

ON®

Wilkhahn









The Wilkhahn **ON**[®] chair is the achievement of decades of research and development. Aesthetically stunning this product of German design also delivers a dynamic seating experience that boosts the overall health and concentration of the user. Form and function are essential in design, range of movement and comfort are essential for well-being in seating. The ON chair's three dimensional movement offers the synergy between these two key principles.





Bundespreis
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Produkt 2012



Combining **innovative technology** and **high-quality design**, the ON chair continues to impress people of all shapes and sizes. The chair has enough space for different postures and the overall impression is one of harmony. The distinctive die-cast aluminium swing plates define the unmistakable multi-award-winning chair. From Sydney to Tokyo, Frankfurt, Hanover, Berlin and London to Chicago – leading experts consider ON the world's best office chair.



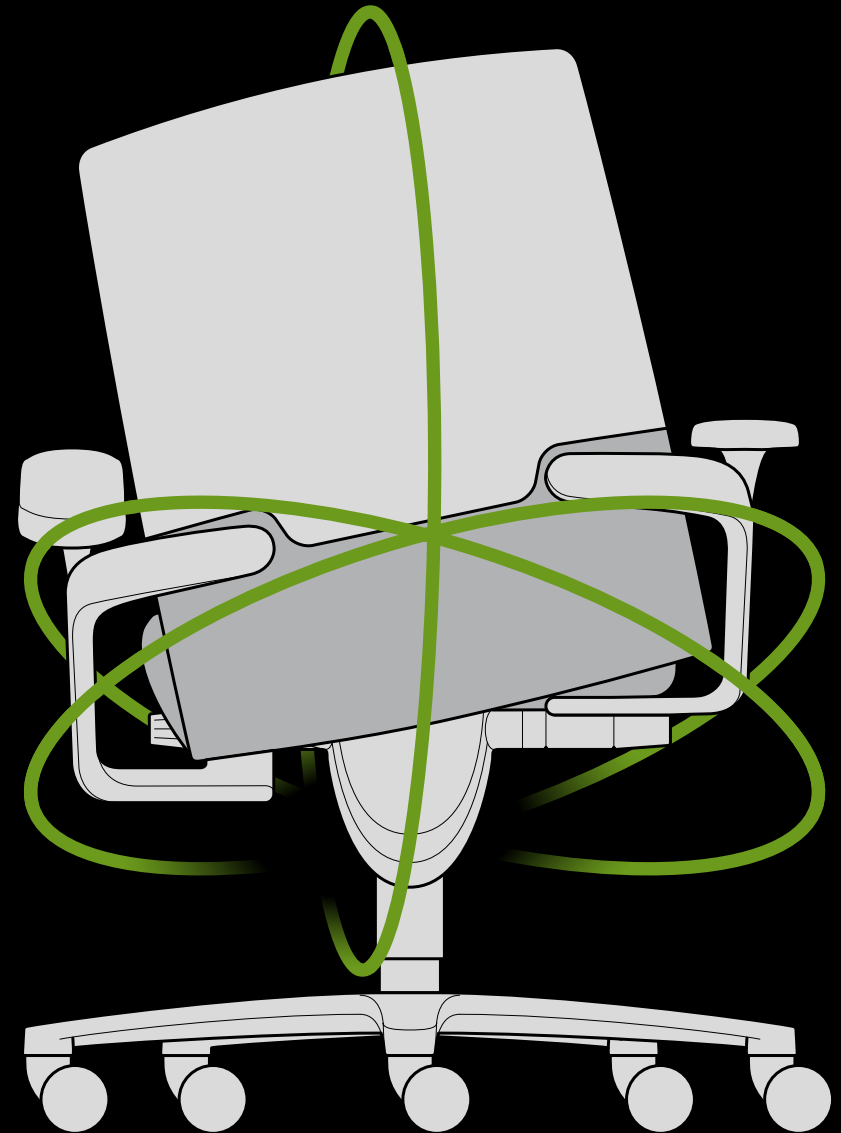




In today's busy office environment we all spend long periods of time in hunched positions at our desks. Bizarrely, despite being bad for our bodies we choose to adopt a lazy posture. What the human body actually requires is frequent and a varied range of movements. Wilkhahn understands this key principal of ergonomics which is why we have developed **Trimension®** for the ON chair. This unique tested feature is a patented technology for three dimensional, synchro-adjusted dynamic seating.



