measures:** **Height:** 81,2 cm **Width:** 57,9 cm **Depth:** 54,8 cm **Seat measures:** **Height:** 46,7 cm **Width:** 46,1 cm **Depth:** 39,8 cm	**Total measures:** **Height:** 81,2 cm **Width:** 57,9 cm **Depth:** 55 cm **Seat measures:** **Height:** 48,4 cm **Width:** 46,5 cm **Depth:** 40 cm
		

Stacking details

The **Ondula** chair allows vertical stacking of up to 5 units in all its variants (plywood or upholstered seat, with or without arms). Its lower shell is specifically designed to preserve fabric integrity, avoiding marks on the upholstery and guaranteeing impeccable durability in high-turnover environments.

Vertical stacking / Without and with arms / Plywood or upholstered seat



Finishes available · Ondula

Structure

Metal

White | Black | Ivory | Terracotta | Sage Green | Bronze | Copper | Titanium

Backrest finish

Plywood

Lacquered beech | Lacquered oak | Lacquered walnut

Seat finish

Plywood

Lacquered beech | Lacquered oak | Lacquered walnut

Upholstery

Fabric AE · Era

AE69 | AE62 | AE44 | AE37 | AE92 | AE84 | AE82 | AE21 | AE16 | AE14 | AE08

Fabric AI · Radio

AI66 | AI53 | AI58 | AI44 | AI42 | AI90 | AI89 | AI25 | AI23 | AI13 | AI08

Fabric AO · Tonal

AO62 | AO59 | AO34 | AO90 | AO16 | AO08

Fabric BV · Valencia

BV19 | BV18 | BV13 | BV12 | BV15 | BV11 | BV21 | BV20 | BV17 | BV10

Fabric CM · Step & Step Melange

CM62 | CM76 | CM46 | CM58 | CM91 | CM77 | CM93 | CM92 | CM90 | CM16 | CM12

CM19 | CM63 | CM17 | CM49 | CM10 | CM89 | CM20 | CM14 | CM22

Fabric BV · Valencia

BC68 | BC49 | BC34 | BC99 | BC21 | BC05

Fabric FA · Synergy

FA16 | FA13 | FA18 | FA25 | FA27 | FA11 | FA17 | FA20 | FA22

Leather GP
Babel

GP10

Fabric AC · Chili

AC69 | AC65 | AC61 | AC54 | AC58 | AC36 | AC82 | AC89 | AC21 | AC16 | AC11 | AC08

Fabric BE · Velvety FR

BE66 | BE65 | BE53 | BE49 | BE46 | BE34 | BE91 | BE90 | BE25 | BE23 | BE14 | BE11

Fabric AP · Moss

AP66 | AP65 | AP49 | AP44 | AP36 | AP94 | AP92 | AP85 | AP24 | AP23 | AP14 | AP11

Fabric FR · Remix 3

FR66 | FR69 | FR65 | FR47 | FR82 | FR84 | FR93 | FR26 | FR21 | FR20 | FR14 | FR11

Fabric FS · Steelcut Trio 3

FS67 | FS16 | FS18 | FS10 | FS15 | FS90 | FS83 | FS11 | FS23 | FS17 | FS12 | FS14

Fabric FH · Hallingdal 65

FH66 | FH65 | FH43 | FH34 | FH37 | FH89 | FH22 | FH20 | FH16 | FH14 | FH06 | FH08

Leather GP · Babel CD

GP66 | GP47 | GP41 | GP32 | GP73 | GP89 | GP21 | GP25 | GP28 | GP30 | GP14

Packs, weights & volumes

Model	Packs	Weights	Volumes
	↓	↓	↓
Ondula Multi-purpose chair 4 metal legs	1 Pack / 1 unit	**6,74 kg** (packs 1 unit)	**0,277 m³**
	1 Pack / 2 units	**13,44 kg** (packs 2 units)	**- m³**

Ecodesign

	Ondula · Multi-purpose chair · 4 metal legs
Recycled materials	High
Production	100%
Transportation	100%
Use	Easy
Disposal	High

Recycled materials: Maximum use of materials to eliminate waste and minimize residues. Use of recyclable materials and recycled materials in components that do not affect functionality and durability. **Production:** Maximum optimization of energy use. Minimum environmental impact. State-of-the-art technological systems. Zero wastewater discharge. VOC-free coatings. Processes free of heavy metals, phosphates, OC and COD. **Transport:** Dismountable systems. Volumes that facilitate space optimization. Maximum reduction of energy consumption for transport. **Use:** Quality and guarantee. Long useful life. Possibility of substitution and replacement of elements. **Disposal:** Waste reduction. Reuse system of supplier-manufacturer packaging. Easy separation of components. Solvent-free water-based printing inks on packaging.

Regulations & EPD

Ondula has passed the tests carried out in our laboratory and the tests performed at the Instituto Tecnológico del Mueble (AIDIMME) corresponding to the standards:

Regulations	Description

Certificates

The different programs allow points to be obtained in different environmental categories, referring to sustainable plots, materials and resources, efficiency in water, energy and atmosphere, indoor environmental quality, and innovation and design, which are applied to a building in order to obtain LEED certification.

Leed Certificate Platinum

Well Certified™ Platinum

Certified B Corporation

The mark of responsable forestry

AENOR ECODESIGN ISO 14006 2020

AENOR QUALITY MANAGEMENT ISO 9001 2015

IQNET

AENOR ENVIRONMENTAL MANAGEMENT ISO 14001 2015

IQNET