



DESIGN BY MORTEN NIKOLAJSEN 2014

HOWE.COM/MN1

MN1

MN1 is a meeting and conference chair with a distinct design by the successful Danish designer Morten Nikolajsen. An exposed veneer back frame gives MN1 character and the opportunity of harmonizing the chair with a veneer tabletop for an exclusive look. With focus on comfort and classic lines MN1 is ideal for a wide range of uses; seminar and conference rooms, meeting rooms as well as auditoria. MN1 is available with an X-base, a 5-star base and a cantilever base and in two different back heights. Both versions are available with and without an elegantly designed armrest angled for superb ergonomic seating.



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HOWE



DESCRIPTION

MN1 is a meeting and conference chair focusing on comfort and classic lines. Designed for a wide range of uses. MN1 is FSC certified.

PRODUCT DETAILS

SEATS

Upholstered seat with 40 mm foam thickness. Waterfall front for ergonomic seating.

BACKS

The back consists of a pressed veneer frame. Thickness is 20 mm. Anatomically shaped for ergonomic seating. The back comes in two different heights; normal back and high back. As standard the back is upholstered in black/grey mesh fabric. The back can also be front upholstered in fabric or leather. The frame will always be visible.

Standard back frame finishes: Oak, black stained oak, or walnut stained oak.

ARMRESTS

MN1 is available with and without armrests. The armrests are a twisted design angled for ergonomic seating. The material is polished aluminium. Armrests powder coated in black are optional. The armrests also come with a thin banded veneer sheet glued onto the aluminium armrest. Thickness is 4 mm. Standard veneer armrest finishes: oak, black-stained oak, or walnut-stained oak. The veneer sheets are also available upholstered with 2 mm foam thickness in fabric or leather. All armrests are retrofittable.

FRAMES

X-BASE

High pressure die-cast aluminium X-base, Ø680 mm. Finish comes in polished aluminium. Black powder coating is optional. The X-base is slim and is 11 mm at the thinnest point. The X-base is height adjustable with a slim steel gas cylinder, Ø40 mm. 100 mm height-adjustment span. As standard the gas cylinder is chromed steel finish, but is also available in black.

5-STAR BASE

High pressure die-cast aluminium Ø660 mm 5-star base. Finish comes in polished aluminium. Black powder coating is optional. Castors in black plastic. Soft lane castors as an option. The 5-star base is in flat design. It is height adjustable with an Ø50 mm steel gas cylinder. 100 mm height adjustment. As standard the gas cylinder is chromed steel finish, but is also available in black.



The X-base and 5-star base both has a tilt mechanism. The mechanism is made of premium aluminium and the finish is black powder-coating. The tilt moves from 7° backwards to 4° forwards. The mechanism can be locked in its 3° backward standard position by pushing the button centered under the mechanism. Height adjustment is done by vertical actuation of the height adjustment lever. The plastic cover underneath the seat is black PP.

A return swivel mechanism is optional for the X-base version. If chosen, seating height is fixed.

The X-base version will be delivered seat and gas cylinder a part and is easy to assemble with a simple plug in.

CANTILEVER

High quality steel cantilever base. Round steel tube Ø25 x 2,5 mm gauge. Finish comes in chrome³ (min. 20 µ). Powder coated in black is optional. MN1 with cantilever base is stackable up to 5 chairs. Plastic cover underneath the seat is in black PP. The cantilever version has a natural and controlled back flexure.

GLIDES

4 round glides on cantilever. Material is black PA6, Ø20 mm. 6 mm high.

4 rectangular glides on X-base chair in black PA6, 40 mm x 10 mm x 4 mm.

Felt glides is an option for both the cantilever version and X-base version. Felt glides for cantilever is 9 mm high and for X-base it is 7 mm high.

CASTORS

5 black castors Ø60 mm on 5-star base. Material is PA.

UPHOLSTERY

The upholstery is in fabric, trevira, microfibre, leather, or PU. The seat is fully upholstered and the back is front upholstered and the back frame is therefore always visible. As standard the cushioning is fire retardant CMHR polyurethane foam. Foam thickness is 40 mm on the seat, 10 mm on the back and 2 mm on the armrests. Foam density is 65 kg/m³ on the seat, 50 kg/m³ on the back, and 45 kg/m³ on the armrests. The foam is oeko-tex certified.