Trimension® doesn't just encourage forwards, backwards and sideways movements, but the pelvis to rotate too - which is so important for the spine's stability. Two separately moveable swing plates, just like two thighs, lie at the core of the technology. Minimal shifts in weight are already translated into movement. The position of the pivotal points and the way they work are exactly like knee and hip joints. As a result, the body's equilibrium remains in perfect balance – no matter what posture it adopts or the way it moves. This new dimension in seating quickly becomes something that's taken for granted. Backache is effectively prevented and the metabolism, muscles and joints are stimulated. Scores of letters from customers and comparative scientific studies have proved that ON's varied range of motion significantly enhances the feeling of well-being and powers of concentration in office environments.





ON® developers were especially keen to make the chair very easy to use. By sitting down and pressing a button, seating height and counter pressure of **Trimension**® are adjusted to suit preferences and ON's ready to go. The backrest height and optional seat-depth adjustment are child's play to operate while seated.

And what goes for offices also applies to conferences. The more attentive and alert people are, the stronger their own positions are likely to be. Long meetings feel much shorter if body and mind are repeatedly stimulated by small movements.



The office and conference chairs come in three different backrest heights, three armrest designs and three types of upholstery. The choice ranges from Fiberflex covers with an effective micro-cushioning effect, to additional fabric covers to sophisticated management-grade upholstery. In terms of function and design, different frame surfaces and the wide range of fabrics and leathers tick virtually all the boxes. As a result, **ON**® is ideal for a wide range of applications and interior-design styles. It's a superb choice for prestigious admin areas, inspired project rooms, luxurious conference spaces, creative single offices and dynamic meeting rooms. But see for yourself ...















Meeting Room 2







In detail

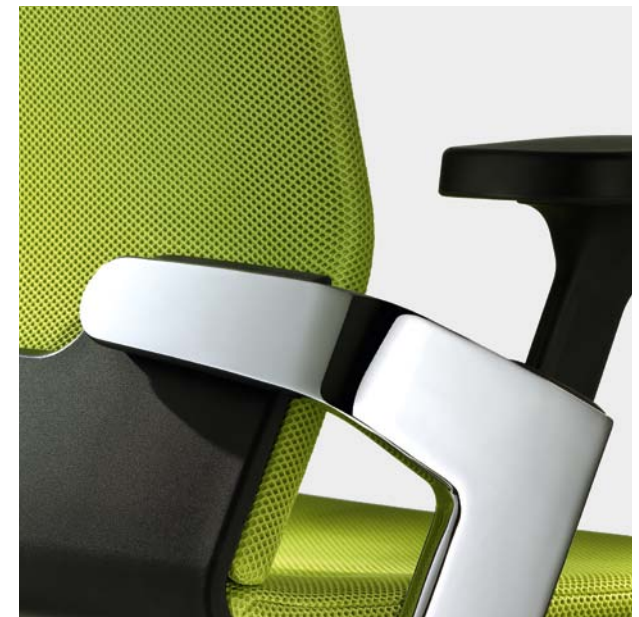
Each ON swivel chair features the health benefits of unique Trimension® and a range of different adjustment options. It's so spacious, it almost feels like an armchair. Adjustable while seated, it allows a number of different sitting postures that include sitting up straight, lounging about or sprawling across the chair.

The **counterpressure of the backrest** is fast to adapt with just two fingers and only a few rotations – for people weighing from 45 to 120 kg. The conveniently placed wheel is integrated into the button that locks the tilt of the seat.

