

Wilkhahn

Neos. 180 range.





Neos task chairs.

For 30 years Wilkhahn has been a standard bearer for simplicity in design. All Neos office task chairs embrace this philosophy and offer:

- Straightforward adjustments of seat and backrest height, seat depth, armrest position and weight settings.
- Automatic and ergonomic adjustment of the flexible backrest shell to different shapes of back.
- And automatic promotion of dynamic sitting postures.

By pressing just two buttons and the conveniently placed lever, adjusting Neos to your level of comfort is child's play.



Neos cantilever chair.

The cantilever models complement the Neos task chairs perfectly. Their superior design, high quality appearance and variety of upholstery options make them ideal candidates for a multipurpose seating range in their own right. Perhaps as a place for a visitor to sit; as a comfortable and exclusive conference cantilever chair, or as stackable seating for seminars and presentations.

The cantilever chair consists of a slender, bright chromium-plated tubular steel frame connected to an elegant tapered outer rail. The space between the outer rail and the shell is not just simply a smart detail: the rail is also a handle and at the same time allows flexible adjustment of the back section. The single-section seat shell is invisibly attached to the seamless frame structure and combined with the suspended frame, it offers comfort par excellence.



Neos. 180 range. Technical details.

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Function

Task chairs with automatic synchro-adjustment: The seat and backrest tilt adapt automatically to any posture the user adopts. When leaning back, the backrest tension increases proportionately. The person using the chair can adjust the tension precisely by turning a crank. The backrest is lockable in four position at the touch of a button. Task chairs have a DIN-4550-compliant gas lift for precision adjustment of the seating height.

Backrest height adjustment of 60 mm in seven increments, in the case of models with membrane backrests, instead of backrest height adjustment, optionally with a lumbar support with a 60 mm height adjustment in fixed increments. All models with seat depth extension in eleven positions ranging from 385 – 435 mm. Models with mesh membrane backrests as for task chair versions.

Cantilever chairs: to match the office task chairs, a stackable visitor, conference and seminar chair, up to five of which can be stacked, with a flexible, unitary seat shell, integrated stacking buffer and outer rail on the backrest.

Models 183/3 with leather covers (74) and 183/5 are not stackable.

Frame

Task chairs

Five-star base in glass fibre-reinforced polyamide, through-dyed in black-grey, or in die-cast aluminium, polished, high-lustre polished or bright chrome plated. Twin wheel swivel castors with load-dependent braking DIN-EN-12529-compliant as the standard version for carpeting; with grey polyurethane tyre for hard flooring (please specify when ordering). Anti-static castors on request (when an aluminium frame is chosen). Mechanism shell in die-cast aluminium. Mechanism shell made of polypropylene, black-grey through-dyed. Seat bearer in glass-fibre-reinforced polyamide, through-dyed in black-grey. See table below for frame types.

Counter stool

Star base from the ON 170 range, with additional height-adjustable foot ring, bright chrome-plated, with lock screw to affix it and twin wheel swivel castors with load-dependent braking.

Cantilever chairs

Frame in round steel tubing, 22 mm in diameter, thickness 3 mm, bright chrome-plated, with anti-tilt stoppers in black-grey polyamide as the standard version for carpeted floors, optionally with glides in black-grey polyamide (for soft floors) or black-grey polyurethane (for hard floors), optionally with additional felt insert (please specify when ordering); outer rail in die-cast zinc, bright chrome plated. Optional outer rail made of very strong, glass-fibre-reinforced plastic, colour-matched with the shell.

Seat

Task chairs

Seat shell in polypropylene, through-dyed in black-grey or white. Cushioning: covered, one-piece moulded polyurethane foam with integral pelvic support, exchangeable. 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.

Back

Task chairs

Backrest shell made of polyamide with backrest shell cover made of polypropylene, black-grey or white through-dyed. Cushioning: covered polyurethane one-piece moulded foam, replaceable. Model 181/ 6 with backrest frame in glass-fibre-reinforced polyamide, in black-grey, covered with transparent, black-grey, light-grey or white high-performance polyester; lower section of backrest frame covering in polypropylene, in black-grey; optional lumbar support in polyamide, black-grey through-dyed with integral foam overlay.

