

bimos

# NEON



bimos

## PROBABLY THE BEST WORK CHAIR IN THE WORLD

We are Bimos, Europe's leading manufacturer of the best industrial and laboratory chairs. For over 60 years, using our specialist knowledge, technical expertise and dedication, we have been ensuring that seating keeps people productive, healthy and happy at every workplace.

We see the chair as an important link between people and their work. It has to adapt to the working environment without requiring people to adapt.

Our seating solutions are closely based on a combination of real-life experience and research. This enables us to deliver the best possible solution for any given work setting.

Innovative prowess and experience are also fundamental to the development of NEON – probably the world's best workplace chair.

**Welcome to Bimos.**



German  
Design Award

WINNER 2013



AUSGEZEICHNETE  
GESTALTUNG  
DEUTSCHER  
DESIGNER CLUB



reddot winner 2013



FUNCTIONALITY

## DEVELOPED TO MAKE WORK BETTER.

**NEON has enthusiastic owners everywhere.** NEON looks just as good in a conventional production environment as it does in ESD workstations or in laboratories. This is all down to its outstanding industrial ergonomics concept, combined with a large choice of upholstery and other equipment options.

**A product born of experience, research and practice.** The new NEON chair has been developed around three pillars: practical development, collaboration with the “Fraunhofer Institute for Industrial Engineering” and over 60 years of experience in producing workplace chairs – all of which results in the best quality and future-proof standards.

**Your employees deserve the best.** No other item of furniture epitomises the workplace as much as the chair – its impact on comfort, ergonomics and well-being cannot be understated. NEON combines functionality with identification on an emotional level, showing your employees they are truly valued. After all, value creation depends on a workforce feeling valued.

**The world of work is changing and placing new demands.** Simple jobs are increasingly giving way to complex tasks – the demands on employees are rising. If you want to attract qualified specialists, you have to offer the best possible working conditions. Ideal working conditions start with an ideal workplace chair – they start with NEON.

**Investing in motivation, productivity and efficiency.** Future production systems place new demands on work equipment – and workplace chairs are no exception. A high level of technical and design quality boosts motivation, concentration and productivity. Studies show that up to 36 % performance increases can be achieved.

**Modernise your production line and your laboratory.** Today, it is not only the final product that matters, but also how it was made – from certification through to occupational safety and even the public perception of modern manufacturing practices. Representative, functional seating solutions such as NEON constitute a visible upgrade for work-spaces. Modernise your production line or your laboratory with NEON.



AREAS OF APPLICATION

## THE ALL-ROUNDER FOR SPECIAL REQUIREMENTS.

As diverse as workplace requirements are, so are the variants of NEON. Whether at high or low workstations, through its impressive aesthetics or functional versatility – NEON sets new standards. For this, it has been awarded the German Design Award and the Red Dot Award.



AREAS OF APPLICATION

## UP TO ANY TASK.



-  Production workspaces
-  Research and development
-  Work areas with alternating users
-  High-level workstations
-  Low-level workstations
-  ESD workstations
-  Can be used in laboratories
-  Work areas that call for extensive freedom of movement

- + Easy-care
- + Washable
- + Resistant
- + Suitable for repair
- + Robust

- + Durable
- + 10-year warranty
- + Economical
- + Adaptable
- + Flexible

AREAS OF APPLICATION

# THE RIGHT VERSION FOR EVERY WORKPLACE.



**NEON 1**  
With glides



**NEON 2**  
With castors



**NEON 3**  
High, with mounting aid  
and glides



**NEON XXL**  
Synchronous  
mechanism



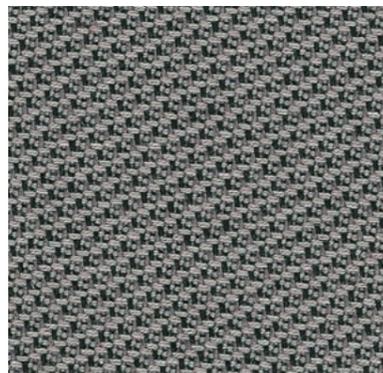
TÜV-tested  
load capacity  
up to 180 kg.

**Production.** Production facilities place the highest demands on the resilience and robustness of the chair and its materials.

**ESD workstations.** ESD chairs from Bimos fulfil the requirements of the EN 61340-5-1 standard for use in EPAs (ESD Protected Areas). With their optimum selection of materials and joining technology, Bimos chairs ensure that electrostatic charge is safely dissipated. The typical discharge resistance is  $10^6 \Omega$ .

**Laboratories.** In the laboratory, materials must be washable and resistant to disinfectants. Grooves and crevices are kept to a minimum for easier cleaning.