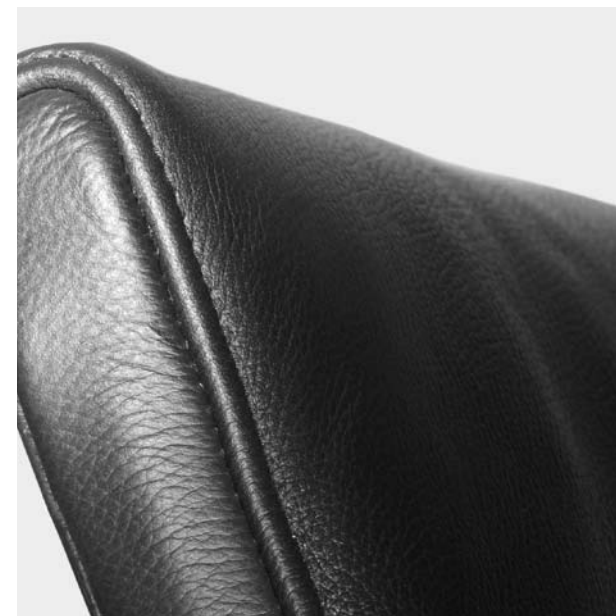
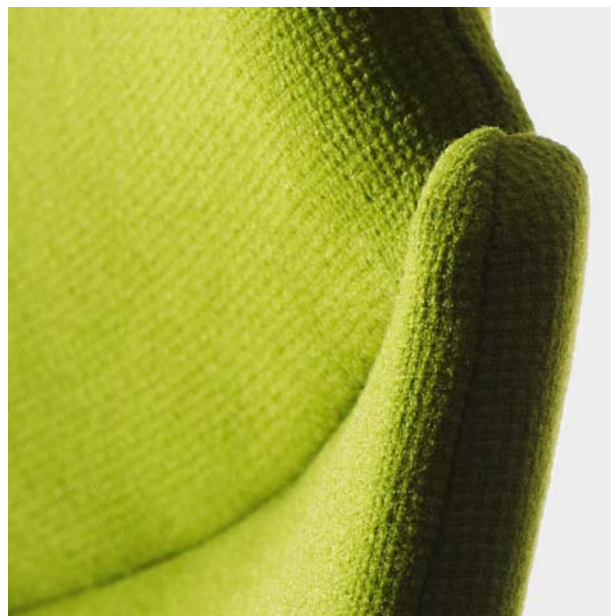
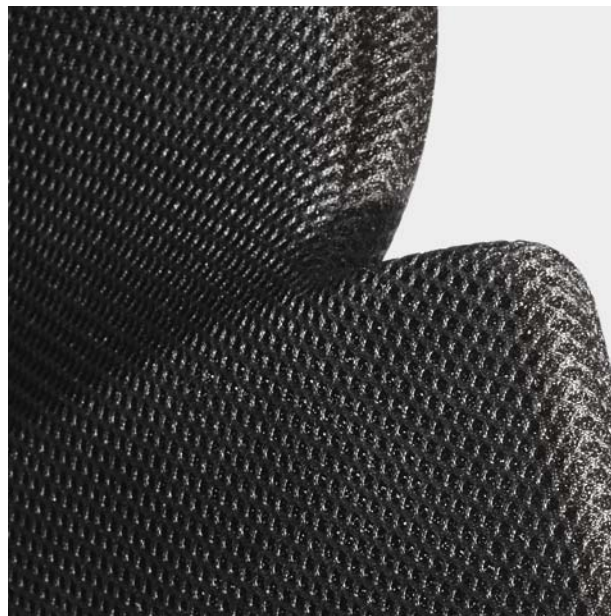
The fascinating simple, patented **seat depth adjustment** is available on request. The seat depth is altered by grabbing the front end of the seat with both hands and turning it upwards, or downwards to reduce depth again.

The **armrests** integrated in the swivel arms mirror all movements made. Their height is adjustable at the touch of a button. The depth and width of the armrest pads can be changed by pushing and turning them. The choice of three armrest pads (standard, padded and leather-upholstered) is sure to suit any tastes.

The height of the **backrest** is intuitive to adjust in six lockable positions while seated. All that's required is to take hold of it and push it upwards by up to 60 mm (2 $\frac{3}{8}$ "). No buttons or levers are needed.



Three backrest heights (medium, high, high with headrest) and three **types of upholstery** offer plenty of scope for design to achieve those subtle differences. Even in its standard version, ON offers excellent comfort because the materials used are flexible, elastic and breathable. The seat, backrest and headrest are covered in innovative **Fiberflex fabric**. It's permanently elastic, breathable and kind to the skin. Due to its three-dimensional design, it looks like additional micro-cushioning. Alternatively the seat can also be ordered with **additional padding** (seat-depth adjustment is then not possible). With more cushioning it feels softer to sit on. In the management range, the seat, backrest and headrest are fitted with extra textile or leather covers from the comprehensive Wilkhahn collection. The **Management-grade upholstery** is an example of first-class craftsmanship. Slim facings at the sides and finely stitched seams in the covers with extra padding ensure this new dimension in seating conveys gravitas with an understated feeling of luxury.





The ON range

Healthy seating shouldn't be a question of positions in a corporate hierarchy. Which is why our engineers worked tirelessly for five years to make Trimension affordable. The goal was to ensure that the **office chairs** qualify for any interior, from receptions to open-plan spaces, to managers' and executives' offices. In contrast to the office chairs, the **conference chair** stands on a formal, carefully matched four-star aluminium base with glides. The upshot is a tidy, uncluttered look. The fixed armrests also have the same effect. The chairs are optionally available with a permanent or adjustable seating height.

