

## ON.®

### 170 range. Technical details.

#### Function

Swivel chairs with Trimension®, synchronous, three-dimensional kinematics that encourages three-dimensional dynamic sitting. The coordinated interaction of mechanics, seat and back automatically adapts to the user – whatever the posture or motion involved. The supporting counterpressure is quickly and infinitely adjustable in any direction (a max. of 4.5 rotations) in a weight range of 45–120 kg. Backrest height adjustable by up to 60 mm ( $2\frac{3}{8}$ " ) in six lockable positions. Backrest and seat can be locked in the front sitting position. The seat height is infinitely adjustable between 400 mm ( $15\frac{3}{4}$ " ) and 520 mm ( $20\frac{1}{2}$ " ) with a DIN 4550-compliant gas lift. All models optionally available with seat depth adjustment of 400–450 mm ( $15\frac{3}{4}$ " –  $17\frac{3}{4}$ " ). Conference and visitor chairs with Trimension, on request with pivotable column not height adjustable, alternatively as four-legged type or cantilever chair, optionally stackable.

#### Frame

##### Swivel chairs

Five-star base, optionally with black, through-dyed plastic, or die-cast aluminium, coated (black or silver satin finish), polished or bright chrome plated. Load-dependent braking, twin wheel swivel castors made of black polyamide in accordance with DIN EN 12529 as standard types for carpets; with grey soft polyurethane facing for hard floors. Castors optionally electrically conductive. Mechanism cover made of die-cast shot blasted aluminium, optionally coated in black or silver satin finish, with top cover made of black or through-dyed polypropylene. Gas lift covered by telescopic protective tube made of black through-dyed polypropylene.

##### Visitor / conference chairs

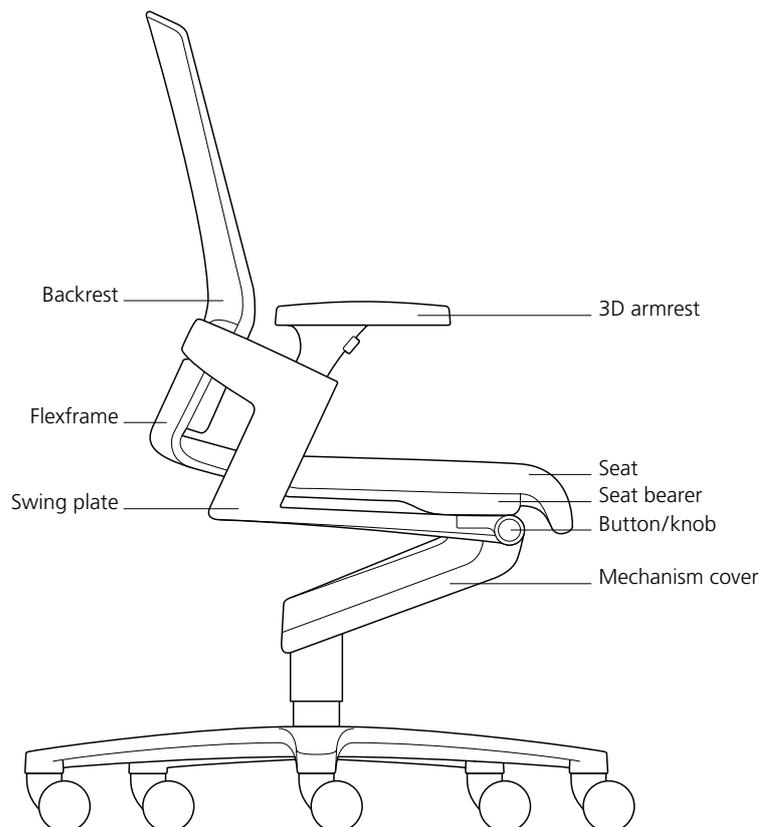
Four-star, die-cast aluminium base, coated (black or silver satin finish), polished or bright chrome plated. Black, multi-purpose plastic glides for all types of flooring. Swivel plates made of die-cast aluminium, coated (black or silver satin finish), polished or bright chrome plated. Mechanism cover made of die-cast, shot-blasted aluminium, optionally coated in black or silver satin finish, with top cover made of black, through-dyed polypropylene. Gas lift covered by telescopic protective tube made of black through-dyed polypropylene.

##### Cantilever chairs

Frame made of bright, chrome plated steel tube, 22 mm ( $\frac{7}{8}$ " ) in diameter, with anti-tilt stoppers made of black polyamide in the standard version for carpets, optionally with hard polyamide glides for soft floors, soft polyurethane glides for hard floors, or polyamide glides with additional felt insert (e.g. for wooden or stone floors susceptible to scratches). Small plastic parts black through-dyed.