STACKING CAPACITY

MN1 with cantilever base is stackable up to five chairs on floor in height of 1220 mm (normal back height). This is applicable for versions with and without armrests.
 MN1 with cantilever base is stackable up to five chairs on dolly in height of 1325 mm (normal back height). This is applicable for versions with and without armrests.
 MN1 with X-base and 5-star base is not stackable.

REQUIRED FLOOR SPACE

Cantilever normal back without armrests: 0,38 sq. metres floor space.
 Cantilever high back without armrests: 0,40 sq. metres floor space.
 Cantilever normal back with armrests: 0,46 sq. metres floor space.
 Cantilever high back with armrests: 0,47 sq. metres floor space.

DIMENSIONS AND WEIGHT

DIMENSIONS

	X-BASE NORMAL BACK	X-BASE HIGH BACK	CANTILEVER NORMAL BACK	CANTILEVER HIGH BACK	5-STAR BASE NORMAL BACK	5-STAR BASE HIGH BACK
Depth of chair:	570 mm	615 mm	575 mm	620 mm	640 mm	640 mm
Width of chair:	485 mm	485 mm	480 mm	480 mm	640 mm	640 mm
Height of chair:	855-945 mm	1055-1145 mm	890 mm	1085 mm	875-985 mm	1055-1165 mm
Width of chair with armrest:	570 mm	570 mm	570 mm	570 mm	640 mm	640 mm
Armrest height:	645-735 mm	645-735 mm	680 mm	680 mm	770-880 mm	770-880 mm
Veneer armrest height:	649-739 mm	649-739 mm	684 mm	684 mm	774-884 mm	774-884 mm
Upholstered armrest height:	651-741 mm	651-741 mm	686 mm	686 mm	776-886 mm	776-886 mm
Seating height:	450-540 mm	450-540 mm	480 mm	480 mm	465-575 mm	465-575 mm
Console diameter:	Ø485 mm	Ø485 mm			Ø640 mm	Ø640 mm

WEIGHT

X-base normal back: 10,5 kg
 X-base normal back with armrests: 11 kg
 X-base high back: 10,9 kg
 X-base high back with armrests: 11,4 kg
 Cantilever normal back: 9 kg
 Cantilever normal back with armrests: 9,5 kg
 Cantilever high back: 9,4 kg
 Cantilever high back with armrests: 9,9 kg
 5-star normal back: 10,7 kg
 5-star normal back with armrests: 11,2 kg
 5-star high back: 11,1 kg
 5-star high back with armrests: 11,6 kg



ACCESSORIES

TRANSPORT DOLLY with capacity of 5 side chairs or armchairs per unit.
Single dolly (15,5 kg).

ERGONOMY & ENVIRONMENT

MN1 has a waterfall front for ergonomic seating. In addition, the back is anatomically shaped for comfortable and ergonomic seating. The stacking of the cantilever version is ergonomically correct as the chairs only have to be lifted low to slide from front.

The seats, backs, armrests, frames, and chroming are all produced according to ISO14001 standards. MN1 is FSC certified and the chrome is trivalent chrome (chrome3).

TESTS

The chair is for severe contract use. The chair has been tested to EN 16139:2013, EN 1022:2005, and ANSI/BIFMA X5.1-2011 for strength and durability which is the highest test level. The certificates can be downloaded at www.howe.com.

WARRANTIES

HOWE a/s gives a 5 year warranty on all MN1 chairs against weld breakages, defective material, workmanship and performance under normal use. For full information please see the warranty provision on howe.com.

PACKAGING

X-base and 5-star base, normal back: 3 per carton

X-base and 5-star base, normal back with armrests: 3 per carton

X-base and 5-star base, high back: 3 per carton

X-base and 5-star base, high back with armrests: 3 per carton

Cantilever normal back: 4 per carton

Cantilever normal back with armrests: 4 per carton

Cantilever high back: 3 per carton

Cantilever high back with armrests: 3 per carton