The seat shell and covered backrest on the comfortable **cantilever chair** allude to the swivel chairs and offer a high level of comfort. The silhouette and form of the base and back frames are exceptionally elegant. A standard feature of all Fiberflex and fabric-covered types is that they are stackable. Management-grade upholstery is also an option for more discerning customers. The **four-legged version** with a similar back frame has the same seat and backrest design as the cantilever chair. And of course, like the rest of the range, Fiberflex or fabric-covered (stackable) and management-grade upholstery are also available. Inline connectors are optional.









Sustainability included. Just like all Wilkhahn products, ON is designed for superior practicality and extreme durability. Due to a service-friendly design and retrofitting capabilities, expendable parts, covers and upholstery are easy to exchange. Over 50% recycled material is used during manufacture and 98% of ON can be recycled after its useful life. The knock-down principle applied to fit the backrest reduces transport volume by 45%¹. In addition to the definitive international office chair standards, Greenguard has also certified ON as “suitable for interiors”. And what’s more, it’s the first office chair to receive the Federal Ecodesign Award. Logistics and manufacturing processes are environmentally friendly. In the main plant in Bad Münde in Germany over 50% of the energy comes from CO₂-neutral energy sources. Wilkhahn was awarded the German Environment Prize and is ISO 14001 and EMAS certified. We’re the first office furniture manufacturer that requests suppliers and partners worldwide to comply with environmental and social responsibility standards.

¹ Details are based on the 174/7 model with an aluminium base



Technical overview

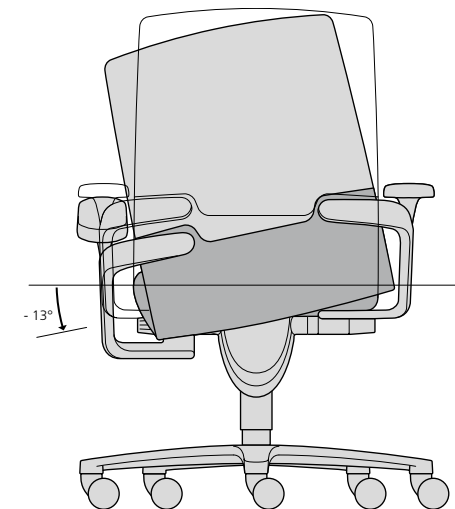
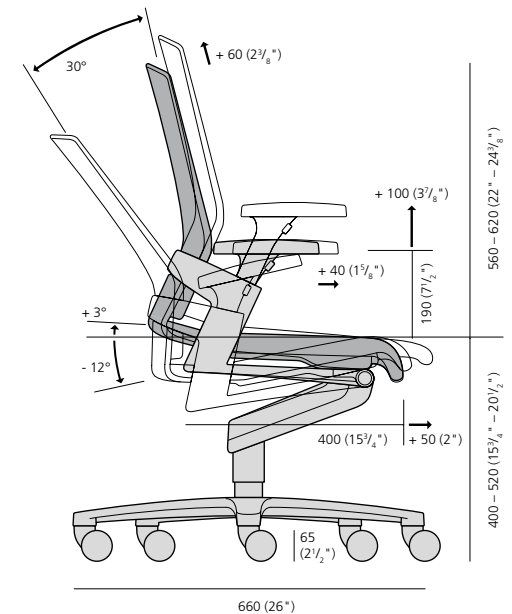
Swivel chairs with patented Trimension® for three-dimensional, automatic adjustment to any movement and posture. Infinitely adjustable counter pressure can be locked in the front sitting position. The backrest height is adjustable in six lockable positions. The seating height is infinitely adjustable at the touch of a button. Optional seat-depth adjustment. To match the swivel chairs, optionally stackable cantilever and four-legged visitor chairs.

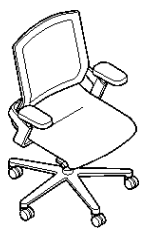
Frame versions. Office chairs with five-star bases made of black plastic or die-cast aluminium, coated, polished or bright chrome-plated, with swivel castors. Conference chairs have a four-star aluminium base with glides. Mechanism cover made of die-cast aluminium, shot blasted or coated, with black plastic cover. Cantilever and four-legged frames made of bright chrome-plated tubular steel with glides.

Seat and back. Highly elastic, black plastic seat shell with seat cushion. Comfort-grade upholstery with extra padding, management-grade upholstery with padding and facings at the sides. Elastic glass-fibre-reinforced backrest frame, covered with Fiberflex, optionally covered with fabric or leather. With management-grade upholstery with back cushioning and facings at the sides. Visitor chairs' glass-fibre-reinforced seat shells and backrest frames are all one piece.