##### Four-legged visitor chairs

Frame made of bright chrome plated steel tube, legs 22 mm ( $\frac{7}{8}$ " ) in diameter, with black polyamide glides in the standard version for carpets, optionally with soft polyurethane glides for hard floors, or polyamide glides with additional felt insert (e.g. for wooden or stone floors susceptible to scratches). Small plastic parts black through-dyed.



Subject to technical change without notice.

## 170 range ON™

Page 2 of 3

### Seat

#### Swivel, visitor and conference chairs

Highly elastic, flexibly suspended seat shell with seat upholstery panel made of black, through-dyed polypropylene, polyurethane seat cushion covered in the same material as the backrest cover in Fiberflex, or fabric. Seat can be exchanged. In models with management grade upholstery (174/71, 175/71, 171/71, 172/71) seat cushion with extra padding and side facings, optionally also in leather. Optionally with seat depth adjustment from 400–450 mm (15<sup>3</sup>/<sub>4</sub>" – 17<sup>3</sup>/<sub>4</sub>" ) (all types of upholstery).

### Back

#### Swivel, visitor and conference chairs

Elastic back frame, height adjustable by 60 mm (2<sup>3</sup>/<sub>8</sub>" ) in six lockable positions, made of through-dyed, fibre glass reinforced polyamide, covered with Fiberflex, optionally also with fabric (with additional padding). In models with management grade upholstery (models 174/71, 175/71, 171/71, 172/71) back frame optionally with back cushion too. Backrest upholstery with additional padding, front of backrest also with concealed, cut foam fleece sewn into the cover and with side facings, optionally with leather cover. Medium-high and high back rest, high backrest optionally with headrest (height 16 cm (6<sup>1</sup>/<sub>4</sub>" )), either in the same material as the backrest cover, or covered in leather on the front. Back can be exchanged.

### Seat and back

#### Cantilever / four-legged visitor chairs

Unitary shell-frame design made of through-dyed, fibre glass reinforced polypropylene. Seat cushion made of polyurethane moulded foam, in models with management grade upholstery (models 176/71, 178/71) with additional padding and side facings. In models 176/7, 178/7 seat cushions covered in the same material as the backrest cover in Fiberflex or fabric, models 176/71 and 178/71 with management grade upholstery or in leather. Seat can be exchanged. Back frame covered in Fiberflex, in models 176/7, 178/7 back optionally covered in fabric. Models with management grade upholstery (176/71 and 178/71) optionally with back cushion in fabric or leather, with additional padding, front of backrest also with concealed, cut foam fleece sewn into the cover and side facings, back cover exchangeable.

### Armrests

#### Swivel chairs

3D armrests made of fibreglass reinforced, black through-dyed polyamide. Armrest pads made of black through-dyed polyurethane (TPU) optionally also made of polyurethane foam and covered in leather depending on customer preference. Armrest covers made of black, through-dyed polypropylene. Height of armrests adjustable by 100 mm (3<sup>7</sup>/<sub>8</sub>" ) (eight lockable positions), depth by 40 mm (1<sup>5</sup>/<sub>8</sub>" ), in each case can be swivelled 30° inwards and outwards.

#### Visitor / conference chairs

Rigid armrests made of fibreglass-reinforced, black, through-dyed polyamide. Armrest pads made of black, through-dyed polyurethane (TPU), optionally also made of polyurethane foam and covered in leather depending on customer preference. Armrest covers made of black, through-dyed polypropylene.

#### Cantilever / four-legged visitor chairs

Armrest pads made of black, through-dyed polypropylene. In non-stackable chairs, optionally with upholstered armrests, when covered in fabric with black leather 74/99, when covered in leather according to the colour of the leather.

### Standards

The ON swivel, visitor and conference chairs comply with office chair standard DIN EN 1335, type A or B, of ANSI/BIFMA X 5.1. If required also available and compliant with NPR 1813.

The ON cantilevers and four-legged visitor chairs comply with DIN EN 13761, DIN EN 1022 and ANSI/BIFMA X5.1.

The ON four-legged swivel and cantilever chairs qualify for the GS symbol.



**Optionally, the ON swivel, visitor and conference chairs (without headrest) can also be shipped with dismantled backrests in boxes.**

**All visitor and conference chairs have glides for soft flooring (e.g. carpets). Available with pivotable column, not height adjustable (at no extra cost).**

### Accessories

Optional for visitor chair, model 176/7: inline connectors, model 177 made of zinc-plated steel, two-wheeled cart, model 176 for 8 visitor chairs.

Optional for cantilever, model 178/7, four-wheeled trolley, model 178 for 8 cantilevers.