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Seat and backrest

Cantilever chairs

Unitary seat and backrest shell in elastic polypropylene, through-dyed in blackgrey or white. Seat cushion: exchangeable, with concealed screw fittings; comprising seat upholstery panel and covered polyurethane one-piece moulded foam. Type with optional, exchangeable back cushioning the same as the seat cushion. Model 183/3 with leather cover not stackable. Model 183/5 (not stackable) With leather-covered seat and back cushions with wool-fleece overlay and side facings, optionally with seat and backrest shell covered with leather on the rear.

Armrests

Task chairs

3D armrests made of black-grey or white through-dyed, fibre-glass-reinforced polyamide, with black-grey polyurethane pad, adjustable in terms of height by 100 mm or depth by 50 mm and can be swivelled 15° inwards and outwards.

Cantilever chairs

PVC-free, sleeve-shaped armrest pad made of black-grey or white thermoplastic elastomer. In model 183/5, armrest pad, upholstered or covered in leather with top stitching, or optionally with solid wood pads, oak, maple or walnut with a natural finish.

Standards

Neos task chairs comply with the DIN EN 16139-L1, ANSI/BIF-MA X 5.1 (except for model 181/6) and other international office chair standards. If required, NPR 1813 models are available. Depending on the version, they also fulfil the requirements of categories A or B of the DIN EN 1335 office chair standard.



The Neos task chairs comply with the “Ergonomics Approved” label.



The cantilever and visitor chairs comply with DIN EN 16139-L1 and DIN EN 13761.



Neos. 180 range. Product types.

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Model **181/71** task chair, medium-height back, seat and backrest upholstery, on castors



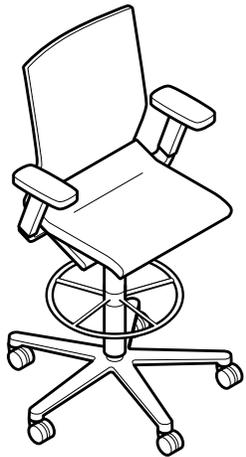
Model **181/6** task chair, medium-height back, seat cushioning, on castors, with armrests



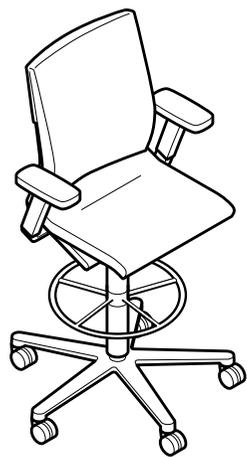
Model **183/3** cantilever chair, medium-height back, seat cushioning, back not upholstered



Model **183/5** cantilever chair, medium-height back, seat and backrest upholstery



Model **181/1** Counter stool, medium-height back, seat cushioning and transparent back, on castors



Model **181/11** Counter stool, medium-height back, seat and backrest upholstery, on castors

Neos. 180 range. Upholstered types.