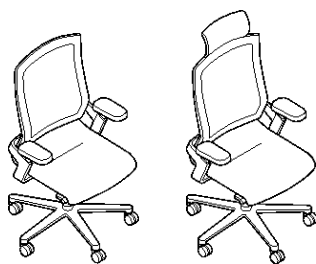
Armrests. The swivel chairs' glass-fibre-reinforced 3D armrests with armrest pads come in hard, softly padded or leather-covered versions. The armrests on the conference chairs are static. The black, through-dyed armrest pads on the cantilever and four-legged chairs are optionally upholstered and covered.

For pictures and detailed technical information visit: www.wilkhahn.com/on





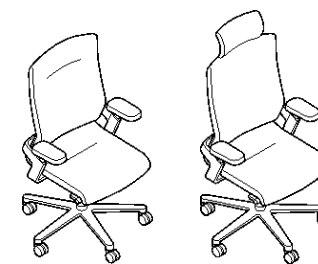
174/7
 i 40/52 | 97/109 ø 69 | 66
 (i 15³/₄"/20¹/₂" | 38¹/₄"/42⁷/₈"
 ø 27¹/₈" | 26")



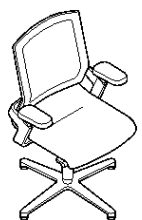
175/7
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 ø 27¹/₂" | 26")



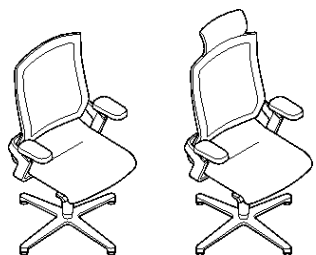
174/71
 i 40/52 | 97/109 ø 69 | 66
 (i 15³/₄"/20¹/₂" | 38¹/₄"/42⁷/₈"
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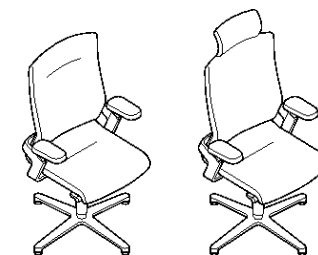
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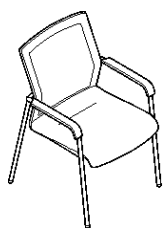
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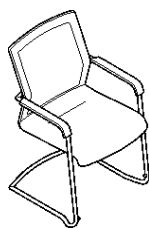
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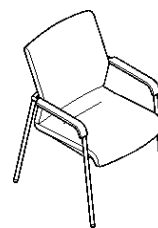
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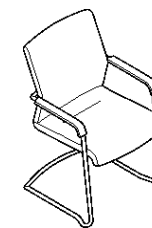
176/7
 i 43 | 90 ø 64 | 64
 (i 16⁷/₈" | 35³/₈" ø 25¹/₄"
 | 25¹/₄"



178/7
 i 43 | 92 ø 61 | 60
 (i 16⁷/₈" | 36¹/₄" ø 24" | 23⁵/₈"



176/71
 i 43 | 90 ø 64 | 64
 (i 16⁷/₈" | 35³/₈" ø 25¹/₄"
 | 25¹/₄"



178/71
 i 43 | 92 ø 61 | 60
 (i 16⁷/₈" | 36¹/₄" ø 24" | 23⁵/₈"

Models and dimensions.

Symbol i seating height | total height ø width | depth All dimensions in cm. Subject to change.

More about **ON**[®]

