

black dot product family

Swivel chair, four-leg version, cantilever chair

black dot always has an activating effect wherever it is used. The dorsokinetic backrest and the new air- and moisture-permeable upholstery provide maximum comfort and freedom of movement when sitting.

The design exemplifies the same high standards. black dot's lines, colour concept and design details give any room a personal touch – whether individually or as an ensemble of swivel chair, four-leg version and cantilever chair. In short: black dot is a milestone of the new emotional office culture.



Performance features



Similar mechanism

Natural relief of muscles/discs and activation of natural metabolic processes through Similar mechanism (opening angle of 32°) with a sequence of movement synchronous with the body. Optional seat tilt adjustment up to -4°.



Backrest

2 backrest heights with patented dorsokinetic suspension of the backrest synchronously follow and support all backward and sideways movements. The integrated, height-adjustable (80 mm) lumbar support ensures optimum pressure distribution when leaning back. The lumbar support is always in the correct position.



Seat surface, patented depth adjustment (60 mm)

Anatomically shaped seat surface with seat pan and rising pelvis support for secure support. The seat surface enables the correct position of the pelvis and avoids unconscious "sliding forward". Because of the patented depth adjustment the seat surface is always in the right position relative to the backrest and achieves a high level of seating comfort regardless of user size.

Sedo Lift mechanism

Seat height adjustment with patented, long-lasting and non-wearing mechanism allows full suspension of the body weight even in the bottom seat position (about 55 mm deflection). Practically non-wearing, never fails, no need to change gas spring.



Multifunction armrests

3D adjustable plastic armrests (height/depth/width) for optimum support of the forearms against tension in the shoulder and arm muscles. To adjust the clear width, by overcoming a resistance the armrest pads can be rotated by 180°.

Neck support (bd-103)

Height- and tilt-adjustable neck support for optimum support of the neck muscles when the upper body is leaned right back. Comfortable sitting-lying position possible.

Certificates of performance



Programme overview: Swivel chairs



bd-100

bd-102

bd-103

Basic features: Swivel chairs

Similar mechanism

Similar-Plus mechanism with pre-selectable backrest opening angle is lockable in any position up to 32° (18 different settings). Adaptation to different users' body weights with quick adjustment (backrest pressure 450 to 1.200 N or 550 to 1.500 N). Synchronous ratio between seat and backrest 1:2.7. Recommended for user weights up to: 120 kg.

Seat height adjustment

Full suspension of the body weight even in the bottom seat position with the Sedo Lift mechanism with mechanical locking. Practically non-wearing, never fails, no need to change gas spring. Height adjustment from 420 mm to 550 mm

Seat

Anatomically shaped seat surface with pelvis support, seat pan and rounded front edge of seat. Upholstery thickness 50 mm around the ischial tuberosities; 50 mm at front seat edge.

Backrest

Backrest support and backrest are joined together by a dorsokinetic joint and allow significantly increased freedom of movement. This means an additional degree of freedom is possible of 15° for backward movements and of 8° for lateral movements of the upper body. Integrated lumbar support is height-adjustable by 80 mm.

Armrests

Height-adjustable plastic armrests (from 200 mm to 300 mm).

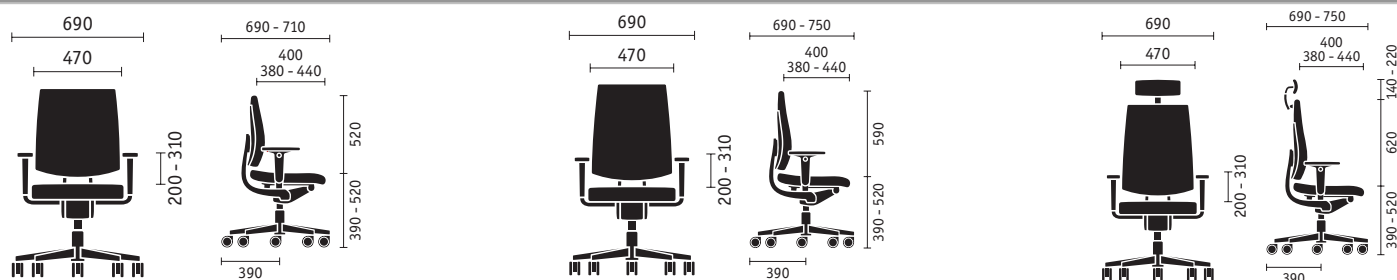
Star base and castors

Sleek black powder-coated aluminium star base with hard castors (65 mm diameter).

Optional

Seat tilt adjustment (-4°)
Multifunctional 3D armrests with Softtouch surface or leather cover (swivels by 180 degrees for a clear width of 445 mm to 510 mm (65mm), height-adjustable from 200 mm to 310 mm)
Aluminium base powder-coated (white aluminium) or polished aluminium
Soft castors for hard floors
Leather-covered neck support (for bd-103) with height and tilt adjustment.
Adjustment range: vertically by 80 mm, tilt by 25°.

Dimensions: Swivel chairs



Programme overview: Visitor's chairs



bd-220



bd-233

Basic features: Visitor's chairs

- Seat** Seat upholstery in polyether foam is air- and moisture-permeable at the sides. Seat pan, rising pelvis support, consistent upholstery thickness of 50 mm.
- Backrest** Backrest in polypropylene is air- and moisture-permeable at the sides, with an upholstery thickness of 40 mm at the lumbar point.
- Armrests** Black armrests in polypropylene.
Dimensions: 215 mm x 55 mm
bd-220 elegant connections from the armrests to the frame
bd-233 Armrests integrated in the frame
- Frame** Black powder-coated steel frame
bd-220 Steel tube, diameter 22 mm, thickness 2 mm
 always stackable (up to 5 chairs high) with stainless steel glides
bd-233 Steel tube, diameter 25 mm, thickness 2 mm

- Optional** Steel frame powder-coated in white aluminium or chrome-plated
 (at least 20 to 25 µ chrome thickness)
 Plastic glides
 Felt glides
- bd-233 stackable (up to 5 chairs)

Dimensions: Visitor's chairs