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Seat and back cushioning



Seat cushioning and transparent back in black, light grey or white



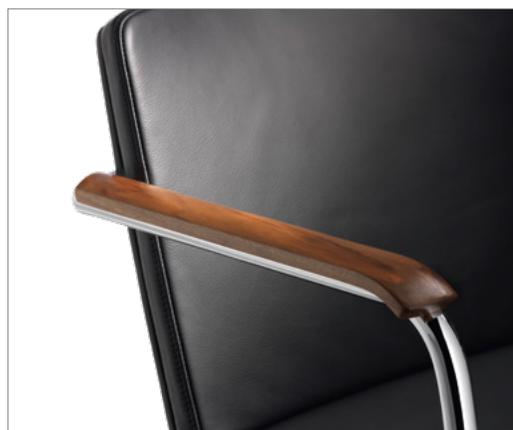
Seat cushioning, back not upholstered



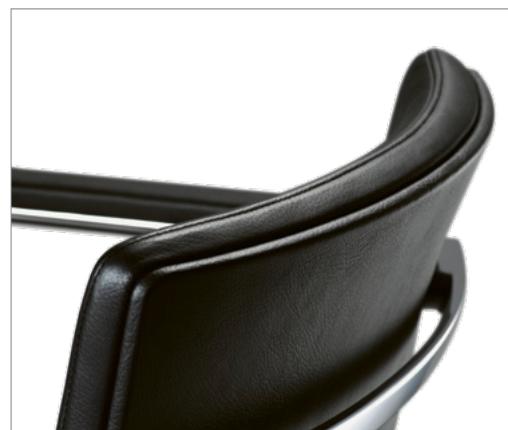
Seat and back upholstered



Seat and backrest upholstery, leather, leather-covered armrest pads



Seat and backrest upholstery, leather, solid-wood armrest pads



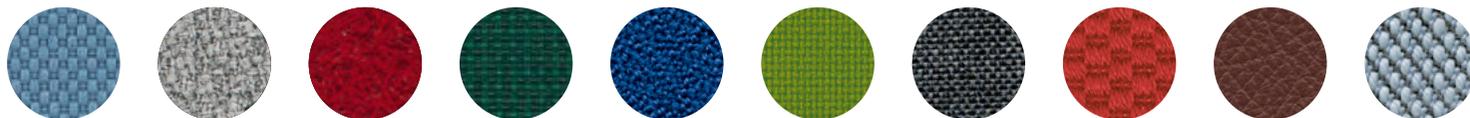
Seat and backrest upholstery leather, seat and backrest shell fully covered on the back with leather, leather-covered armrest pads

You can find our current fabric collection in our media center

Neos. 180 range. Upholstered types.

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Upholstery material (not all upholstery materials apply to all types)



47 Nova | 54 Pitch | 60 Blend | 62 Bond | 63 Auris | 66 Lona | 68 Kvadrat Remix 2 | 69 Granit | 74 Leather | 91 Kvadrat Steelcut Trio 3 |
You can find all upholstery materials and more colours in our media center

Neos. 180 range. Frame versions.

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Plastic star base



Bright, chrome-plated star base



Polished aluminium star base



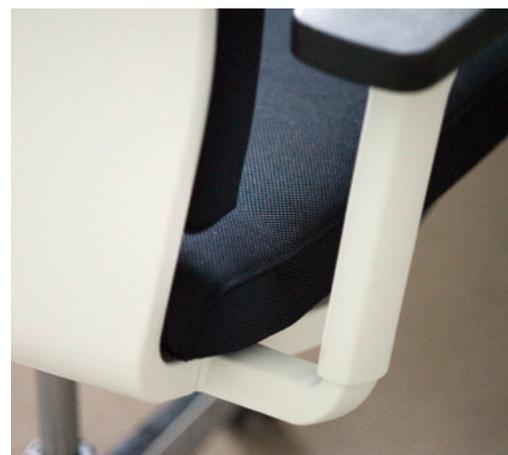
High-lustre polished aluminium star base



Bright chrome-plated frame



Cantilever chair, white through-dyed shell and armrests



Task chair, shell and armrests white through-dyed

You can find our current fabric collection in our media center

Neos. 180 range. Frame versions.

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Frame surfaces task chairs



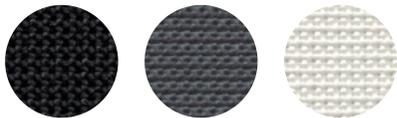
Aluminium bright chrome plated, high-lustre polished or polished Five-star base also in black-grey plastic

Seat and backrest shell task chairs



Black-grey or white, black-grey back frame

Frame cover task chairs



Black-grey, light grey or white

You can find our current fabric collection in our media center.

Frame surfaces cantilever chairs



Bright chrome plated

Seat and backrest shell cantilever chairs



Black-grey or white

Sleeve-shaped armrests and armrest pads cantilever chairs



Sleeve-shaped armrests: Black-grey or white plastic
Armrest pads: Oak, maple, walnut in a natural finish, or covered in leather

The digital sample colours differ from the originals.

Neos. 180 range. Accessories and other items.