# COMFORTABLE CUSHIONS FOR DEMANDING ENVIRONMENTS.



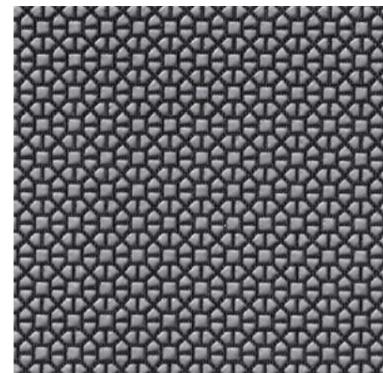
**Duotec fabric.** Is particularly well-suited to clean environments. Fabric covers are breathable and they can also absorb and release moisture. The particularly soft surface ensures maximum comfort – even when sitting for long periods. The Duotec fabric is hard-wearing and can be cleaned with commercially available upholstery cleaning agents.

- + Breathable
- + Comfortable
- + Hard-wearing
- + Fire safety tested in accordance with DIN EN 1021-1 and 2



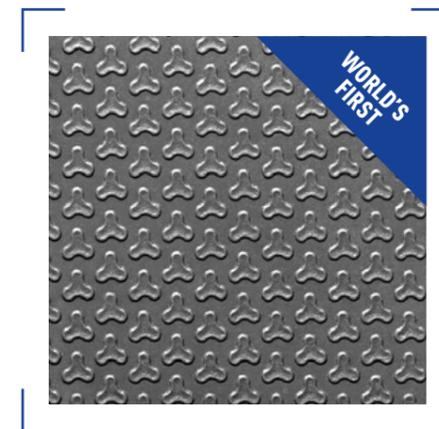
**Magic artificial leather.** Is hard-wearing, easy to clean and resistant to all commercially available disinfectants. It is free of PVC and plasticisers and remains supple for years. This, in turn, reliably prevents cracks in the surface. Moreover, it is free of harmful phthalates and is neither detrimental to employees nor to the environment.

- + Washable
- + Easy-care
- + Certified resistance to disinfectants
- + Soft and comfortable
- + Free of PVC and plasticisers
- + Fire safety tested in accordance with DIN EN 1021-1 and 2



**Supertec.** Is a particularly innovative cover material. It is made from extremely hard-wearing, cut-resistant, non-slip micro-plating, as well as a soft backing material for optimal comfort. The breathable materials ensure a pleasant sitting experience even on hot days. Supertec is an easy-care material that is resistant to cleaning agents.

- + Worldwide unique material
- + Robust and hard-wearing
- + Soft and comfortable
- + Easy-care and resistant to cleaning agents
- + Fire safety tested in accordance with DIN EN 1021-1 and 2
- + Non-slip



**Skintec.** The innovative upholstery surface was specially developed at Bimos and impresses with its aesthetics. The soft upholstery core guarantees exceptional seating comfort. The padding is extremely robust and durable, as well as particularly easy to clean and resistant to common disinfectants. The novel manufacturing process is free from environmentally harmful substances. Thus, Skintec combines sustainability, comfort, aesthetics, hygiene, and durability.

- + Easy to clean, washable, and resistant to disinfectants
- + Exceptional seating comfort
- + Shape-retaining
- + Resistant and hard-wearing
- + Conductive in all colours
- + Sustainable production process
- + Free of environmentally harmful substances (phthalates, PVC and softeners)
- + Fire safety tested in accordance with DIN EN 1021-1 and -2
- + Non-slip



INTERCHANGEABLE CUSHION

## EASILY REPLACEABLE AND THEREFORE INDISPENSABLE.

Changing the upholstery on NEON is extremely simple using the 1+1 system: The upholstery elements are simply positioned on the chair and secured in place with one click. To make removing each element as straightforward as possible, each section of upholstery has a small handle.

NEON is made up of two elements: The chair element with frame and mechanism and the upholstery element. Both elements can be configured individually and combined any way necessary. There are many benefits to this.

**Sustainability.** When you need new upholstery, you don't have to replace the entire chair.

**Flexibility.** If NEON has to be used in a different work area, only the upholstery element has to be replaced.

**Economy.** You invest in a chair only once and in new upholstery as necessary.

**Individuality.** The upholstery determines the area of application: Changing upholstery surfaces meet the needs of changing loads.



**Fast delivery.** The modular setup removes the need to manufacture each chair individually once ordered. This keeps delivery times extremely short.

**Changeable upholstery.** Different employees using the same workstation – e.g. in multiple shift operation – can always use their own personal upholstery.

**Laboratory use.** There are two material variants available specifically for laboratory applications: one ultra-resistant and tactile structured integral foam (PU) or the soft and comfortable Magic artificial leather.



