**Make: Wilkhahn**

**Model: ON swivel chair**

Design: wiege

**  **

**Models:**

174/7 medium-height backrest

175/7 high backrest

175/7 high backrest with headrest

  

**Models:**

174/71 medium height backrest, Management type

175/71 high backrest, Management type

175/71 high backrest with headrest, Management type

**Standards / quality labels:**

DIN EN 1335, type A or B office chair

GS standard (safety tested)

ANSI/BIFMA X5.1

Ergonomics tested

Optional: NPR 1813

**Chair dimensions:**

Seating height: 40-52 cm infinitely adjustable

Total height: (model 174/7) 97-109 cm

Total height: (model 175/7) 105-117 cm

Total height: (model 175/7 with headrest height 16 cm) 121 – 133 cm

Width: 69 cm (Model 174/7 and 174/71), 70 cm (Model 175/7 and 175/71)

Depth: 66 cm

The seating height is measured under load with DIN equipment

Total height, width and depth are the minimum dimensions

**Weight:**

From 19.5 kg to 20.5 kg (depending on the model and design without packaging)

**Description:**

Swivel chairs with integrated, synchro-supporting, three-dimensional kinematics

Synchro-adjustment technology, seat and back automatically adapt to any movement and posture of the person sitting on the chair to foster supported, three-dimensional dynamic sitting

Synchronous forwards and backwards movements from -12° to + 3°

Opening angle in the seat up to 28° tilt in the back

Seat and back tilt sideways up to 13°, supporting counter pressure in any direction quickly infinitely adjustable (max. 5.5 rotations): for people weighing between 45 – 120 kg

Backrest height adjustable by up to + 60 mm in six lockable positions

Backrest and seat can be locked in the front sitting position

The seat height is infinitely adjustable at the touch of a button between 400 mm and 520 mm with a DIN 4550-compliant gas lift

All models optionally available with seat-depth adjustment of 400 to 450 mm

**Mechanism:**

The core principle of the mechanism is to mirror the flexibility and position of the knee and hip joints, enabling a natural, three-dimensional range of movement while maintaining the body’s centre of gravity in any position

The shell for the mechanism is made of shot-blasted die-cast aluminium with a through-dyed black polypropylene cover

Optional: shell for the mechanism coated in black or silver satin finish

Coated (black or silver satin finish) die-cast aluminium swivel arms, two per chair can be moved independently of one another, the counter pressure is infinitely adjustable near the knees via a two-dimensional flexible main axis which results in three-dimensional, flexible suspension between the highly elastic seat shell and back frame

Optional: die-cast aluminium, polished or bright chrome-plated

**Frame:**

Five-star base, 72 cm in diameter made of black, through-dyed, glass fibre-reinforced polyamide

Optional: die-cast aluminium, coated (black or silver satin finish)

Optional: die-cast aluminium, polished or bright chrome-plated

Twin wheel swivel castors with load-dependent braking, made of black polyamide in accordance with DIN EN 12429 as the standard version for carpets

Optional: with grey polyurethane coating for hard flooring

Optional: electrically conductive castors

Gas lift covered by telescopic protective tube made of black through-dyed polypropylene

**Seat:**

Highly elastic, flexibly suspended seat shell with seat upholstery panel made of black, through-dyed polypropylene

Optional: seat-depth adjustment from 400 to 450 mm (all types of upholstery, except for types with extra padding)

Seat can be exchanged

Seat cushions made of polyurethane, covered in the same material as the backrest frame in Fiberflex, colours from the Wilkhahn Fiberflex sample card

Optional: extra padding made of layered foam, only available when seat is covered with Fiberflex and without seat-depth adjustment

Optional: fabric cover from the Wilkhahn fabric collection

Optional: fabric cover to suit customer preferences, if required Wilkhahn will check fabric’s suitability

Management grade upholstery (models 174/71, 175/71)

Seat cushions with additional padding and side facings

Fabric cover from the Wilkhahn fabric collection

Optional: leather cover from the Wilkhahn leather collection

Optional: fabric or leather cover as desired, if required Wilkhahn will check material’s suitability

**Back:**

Elastic back frame, linked three-dimensionally and flexibly with the swivel arms, both of which can be moved independently of one another and the seat shell, lockable in six positions, height-adjustable by 60 mm (520-580 mm) made of through-dyed, glass fibre-reinforced polyamide

Medium-height backrest (models 174/7 and 174/71)

