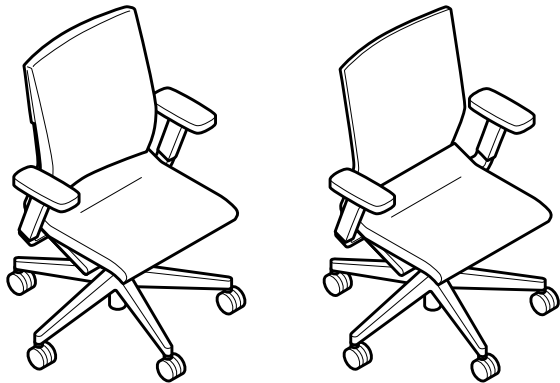


Neos - 180 range

Make: Wilkhahn
Model: Neos task chair
Design: wiege



Models:

181/71 medium-height backrest, with seat- and backrest-cushioning
181/6 medium-height backrest, with seat cushioning and transparent backrest

Standards / quality labels:

DIN EN 16139
DIN EN 13761
ANSI/BIFMA X 5.1 (except for model 181/6)
DIN EN 1335 classes A or B (depending on features)
Ergonomics checked (LGA Nuremberg)
Optional: NPR 1813

Chair dimensions:

Seating height: 40-52 cm precision-adjustable
Total height: 98-110 cm
Width: 66 cm
Depth: 64 cm
The seating height is established under load with DIN equipment
Total height, width and depth are the minimum dimensions

Weight:

17.5 kg (depending on the model and design without packaging)

Packaging:

Box sizes for a chair in cm (L x W x H): 74 x 74 x 109
Volume in m³: 0.60

Function:

Task chair with automatic synchro-adjustment. The tilt of the seat and backrest automatically adapt to any postures users adopt. When leaning back, the backrest tension increases proportionately. Users can precision-adjust the tension by turning a wheel. The tilt of the backrest can be locked in 4 positions at the touch of a button. DIN 45501 compliant gas lift for precision adjustment of the seat height.

Technology:

Pressure-spring mechanism with swivel plates and sliding seat bearer for a precision-adjustable opening angle of 95° to 123°. In terms of backwards tilt, the seat and back move to a ratio of 1:1.7. A special pressure spring allows adjustment of the chair for people weighing from 40 to 120 kg. It can be adjusted precisely by turning an integrated crank.

Frame:

Five-star base made of glass fibre-reinforced polyamide, black-grey through-dyed.
Optional: star base made of die-cast aluminium polished, high-lustre polished or bright chrome-plated.
The mechanism cover is made of die-cast aluminium with a through-dyed black-grey polypropylene cover. Seat bearer made of glass fibre-reinforced polyamide, black-grey through-dyed.
Load-dependent braking twin castors compliant with DIN EN 12529 as the standard version for carpets.
Optional: castors with grey polyurethane coating for hard flooring
Optional: anti-static castors (when an aluminium frame is chosen)

Seat:

Elastic moulded, replaceable seat shell made of polypropylene, black-grey through-dyed.
Cushioning: replaceable polyurethane one-piece moulded foam with integrated pelvic support, covered with fabrics from the Wilkhahn fabric collection or leather (leather 74) from the Wilkhahn leather collection. The front edge of the seat is softly rounded to relieve pressure on the thighs. Seat-depth extension: seat depth can be custom-adjusted from 385 mm to 435 mm. The seat is designed in such a way that the angle of the pelvic support automatically adjusts to the position of the seat shell.
Optional: seat white through-dyed.

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Optional: fabric or leather cover to suit customer's preferences, if required Wilkhahn will check material's suitability

Back:

Model 181/71: backrest shell made of polyamide with backrest shell cover made of polypropylene, black-grey through-dyed. Cushioning: replaceable polyurethane one-piece moulded foam covered with fabrics from the Wilkhahn fabric collection or leather (leather 74) from the Wilkhahn leather collection.

Optional: fabric or leather cover to suit customer's preferences, if required Wilkhahn will check material's suitability

Model 181/6: backrest frame made of glass fibre-reinforced polyamide, black-grey. Covered in transparent, black-grey high-performance polyester fabric. The cover on the bottom of the backrest frame is made of polypropylene, black-grey.

Optional: backrest shell white through-dyed.

Optional: polyester fabric in light grey or white.

Optional: height-adjustable lumbar support made of polyamide, black-grey through-dyed with integral foam applied.

Cushioning:

All foam used is CFC-free

Armrests:

three-dimensional armrests made of glass fibre-reinforced, black-grey, through-dyed polyamide with black-grey polyurethane cover. Adjustable in height by 100 mm, in depth by 50 mm and can be swivelled up to 15° inwards and outwards.

Dimensions of armrest pads: Width: 90 mm, depth: 220 mm

Optional: 3D armrests white through-dyed (armrest pad always black-grey)

Optional: without armrests

Environmental product information:

Materials used approx.: aluminium 22.3%, steel 20.0%, plastics 57.7%.

The task chair consists of at least 38% recycled material (aluminium/steel).

Returns, disassembly and recycling:

All Neos task chair components are suitable for non-destructive disassembly. To ensure that materials can be sorted according to type, all components weighing more than 150 g have been labelled accordingly. No agents to protect materials or organic halogen compounds are used which would prevent subsequent recycling. A total of 58% of the chair can be recycled.

For more information see: <http://www.wilkhahn.com/green>.

The following LEED rating is possible:

LEED CI 5 – 7

LEED NC5

LEED EB 7

Certification and awards:

UN Global Compact

ISO 9001

ISO 14001

EMAS

GREENGUARD™

AFRDI Green Tick

AFRDI Blue Tick

International design awards:

2005: iF product design award, Hanover

Wilkhahn reserves the right to make technical changes to the information provided.

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