

Whass Stool

by Nacar Strategic Design Agency

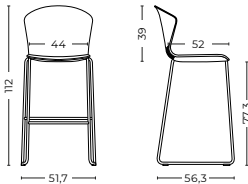
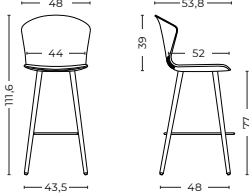
The Whass structure was designed and produced for heavy use in flexible environments. Its polypropylene frame is combined with structures that include steel, aluminium and wood, depending on the model. With an informal and elegant profile, it is designed for contemporary spaces. A wide selection of colours, finishes and structures allows for versatile, flexible use.

Whass offers a complete and diverse product range. It covers different uses and spaces using a single monoblock frame that can be combined with different structures. It is thus possible to create a variety of options for bothwork spaces and contract spaces -wooden legs, stools and benches-.

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Technical specifications

Model	Whass · Stool · Metal cantilever	Whass · Stool · 4 beech wooden legs
Reference	Metal cantilever Without arms	4 beech wooden legs Without arms
Backrest	High backrest	
Backrest & seat	Plastic shell: Ergonomically shaped one-piece shell made of 5 mm thick polypropylene (PP) with glass fibre. Seat pad: Optional seat with ergonomic upholstery offered in textured PUR padding of 280 kg/m3 density or upholstered with internal foam (110 - 120 kg/m3).	
Lower structure	Bottom structure: 24,5 x 12 mm ovale steel tube bars, 2 mm thick. Lower polypropylene frame covering the structure.	Bottom frame of injected aluminum, which gives the chair greater precision, lightness & recyclability, covering the structure.
Structure / Base	Structure made with cylindrical hot-rolled steel tubes, Ø16mm and e=2 mm, with a 90-micron thick epoxy paint coating.	Wooden legs with a conical shape in a natural beech wood or black lacquered finish.
Footrest	Ø13x2 mm hot-rolled steel cylindrical tube footrest. Protector for placing feet on chairs with a painted structure.	Ø13x2 mm hot-rolled steel cylindrical tube footrest. Black finish.
Supports	End caps in a black finish with felt silent pad-anti scratch. Optional polypropylene glides chair kit for mats/carpet floors.	
Dimensions	<p>Total measures: Height: 112 cm Width: 51,8 cm Depth: 56,3 cm</p> <p>Seat measures: Height: 77,3 cm Width: 44 cm Depth: 52 cm</p>	<p>Total measures: Height: 111,6 cm Width: 48 cm Depth: 53,8 cm</p> <p>Seat measures: Height: 77,3 cm Width: 44 cm Depth: 52 cm</p>
		

Whass stools **CANNOT BE STACKED**.

Finishes available · Whass

Structure

Metal

White

Black

Ivory

Terracotta

Sage Green

Beech wood

Natural beech

Black beech

Finishes available · Plastic shell

Plastic

White

Grey

Black

Mustard

Pistachio

Light blue

Tile red

Upholstery type · Pad finish · optional

POLYURETHANE

Grey

Black

UPHOLSTERED

Fabric AT · Basic F.R.

AT87

AT89

AT61

AT58

AT37

AT77

AT85

AT27

AT70

AT64

AT84

AT82

Fabric BU · Laguna

BU17

BU19

BU24

BU23

BU21

BU15

BU22

BU20

BU25

BU14

BU12

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 AD · Felicity

AD18

AD13

AD16

AD14

AD11

AD21

AD22

AD15

AD12

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 FA · Synergy

FA16

FA13

FA18

FA25

FA27

FA11

FA17

FA20

FA22

Fabric AC · Chili

AC69

AC65

AC61

AC54

AC58

AC36

AC82

AC89

AC21

AC16

AC11

AC08

Structure combinations available

Stool · Metal cantilever

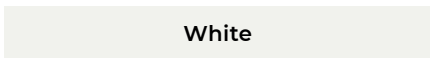
Metal cantilever



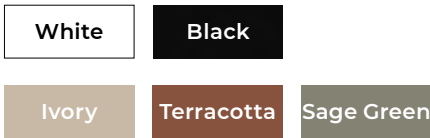
Plastic shell



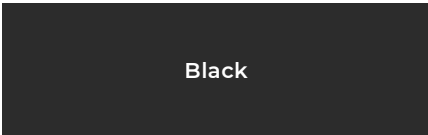
Lower cover



Structure



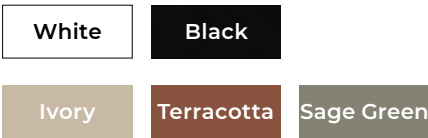
Plastic shell



Lower cover



Structure



Plastic shell



Lower cover



Structure



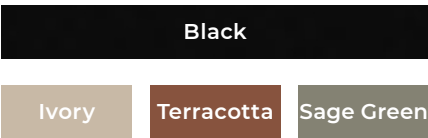
Plastic shell



Lower cover



Structure



Stool · 4 beech wooden legs

4 beech wooden legs



Lower cover



Lower cover



Structure



Packs, weights & volumes

Modelo		Packs	Weights		Volumes	
		↓	Without pad ↓	With pad ↓	Without pad ↓	With pad ↓
WH14B76		1 Pack / 2 units	8,79 kg (pack de 2 units)	9,65 kg (pack de 2 units)	0,140 m³	0,140 m³
WH14B72		1 Pack / 1 unit	11,16 kg (pack de 1 unit)	11,96 kg (pack de 1 unit)	0,313 m³	0,313 m³

Ecodesign

	Whass · Cantilever	Whass · 4 wooden legs
Recycled materials	34,41%	50,09%
Production	100%	100%
Transportation	100%	100%
Use	Easy	Easy
Disposal	54,08%	50,34%

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

Whass 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
UNE-EN 16139:2013vc2015	Furniture. Strength, durability and safety. Requirements for non-domestic seating.

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.