High backrest (models 175/7 and 175/71)

Optional: high backrest (models 175/7 and 175/71) with headrest (height 16 cm), headrest either in the same material as the backrest cover or covered in leather on the front

Back can be exchanged

Back covered in the same material as the seat cover in Fiberflex, colours from the Wilkhahn Fiberflex sample card

Optional: extra padding made of cut foam fleece only available when backrest is covered with Fiberflex and without seat-depth adjustment

Optional: fabric cover from the Wilkhahn fabric collection (with additional padding)

Optional: fabric cover to suit customer preferences (with additional padding), if required Wilkhahn will check material’s suitability

Management grade upholstery (models 174/71, 175/71)

Backrest with additional padding, front of backrest also with concealed, cut foam fleece and padding sewn into the cover and with side facings

Fabric cover from the Wilkhahn fabric collections

Optional: leather cover from the Wilkhahn leather collections

Optional: fabric or leather cover as desired, if required Wilkhahn will check material’s suitability

**Cushioning:**

All foam used is CFC-free

**Shipment method:**

Fully assembled in a box, or using the knock-down method

Packaging sizes:

174/7 medium-height backrest: standard 128 x 72.4 x 72.4 cm; knock-down: 71.5 x 67.0 x 70.5 cm

175/7 high backrest: standard 128 x 72.4 x 72.4 cm; knock-down: 71.5 x 67.0 x 70.5 cm

175/7 high back with headrest: standard 128 x 72.4 x 72.4 cm; knock-down version not available

Knock-down method: cuts the volume transported and saves space in the warehouse compared with other conventional methods by approx. 45%

Tool-free assembly of the backrest

Customers can save storage space required for spare chairs and different styles of backrests

**Armrests:**

Three-dimensional armrests made of glass fibre-reinforced, black through-dyed polyamide, integrated into the armrests each of which can be moved independently from one another

Sizes of armrest pads: width: 105 mm, depth: 205 mm, height: 25 mm

Armrest pads made of black, through-dyed polyurethane

Optional: polyurethane foam armrest pads

Optional: upholstered armrest pads with leather covers from the Wilkhahn leather collection

Height of armrests adjustable by 100 mm (eight lockable positions), depth by 40 mm, armrests can be swivelled 30° inwards and outwards

Optional: without armrests, armrest covers made of black through-dyed polypropylene

Armrests can be retrofitted at any time

**Environmental product information:**

Materials used approx.: aluminium 33.0%, steel 18.5%, zinc 2.5%, plastics 46.0%

Returns, disassembly and recycling:

All ON swivel-chair components are suitable for non-destructive disassembly. In order to guarantee materials are sorted according to type, all components over 150 g in weight are labelled. No agents to protect materials, or organic halogen compounds are used that prevent recycling at a later date. A total of 98 per cent of the chair can be recycled.

For further information visit: <http://www.wilkhahn.com/en/about/corporate-responsibility/>

**Certification and awards:**

UN Global Compact

ISO 9001

ISO 14001

EMAS

GREENGUARDTM (certified version available on request)

AFRDI Green Tick Product Certification Standard 150, Level A – Platinum

AFRDI Blue Tick Product Certification based on AS/NZS 4438 – Level 6

LEED

The following LEED ratings can be achieved:

LEED CI 5 – 7

LEED NC 4

LEED EB 7

**International design awards:**

2010: iF product design award 2010, Hanover

2010: Australian International Design Award 2010, Sydney: "Furniture and Interior Products" category

2010: Mix Interior Award 2010, London: "Furniture" category

2010: Best of NeoCon 2010, Chicago: "Best of Competition", best product at the trade show in all categories

2010: Best of NeoCon 2010, Chicago: "Gold Winner", best product in the "Office chair/ergonomics" category

2010: Best of NeoCon 2010, Chicago: "Silver Winner", in the "Seating/Conference" category

2010: Best of NeoCon 2010, Chicago - People's Choice Awards 2010: "Silver Winner", in the "Seating/Conference" category

2010: FX International Interior Design Awards, ''Product of the year 2010''

2010: Good Design Award 2010, Chicago

2010: Good Design Award 2010, Japan

2011: Universal Design Award 2011, Hanover

2011: German Design Prize 2011, Silver

2011: Universal Design Award 2011, Consumer Favorite, Hanover

2012: Federal Ecodesign Award Product 2012

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

May 2015 version