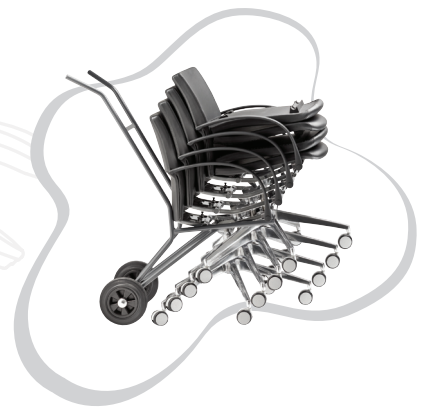




DESIGN BY JUSTUS KOLBERG & ERIK SIMONSEN 2004 • WWW.HOWE.COM/MOTIO

MOTIO

Motio is a seating collection developed in harmony with Moveo tables and intended specifically for meeting, training and conferencing applications. All models are based on the same design platform - functionally and aesthetically. This guarantees a coherent, elegant look throughout any company. The seat and back is equipped with an innovative mini synchro-mechanism, which ensures a high degree of comfort. Cantilever, 4-leg and swivel base options can all stack. Motio won gold in the Best of NeoCon Award in 2005.



HOWE



DESCRIPTION

Stackable chair for long-term seating in five different versions. For meeting, training, visiting and conference use.

PRODUCT DETAILS

SEATS

3 mm injection moulded plastic (ABS). Black, softly textured “rubber coating”. Waterfall front for ergonomic seating. Seat demountable for easy maintenance.

BACKS

3 mm injection moulded plastic (ABS). Black, softly textured “rubber coating”. Anatomically shaped for ergonomic seating.

FRAMES

VISITOR: 4-LEGGED FRAME WITH CURVED ARMREST

Elliptical steel legs 35 x 20 x 1,5 mm gauge. Steel frame and high-pressure die cast aluminium back support (norm DC12). Finish comes in chrome (min. 20 µ) and polished aluminium. Removable stacking pillow in black ABS mounted underneath the seat. Curved armrest in softly textured black “rubber coating”. Straight armrest in softly textured black “rubber coating” optional.

MEETING: CANTILEVER FRAME WITH CURVED ARMREST

Tapered high pressure die cast aluminium base (norm DC12). Elliptical steel legs 35 x 20 x 1,5 mm gauge. Steel frame and high-pressure die cast aluminium back support (norm DC12). Finish comes in chrome (min. 20 µ) and polished aluminium. Removable stacking pillow in black ABS mounted underneath the seat. Curved armrest in softly textured black “rubber coating”.

CONFERENCE: 5-STAR FRAME

Tapered high pressure die-cast aluminium 5-star base, frame support, and back support (norm DC12). Steel frame. Finish comes in chrome (min. 20 µ) and polished aluminium. Always with shock absorber for instant comfortable seating. Curved armrests in softly textured black “rubber coating” optional. Stack protection star in transparent PVC, shore 75.



WORK: HEIGHT ADJUSTABLE 5-STAR FRAME

Tapered high pressure die-cast aluminium 5-star base, frame support, and back support (norm DC12). Steel frame, steel arm and slim steel gas cylinder. 130 mm height-adjustment span. Finish comes in chrome (min. 20 µ) and polished aluminium. Curved armrests in softly textured black “rubber coating” optional.

GLIDES & END CAPS

End caps on 4-legged Visitor chair in black PA/nylon. Long glide on cantilever Meeting chair in black PA. Glides on 5-star Conference and Work chairs in black PA/nylon, Ø59 mm, height 40 mm.

CASTORS

Standard on 5-star Conference and Work chair, diameter Ø65 mm. Castor core in grey PA. Wheels in black, softened PU. Castor core in black PA optional. Option of multidirectional castors with integrated brakes with castor core in black PA and wheels in black softened PU.

MECHANISM

The torsion bar ensures in sync movement. The back and seat move in proper relation for correct support in all positions. The torsion bar, Ø24 mm is an integrated part of the frame. The torsion bar with three concealed springs allow flexing of the back up till 10 degrees.

On Conference, Work and Visitor chairs with curved arm rests, the flexing is 10 degrees. On the Meeting chair, chairs with straight arm nests and chairs without arm rests the flexing is 7 degrees.

UPHOLSTERY

The upholstery is in fabric, microfibre, leather or PU. Lower part of the outer back is always in black softly textured “rubber coating”. The foam is fire retardant moulded PUR foam, DIN 5510, S4, and TL 918433 according to Deutsche Bundesbahn. Density: Seat 55 kg/m³, back 55 kg/m³.

Thickness: Seat 20 mm, back 20 mm.

When optional extra cushioning on seat, the thickness is 40 mm.



STACKING CAPACITY

4 Conference chairs and 5 Meeting and Visitor chairs can be stacked on chair transporter. Stacking of Conference chairs requires demounting of seat, which is an easy operation.

DIMENSIONS AND WEIGHT

DIMENSIONS

GENERAL

Width of seat 450 mm.

Depth of seat 470 mm.

Width of back 450 mm.

Height of chair 875 mm.

Curved armrest height: 670 mm.

SEATING HEIGHT

All models: Seating height, upholstered version: 465 mm.

Conference & Work model: Seating height, plastic version: 465 mm.

Visitor & Meeting models: Seating height, plastic version: 445 mm.

CHAIR DEPTH AND WIDTH

Meeting and Visitor chair: 500 mm depth.

Visitor with straight armrests: 534 mm width.

Visitor with curved armrests: 590 mm width.

Conference and Work chair: Ø630 mm 5-star.

WEIGHT

Visitor, 4-leg, straight armrests, upholstered: 12,4 kg.

Visitor, 4-leg, curved armrests, upholstered: 12,2 kg.

Meeting, cantilever, curved armrests, upholstered: 13,1 kg.

Conference, 5-star, side chair, upholstered: 13,4 kg.

Conference, 5-star, curved armrests, upholstered: 14,0 kg.

Work, 5-star, side chair, upholstered: 14,4 kg.

Work, 5-star, curved armrests, upholstered: 15,0 kg.



ACCESSORIES

CHAIRTRANSPORTER for Conference, Meeting and Visitor chairs. Steel construction in HOWE grey powdercoating. Stacks 4 Conference chairs and 5 Meeting and Visitor chairs.

ERGONOMY & ENVIRONMENT

The back and seat move in proper relation for correct support in all positions.

Seat with waterfall front for ergonomic seating, not restricting blood circulation.

Anatomically shaped back for ergonomic seating.

The Manufacturing process is made according to ISO14001 standards.

All parts of the chair can be dismantled and recycled.

TESTS

Cold liquid test EN 12720, 1997 on black "rubber coated" ABS, PP and PA parts: Water: class. 5, Paraffin oil: class. 5, Coffee: class. 4. Scratch test SIS 83 91 17, 1973 with no penetration through the surface coverings and coatings. EN 13761 strength and durability test pending.

WARRANTIES

HOWE a/s gives a 5 years guarantee on all Motio chairs against weld breakages, defective material, workmanship and performance under normal use. The guarantee is valid as from date of shipment. The HOWE warranty becomes invalid, if the product exhibits signs of abuse or improper handling or other physical damage. The HOWE warranty excludes those parts, which are subject to normal wear and tear in use.

AWARDS

2005 Gold Award in "Best of NeoCon", Chicago.