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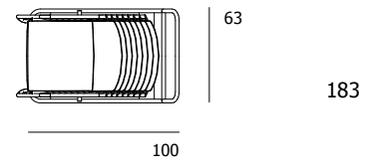
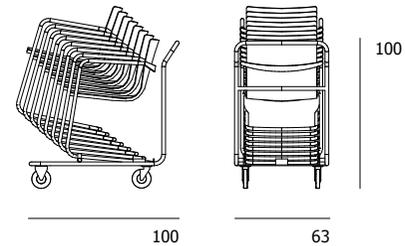
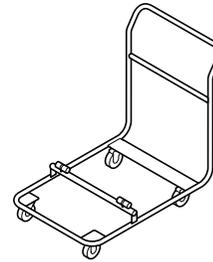


Model **181/6** task chair, medium-height back, seat cushion, on castors, without armrests

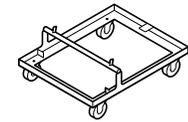
Accessories and other items not pictured:

- Cantilever chair with anti-tilt stopper as a standard for soft flooring
- Cantilever chair with soft glides for hard flooring
- Cantilever chair with additional felt glides for wooden flooring

183 Four-wheeled trolley for eight stackable cantilever chairs. (Dimensions in cm)



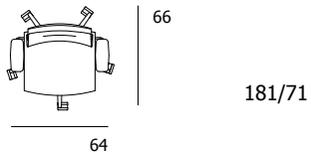
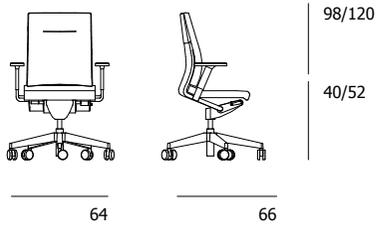
186 Four-wheeled trolley for eight stackable cantilever chairs.



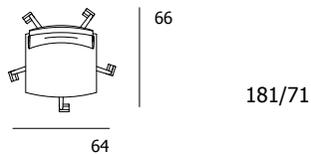
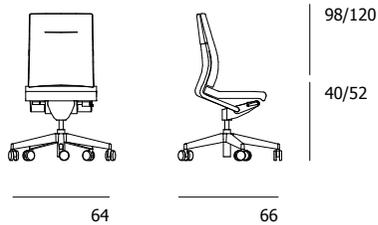
Neos. 180 range. Models and dimensions.

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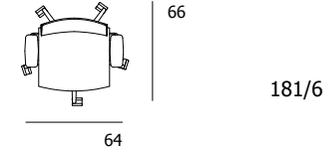
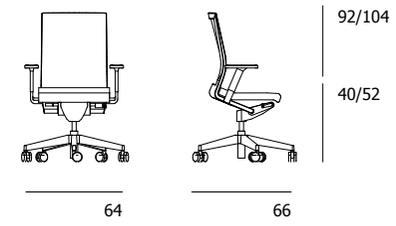
181/71
Task chair



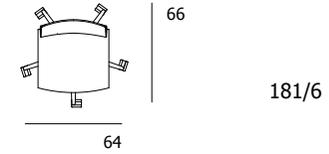
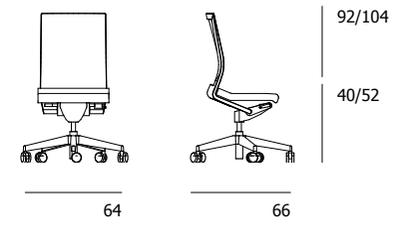
181/71
without armrests



181/6
Task chair



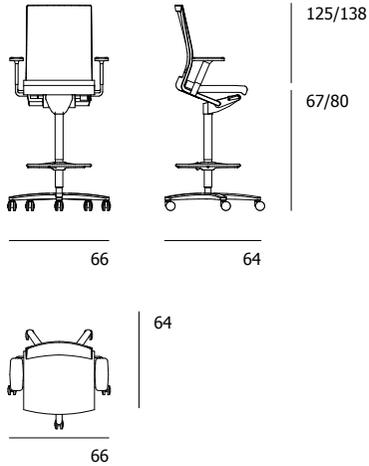
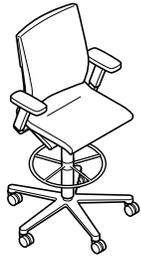
181/6
without armrests



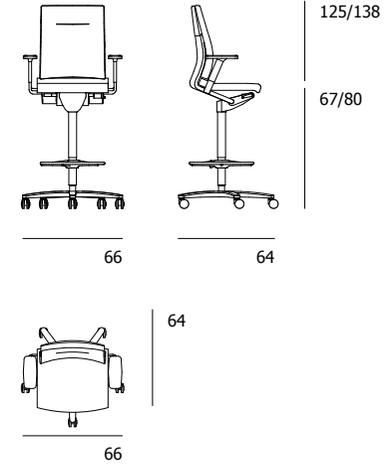
Neos. 180 range. Models and dimensions.

