

# AS100

# HOWE

## PRODUCT DESCRIPTION



DESIGNED BY ANDREAS STÖRIKO 2020

# AS100

The AS100 swivel chair is smart, comfortable, and at a quality level that makes it stand out. It is part of a product family of nesting chairs and tables, called AS series and designed by the successful German designer Andreas Störiko. The AS100 meets the growing need for flexible spaces and agile processes, providing mobility and freedom to arrange work, study, and meeting setups at your will. Due to its patented nesting ability and mobile castor base, the AS100 can be moved across the aisle, stacked into the storage room or into the lift by just one person.

## DESCRIPTION

AS100 is a swivel chair offering unsurpassed mobility with its nesting ability and castor base. It offers classic and elegant lines while optimizing space in both use and storage. Designed for a wide range of uses, hereunder, work, meeting, study, dining.

AS100 is FSC® certified.

## PRODUCT DETAILS

### SHELL

All versions are FSC® certified. The upholstered shell consists of a pressed veneer core. Veneer thickness is 11 mm / 0.43". In the upper back of the upholstered shell there is a groove in the cushioning serving as a grip for manoeuvring and lifting the chair for nesting.

### ARMRESTS

AS100 is available with and without armrests. The armrest comes in polished aluminium and in powder coated aluminium.

### FRAME

#### 4-STAR BASE

Slightly twisted cast aluminium Ø700 mm / Ø27.6" 4-star castor base. Finish comes in polished aluminium and black or satin black powder coated aluminium.

As standard the chosen colour for the base also applies for armrests and seat frames. The design of the base is slightly twisted which gives it character and an elegant appearance. The base mirrors the base on the tables and gives the AS series a harmonious design language.



The swivel mechanism is a return swivel with four positions – one for every 90° of spin. This serves the purpose for the base to be in a position where it nests perfectly into another chair base. For this nesting purpose also, the chair does not come with height-adjustment.

The seat frame that fixes the shell to the base is high pressure die-cast aluminium. The mechanism which allows the shell to be lifted for nesting into another chair has two small gas cylinders, that makes the lift smooth and effortless.

The base has rubber bumpers which protect the chair from scratches and noise both when lifting and nesting the chair. This gives a unique and high-quality user experience of AS100.

#### **CASTORS**

The 4-star base has four black castors Ø60 mm / 2.36". Material is PA6 and PP. Soft lane castors are optional - material TPU.

The standard castors are weight activated brake castors – meaning you have to put weight on the seat to make the chair roll freely. This is a security precaution to avoid the chair rolling away when someone tries to sit on it.

## **UPHOLSTERY**

The upholstery is in fabric, trevira, microfiber, leather, or PU. The shell is fully upholstered on front and back. As standard the cushioning is fire retardant CMHR polyurethane foam BS 5852 / CAL 117 compliant polyurethane foam.

Foam thickness is 13 mm / 0.512" on the front and 10 mm / 0.39" on the back. Foam density is 37 kg/m<sup>3</sup> / 3.31 lb/ft<sup>3</sup> on the front and 60 kg/m<sup>3</sup> / 3.75 lb/ft<sup>3</sup> on the back.

## **HORIZONTAL STACKING CAPACITY**

AS100 stacks horizontally as many chairs as wanted. Lift the seat and link the chairs together with the use of an integrated nesting magnet. Also, there is no limit for number of chairs which can be pushed together.

If one person is maneuvering the stack around, we recommend maximum five chairs stacked and handled at once. If two people handle the stack of chairs together, there can easily be more chairs in the stack. This is applicable for versions both with and without armrests.

#### **REQUIRED FLOOR SPACE**

Side chair: 0,39 sq. metres / 604.5 sq. inches floor space.

Armchair: 0,39 sq. metres / 604.5 sq. inches floor space.

Five side chairs stacked: 0,89 sq. metres / 1 379.51 sq. inches floor space.



## DIMENSIONS AND WEIGHT

### DIMENSIONS

Depth of chair:	700 mm / 27.6"
Width of chair:	700 mm / 27.6"
Height of chair upholstered - folded:	910 mm / 35.8"
Height of chair upholstered – unfolded:	1110 mm / 43.7"
Width of chair with armrest:	700 mm / 27.6"
Armrest height:	715 mm / 28.2"
Seating height upholstered:	525 mm / 20.7"
Console diameter:	Ø700 mm / Ø27.6"

### WEIGHT

Side chair upholstered: 11,1 kg / 24.5 lb.

Armchair upholstered: 12,0 kg / 26.5 lb.

## ERGONOMICS & ENVIRONMENT

The AS100 shell is anatomically shaped for comfortable and ergonomic seating. The horizontal stacking as well as the easy rolling castors make it a zero-weight solution where the chairs can be managed and stacked in an ergonomically correct manner. Managing the chair involves no lifting at all as it does with vertical stacking.

The AS100 is FSC® certified as standard, meaning the timber used originates from sustainable forestry. The chair is produced according to ISO14001 standards. Besides, it is designed for disassembly and can easily be repaired and refurbished.

## TESTS

The chair is designed for severe contract use and has been subject to a variety of tests to ensure its highest quality and durability.

The furniture is tested by third-party organizations and passed testing according to the required EN and BIFMA standards, staying also in line with strict emission regulations.

All the certificates are available for access and download [here](#).

## WARRANTIES

HOWE a/s gives a 10-year warranty on all AS100 chairs against weld breakages, defective material, workmanship, and performance under normal use.

For full information please see the warranty provision on [howe.com](http://howe.com)

## PACKAGING

4-star base with castors, side chair:  
1, 2 or 4 pcs per carton.

4-star base with castors, armchair:  
1, 2 or 4 pcs per carton.