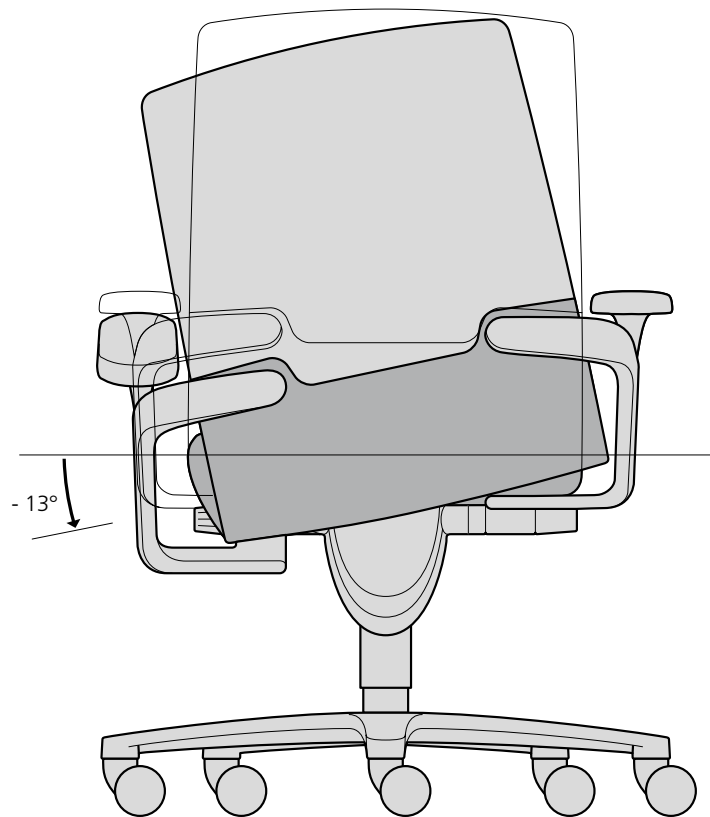
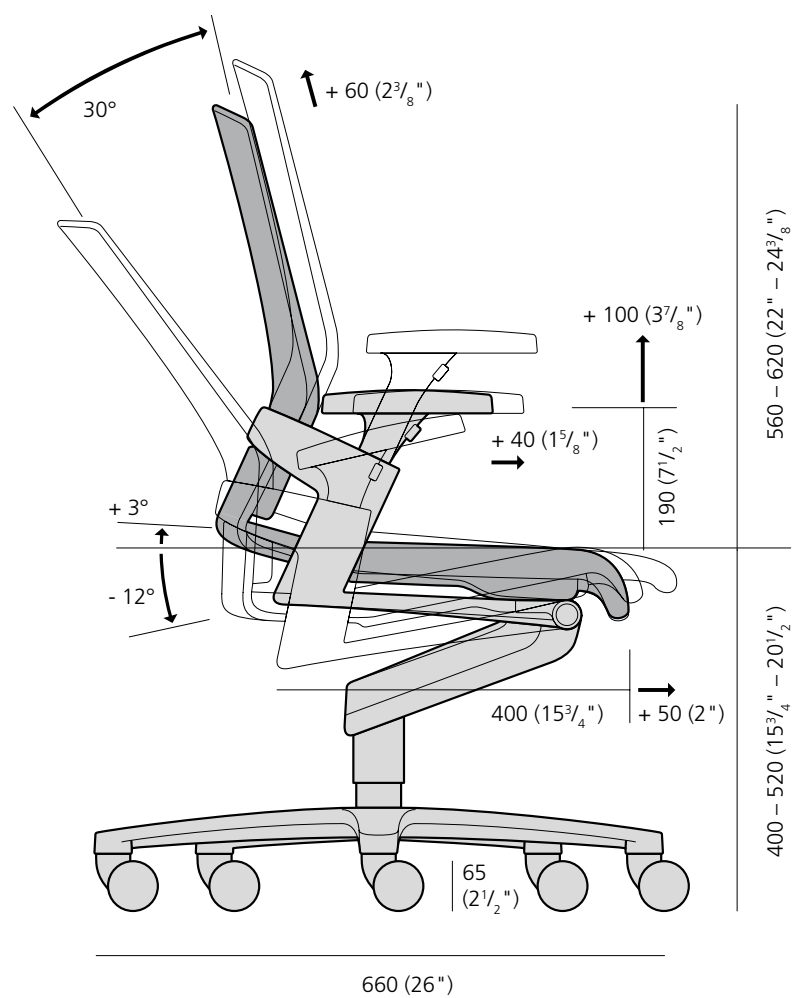


ON[®] Dynamic seating.

Wilkhahn







All dimensions in mm (inches).

Staying fit and active. Even today, we spend long periods of time in hunched positions, sitting still at our desks. But we've known for a long time that a varied range of motion is required for people to stay fit, healthy and do their jobs efficiently. Which is why we developed office chair ON. It's the world's first chair with Trimension®, a patented three-dimensional synchro-adjustment mechanism.

Similarly to the human body, two "hip joints" and two "thighs" that operate independently from one other foster bending and stretching, but also sideways and rotational movements. The natural, synchro-supporting flexibility of the hips activates the body without overtaxing it. This effectively prevents back pain, stimulates the metabolism, muscles and joints.



Scientifically tested. In developing ON, we worked closely with health- and sports-science experts. An initial lab study on comfort, types of motion, activation of muscles and subjective opinions about the chair, showed significant improvements compared with two-dimensional, dynamic seating concepts. As a result, researchers then investigated whether this new seating concept also boosted people's performance. The results of the study showed that compared with the control group, ON users' powers of concentration (in terms of speed, accuracy and consistency) had increased significantly after just three months. People's subjective feeling of well-being had also improved. In other words:

- in real-world conditions, the three dimensional range of motion is actually used;
- the new seating concept is felt to encourage healthy bodies;
- better powers of concentration can deliver tangible benefits after just a very short period of time.