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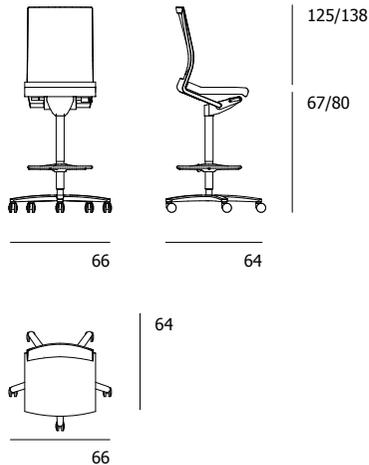
181/11
Counter chair



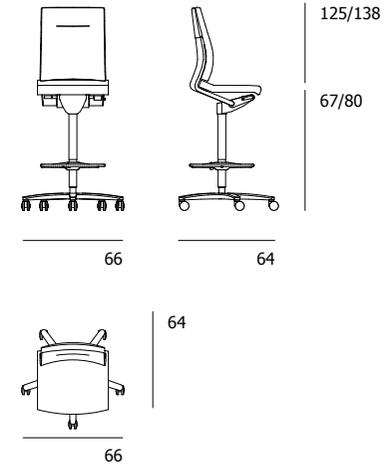
181/1
Counter chair



181/1
without armrests



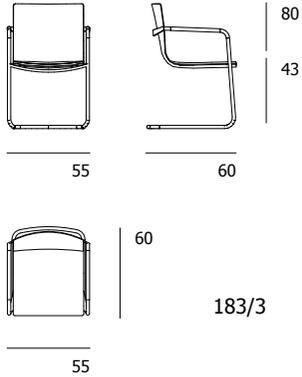
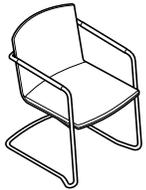
181/1
without armrests



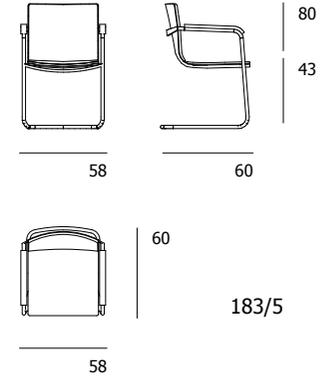
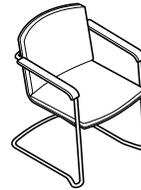
Neos. 180 range. Models and dimensions.