ERGONOMICS

## ADJUST THE CHAIR, NOT THE PERSON.

NEON achieves something previously considered impossible in the field of workplace chairs: Namely, it adapts itself to every work situation just as well as people do, all while proving extremely comfortable. Even though it's already ideally suited to industrial applications, NEON makes no compromises when it comes to its ergonomic attributes.



ERGONOMICS

## THE HUMAN IS THE MEASURE.



**Comfortable.** NEON brings the comfort of modern office chairs to the production line and the laboratory – optimum physical support, an excellent seating climate and maximum comfort. The ergonomic shape of the upholstery is key to the high level of comfort. Despite its sleek form, NEON is generously upholstered.



**Self-explanatory.** Adjustment options are only worthwhile if they are used – that's why a chair has to be intuitive to operate. This is all the more important in the production sector, for instance, where the same chair is often used by multiple people. NEON comes into its own here, with clearly designed controls that are intelligently designed to be immediately obvious to the user.



**Convincing.** In an assessment based on the "Arbeitswelt 2015<sup>plus</sup>" study, the Fraunhofer Institute for Industrial Engineering reached the following conclusion: The NEON workplace chair has great potential to revolutionise the world of work in production environments. It is a sign of high quality and notable appreciation at the workplace – which in turn boosts motivation and commercial success.

# SETS THE STANDARD FOR ACTIVE-DYNAMIC SITTING.

Working in production facilities involves lots of repeated motion sequences that require a lot of physical effort or fine motor skills, and in many cases, an ideal posture cannot be maintained relative to the workpiece. To ensure that sitting remains active and dynamic in spite of these restrictions,

and to prevent users being forced into unnatural postures, a chair must adapt perfectly to the work environment and the person sitting in it. NEON is the first workplace chair to truly fulfil this requirement and, thereby protect the health and productivity of the workers.

## The ergonomics package is included with NEON.

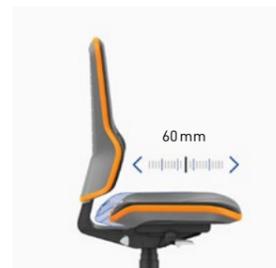


NEON has every possible adjustment option to meet the needs of different body sizes and weights on the one hand and wide-ranging work tasks on the other.

**Height adjustment.** The height adjustment feature allows the chair to be adjusted to suit the user height and the workstation height. At up to 280 mm, the adjustment range on NEON is particularly generous.



**Seat inclination adjustment.** Many tasks in production are performed in a posture which is slightly raised and angled forwards. A tilted seat ensures a seating angle of at least 90° while also maintaining contact between the back and the backrest.



**Seat depth adjustment.** The seat depth adjustment adapts the depth of the seat to the body size and therefore provides an ideal surface for the thighs to rest on. Contact between the backrest and the back, and therefore the back's support, is always maintained.

There are two mechanical concepts available for active-dynamic sitting: the permanent contact backrest and the synchronous mechanism.



**Permanent contact backrest.** NEON follows the movement of the person and thereby makes sure that the back always has the ideal support. The weight regulation function guarantees that leaning resistance and body weight stay balanced. The permanent contact backrest is particularly suitable for work that primarily leans forward to maintain a small distance between the workpiece and the eyes (e.g. in precision engineering or in the laboratory).



**Synchronous mechanism.** NEON ensures that seated tasks are still active and dynamic and also incorporates weight regulation. The seat and back follow the body in its movement. It creates a feeling that is best described as "weightless gliding". The synchronous mechanism really comes into its own in office-style work situations, when working at a screen and when frequently changing sitting position.



**Backrest height adjustment.** The backrest height adjustment ensures that people are ideally supported – especially around the lumbar region – no matter their size.



**Weight regulation.** The individually adjustable counterpressure of the backrest means that both light and heavy people can sit dynamically.



**4D armrests.** To relieve the upper body and the arms, the 4D armrests from NEON can be adjusted in height, width and depth and can even pivot.



**Footrests and mounting aids.** The mounting aid runs alongside the seat height adjustment and the seat rotation, so it is always exactly where you need it. The extra-large tread offers excellent grip, is height-adjustable and can fold upwards by 90°.

DESIGN

## FORM FOLLOWS FUNCTION.

In terms of workstation quality and design quality, the production and laboratory sectors are edging closer and closer to the office sector. For a long time, aesthetics has played an important role in machines in the production sector. In terms of the workplace chair, NEON is the first solution that satisfies the design demands of the modern working world. As a leader in innovation, Bimos succeeded in answering the technical and ergonomic requirements of production and laboratory workstations through an attractive and contemporary design. With NEON, Bimos is bringing innovative design to the production line and the laboratory.