But it's not just with regard to health that ON sets new benchmarks, it also scores high marks for ease of use and quality of the design. Top international awards prove that leading experts in all disciplines currently consider it the world's best office chair – whether it's a question of its ergonomics, design or its environmentally friendly concept.









The last thing people working in offices should be worrying about is how to use their office chair. Which is why ON is ready to use from the word go with two handy knobs and its integrated **rapid adjustment** of the counter pressure. For people weighing from 45 to 120 kg.

The chair's patented **seat-depth adjustment** is available on request and fascinatingly simple and clever. The front edge of the seat can be pulled, or pushed in by hand to adjust it to the length of your thighs.

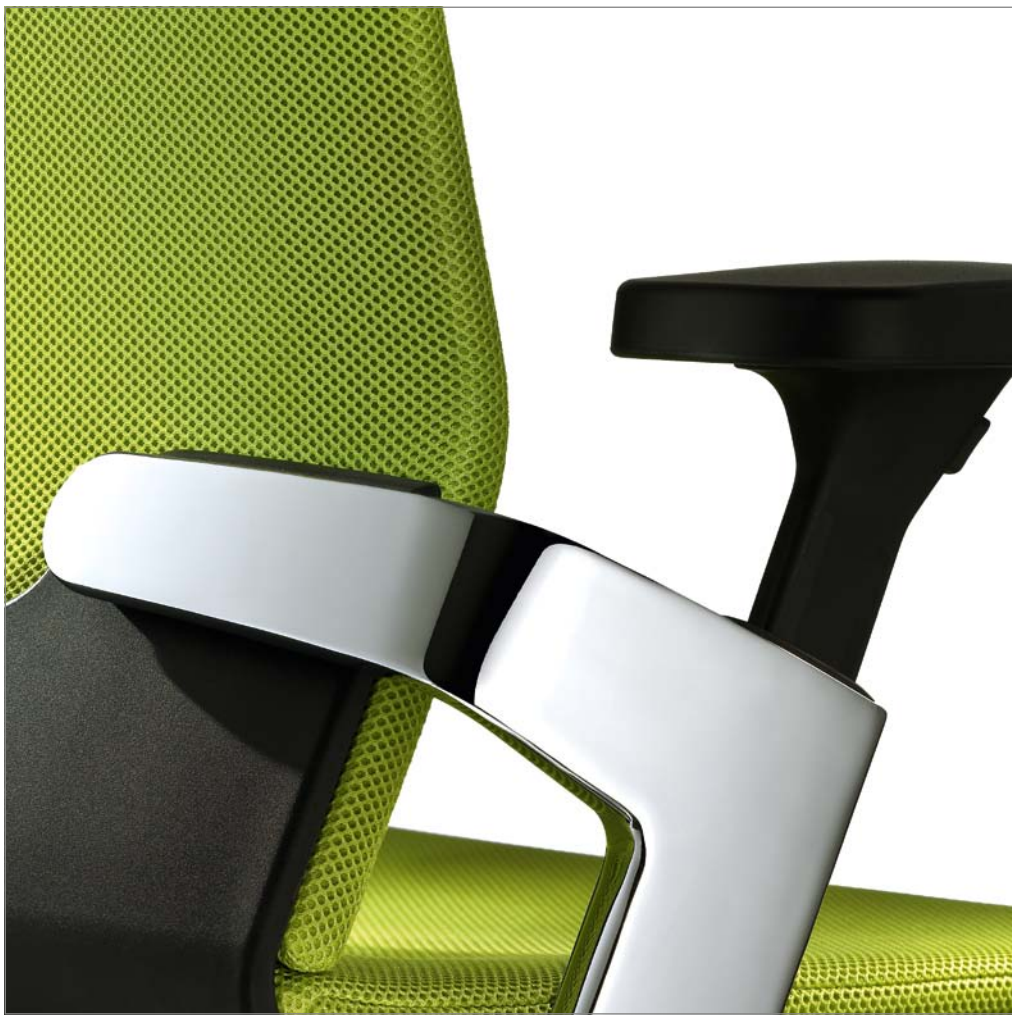


The armrests are integrated into the swivel plates and therefore mirror any movement made. At the touch of a button they can be pushed, turned and the height, depth and width adjusted. The **backrest height** can also be changed intuitively by simply pushing it up at defined stages.