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183/3
Cantilever chair



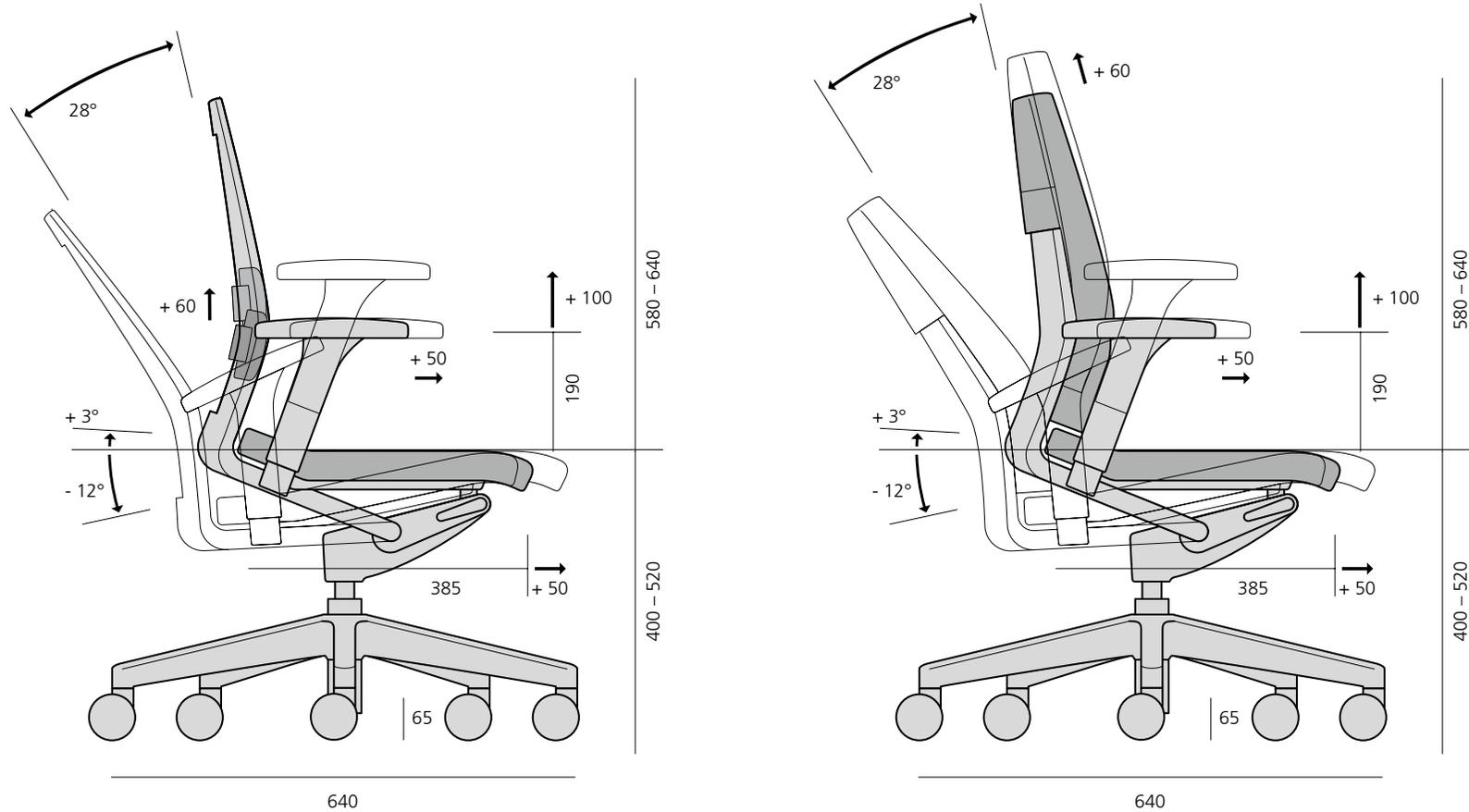
183/5
Cantilever chair



Neos. 180 range. Models and dimensions.

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By shifting body weight, the tilt of the seat and backrest adjusts to any position the user is sitting in. When leaning back, the backrest tension increases according to the natural need for additional support. The pressure spring mechanism with swing plates and sliding seat bearer provide a back-to-seat angle range from 95° – 123°. The backrest is lockable in four positions.



Neos. 180 range. Awards/standards/certificates.

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Awards



Product certificates/product standards



DIN EN 16139-L1 ANSI / BIFMA X 5.1 DIN EN 1335 DIN EN 13761

Not all certificates/standards apply to all designs.

Company's certificates, memberships



Environment and product

Aesthetics and design

Sustainable products must be practical. The timeless aesthetics of the Neos range provide added value, making it an option that is set to endure. Office work today requires maximum flexibility in terms of spaces, usage concepts, processes and people. What could be better than an office chair that offers perfect ergonomics for everyone? And which due to its calm, understated design is ideal for any environment? Which is why not only employees, company doctors and facility managers like Neos, but designers too. It's a satisfying result if healthy sitting can be combined with aesthetic appeal.

Durability and guarantee

The Neos office chair range was launched in 2004. Neos sets standards for product design that are sustainable in the best-possible way. The durability of the high-quality materials used, the innovative seating concept and the classic understated design guarantee that it will be used for many decades to come. We give a two-year manufacturers' guarantee, allowing customers to plan reliably. It's something we feel responsible for, regardless of our products' long useful lives. We consider guarantees way beyond these periods as selling the future short. Our services to extend the ecological life of the chair include maintenance as well as reconditioning of older chairs. Wilkhahn guarantees it will carry out repairs on discontinued furniture for at least two years after production has ceased. A long-term market presence, a reconditioning service and the superb durability of Neos chairs are key aspects of Wilkhahn's product philosophy.

Air quality and emissions of pollutants

Neos office chairs do not emit any concentrations of gas that are harmful to the environment or to health. Products from the Neos range are certified in the US in accordance with GREENGUARD Indoor Air Quality™. GREENGUARD™ is a certification programme for products low in emissions.