## 170 range ON™

Page 3 of 3



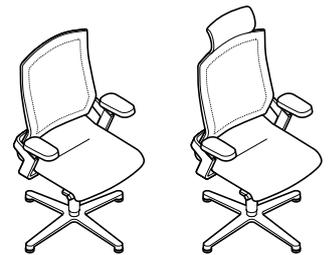
**174/7**  
 □40/52 □97/109 □69 □66  
 (□15<sup>3</sup>/<sub>4</sub>"/20<sup>1</sup>/<sub>2</sub>" □38<sup>1</sup>/<sub>4</sub>"/42<sup>7</sup>/<sub>8</sub>"  
 □27<sup>1</sup>/<sub>8</sub>" □26")



**175/7**  
 □40/52 □105/117 □70 □66  
 (□15<sup>3</sup>/<sub>4</sub>"/20<sup>1</sup>/<sub>2</sub>" □41<sup>3</sup>/<sub>8</sub>"/46<sup>1</sup>/<sub>8</sub>"  
 □27<sup>1</sup>/<sub>2</sub>" □26")



**171/7**  
 □40/52 □97/109 □69 □66  
 (□15<sup>3</sup>/<sub>4</sub>"/20<sup>1</sup>/<sub>2</sub>" □38<sup>1</sup>/<sub>4</sub>"/42<sup>7</sup>/<sub>8</sub>"  
 □27<sup>1</sup>/<sub>8</sub>" □26")



**172/7**  
 □40/52 □105/117 □70 □66  
 (□15<sup>3</sup>/<sub>4</sub>"/20<sup>1</sup>/<sub>2</sub>" □41<sup>3</sup>/<sub>8</sub>"/46<sup>1</sup>/<sub>8</sub>"  
 □27<sup>1</sup>/<sub>2</sub>" □26")



**176/7**  
 □43 □90 □64 □64  
 (□16<sup>7</sup>/<sub>8</sub>" □35<sup>3</sup>/<sub>8</sub>" □25<sup>1</sup>/<sub>4</sub>"  
 □25<sup>1</sup>/<sub>4</sub>")



**178/7**  
 □43 □92 □61 □60  
 (□16<sup>7</sup>/<sub>8</sub>" □36<sup>1</sup>/<sub>4</sub>" □24" □23<sup>5</sup>/<sub>8</sub>")



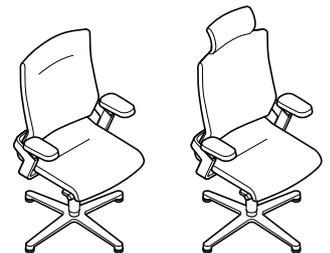
**174/71**  
 □40/52 □97/109 □69 □66  
 (□15<sup>3</sup>/<sub>4</sub>"/20<sup>1</sup>/<sub>2</sub>" □38<sup>1</sup>/<sub>4</sub>"/42<sup>7</sup>/<sub>8</sub>"  
 □27<sup>1</sup>/<sub>8</sub>" □26")



**175/71**  
 □40/52 □105/117 □70 □66  
 (□15<sup>3</sup>/<sub>4</sub>"/20<sup>1</sup>/<sub>2</sub>" □41<sup>3</sup>/<sub>8</sub>"/46<sup>1</sup>/<sub>8</sub>"  
 □27<sup>1</sup>/<sub>2</sub>" □26")



**171/71**  
 □40/52 □97/109 □69 □66  
 (□15<sup>3</sup>/<sub>4</sub>"/20<sup>1</sup>/<sub>2</sub>" □38<sup>1</sup>/<sub>4</sub>"/42<sup>7</sup>/<sub>8</sub>"  
 □27<sup>1</sup>/<sub>8</sub>" □26")



**172/71**  
 □40/52 □105/117 □70 □66  
 (□15<sup>3</sup>/<sub>4</sub>"/20<sup>1</sup>/<sub>2</sub>" □41<sup>3</sup>/<sub>8</sub>"/46<sup>1</sup>/<sub>8</sub>"  
 □27<sup>1</sup>/<sub>2</sub>" □26")



**176/71**  
 □43 □90 □64 □64  
 (□16<sup>7</sup>/<sub>8</sub>" □35<sup>3</sup>/<sub>8</sub>" □25<sup>1</sup>/<sub>4</sub>"  
 □25<sup>1</sup>/<sub>4</sub>")



**178/71**  
 □43 □92 □61 □60  
 (□16<sup>7</sup>/<sub>8</sub>" □36<sup>1</sup>/<sub>4</sub>" □24" □23<sup>5</sup>/<sub>8</sub>")

**Symbols**  
 □ Seat height  
 □ Overall height  
 □ Width  
 □ Depth

All dimensions in cm (inches).

Subject to technical change  
without notice.