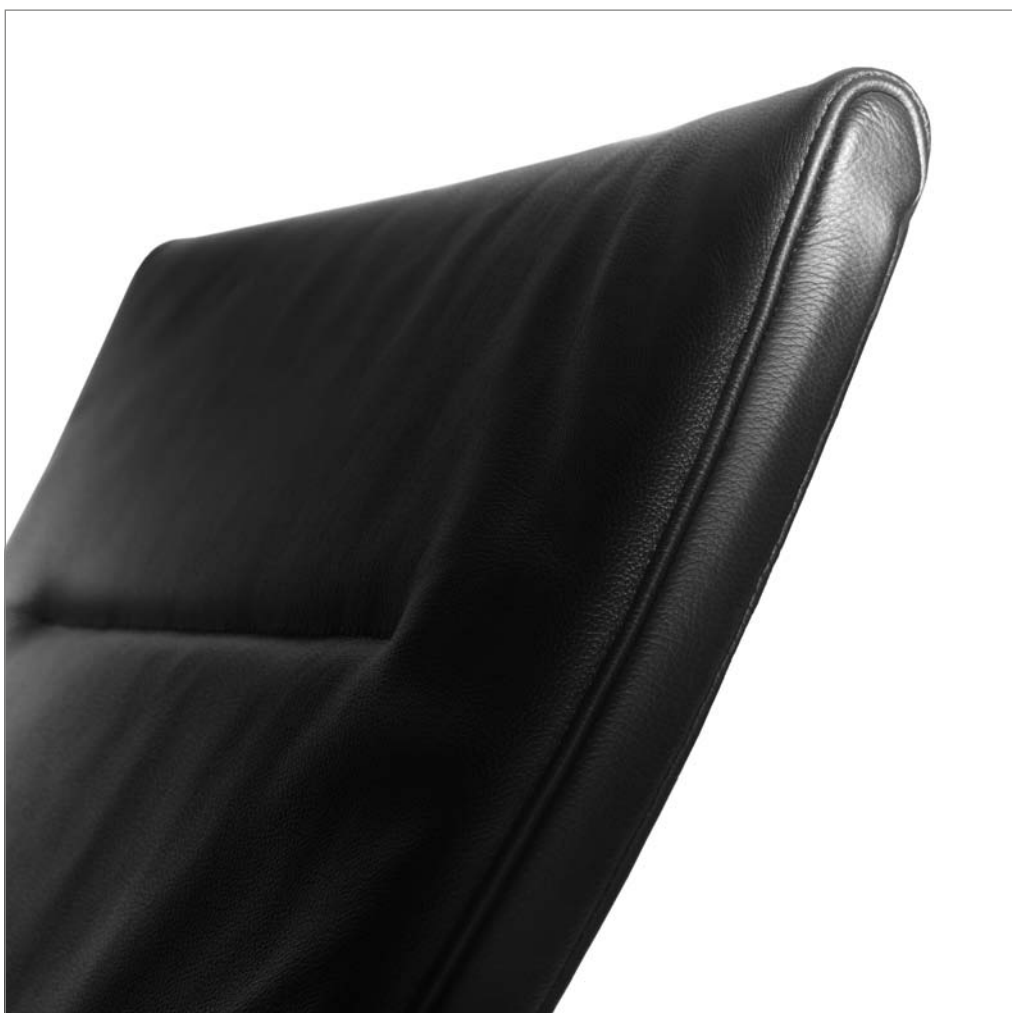




ON's ideal – even in conferences. Long meetings can be quite a trial if you have to sit still in hunched positions for too long. Luckily, there's an attractive office chair like ON. It simply does you good and by fostering greater powers of concentration it probably also avoids quite a few long-drawn out meetings. The four-legged visitor and elegant cantilever chairs are superb solutions for shorter meetings and conferences. They round off the range with the covered backrest frame that's so typical of ON. For seamless furnishing solutions.



Covers and colours. In addition to the standard Fiberflex version, there's a wide range of different materials and colours to select from. The backrest cover is then applied on top of the Fiberflex-covered frame. Because the seat cushions and backrest are easy to remove, the covers are simple to exchange.



The luxurious **management-grade upholstery** stands out with its facings and padded covers with fine stitched seams. It hints at the high quality of this range of models. With its high backrest, headrest and leather-upholstered armrest pads, ON is a true, top-notch executive chair.



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A diverse range. On offer are three sorts of upholstery, three back-rest heights and three types of armrests – all in various colours and fabrics. These features alone mean that this extensive product range ticks virtually all the boxes. There are also the conference models with four-star bases and the visitor chair models that can optionally be stacked. And last but not least, there's a choice of different frame materials and surfaces. For an ideal fusion of health-boosting facets, combined with first-class design and personal design options – go ON.

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www.deprojectinrichter.com

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