DESIGN

## NEON IS AWARD-WINNING.

**Clear lines.** The most eye-catching feature of NEON is the flex strip that wraps around its edge. This not only emphasises its crisp contours and gives NEON an unmistakable face; it also forges the connection between the hard shell and the comfortable core. As such, the flex strip is not just visually playful, it also protects the chair and its surroundings and creates smooth transitions between materials. Winner of the Red Dot.

**NEON is a PHOENIX.** NEON was one of the first workplace chairs to be developed in partnership with the renowned design agency PHOENIX. The founders Andreas Haug and Tom Schönherr firmly believe in a design philosophy that unites ethics, aesthetics, economy, ecology, precision and innovation – values that NEON also embodies.

**PHOENIX**



**Freedom.** In contrast to workstations in the office, it is important that workplace chairs always guarantee maximum freedom of movement. An example of this is the tapered backrest. It allows a wider reach without having to compromise on back support.



**Colour.** Gone are the days when a workplace chair had to be conservative and plain. NEON is breaking new ground and seizing colour as an emotional link between people and their work. This forms part of NEON's single goal: To bring fun into the workplace. In addition to the various options for upholstery colour, the flex strip is available in the following colours: **orange, blue, green and grey.**

## ECOLOGICAL RESPONSIBILITY

# NEON IS A REAL ANGEL.

**NEON is the first workplace chair to be awarded the Blue Angel.**

**Recycling begins at the point of development.** NEON has been designed so that virtually all of its materials can be recycled.

**Quality is the best way to preserve resources.** Nothing protects the environment more than a product that doesn't need to be replaced. NEON has been developed for absolute durability. That's why it comes with a ten-year warranty.

**Modular design for efficient service.** If, however, anything does go wrong with your NEON, all components can be replaced quickly and easily.

**The 1+1 system for sustainability.** With the innovative changeable upholstery system from NEON, damaged upholstery can be changed with just one click.

**NEON has green roots.** As an Interstuhl brand, Bimos has been paving the way in environmentally responsible production ever since the mid-90s. The steadfast approach to environmental management is certified in accordance with the EMAS regulation and, naturally, fulfils the ISO 14001 standard.

**Green credentials shown in black and white.** An environmental data sheet is available for every NEON. This provides environmental performance indicators of all components: From the screw to the upholstery.





**NEON 1** Glides  
**NEON 2** Castors for hard floors  
**NEON 3** Glides and mounting aid  
**NEON XXL** Castors for hard floors



**ESD NEON 1** Glides  
**ESD NEON 2** Castors for hard floors  
**ESD NEON 3** Glides and mounting aid  
**ESD NEON XXL** Castors for hard floors

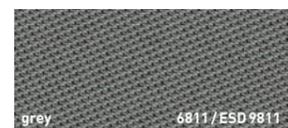
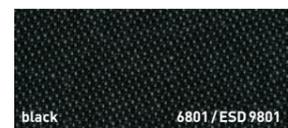


**LABORATORY NEON 1** Glides  
**LABORATORY NEON 2** Glides and mounting aid  
**LABORATORY NEON 3** Castors for hard floors

Permanent contact backrest	9560	9563	9561	-	9560E	9563E	9561E	-	9560	9563	9561
Synchronous mechanism	9570	9573	9571	●	9570E	9573E	9571E	●	9570	9573	9571
Duotec fabric	○	○	○	○	○	○	○	○	-	-	-
Magic artificial leather	○	○	○	○	○	○	○	○	○	○	○
Skintec	○	○	○	○	○	○	○	○	○	○	○
Supertec	○	○	○	○	○	○	○	○	-	-	-
Ergonomic package with seat height adjustment, seat inclination adjustment, seat depth adjustment, backrest height adjustment	●	●	●	●	●	●	●	●	●	●	●
Aluminium base, black	●	●	●	●	●	●	●	●	●	●	●
Polished aluminium base	-	-	-	-	○	○	○	-	○	○	○
4D armrests	9589	9589	9589	-	9589E	9589E	9589E	-	9589	9589	9589
Heavy-duty armrests	-	-	-	9579	-	-	-	9579E	-	-	-
Foot ring	9478	9478	9478	-	9478	9478	9478	-	9478	9478	9478
Stop & Go castors	807	807	807	-	807	807	807	-	807	807	807
With head support   Without head support	-	-	-	9576   9575	-	-	-	9576E   9575E	-	-	-

● Standard ○ Option

Duotec fabric



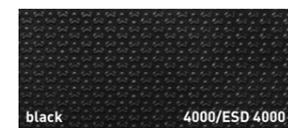
Magic artificial leather



Supertec



Skintec



Bimos – a brand of  
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bimos



COMPANY

PRODUCTS

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