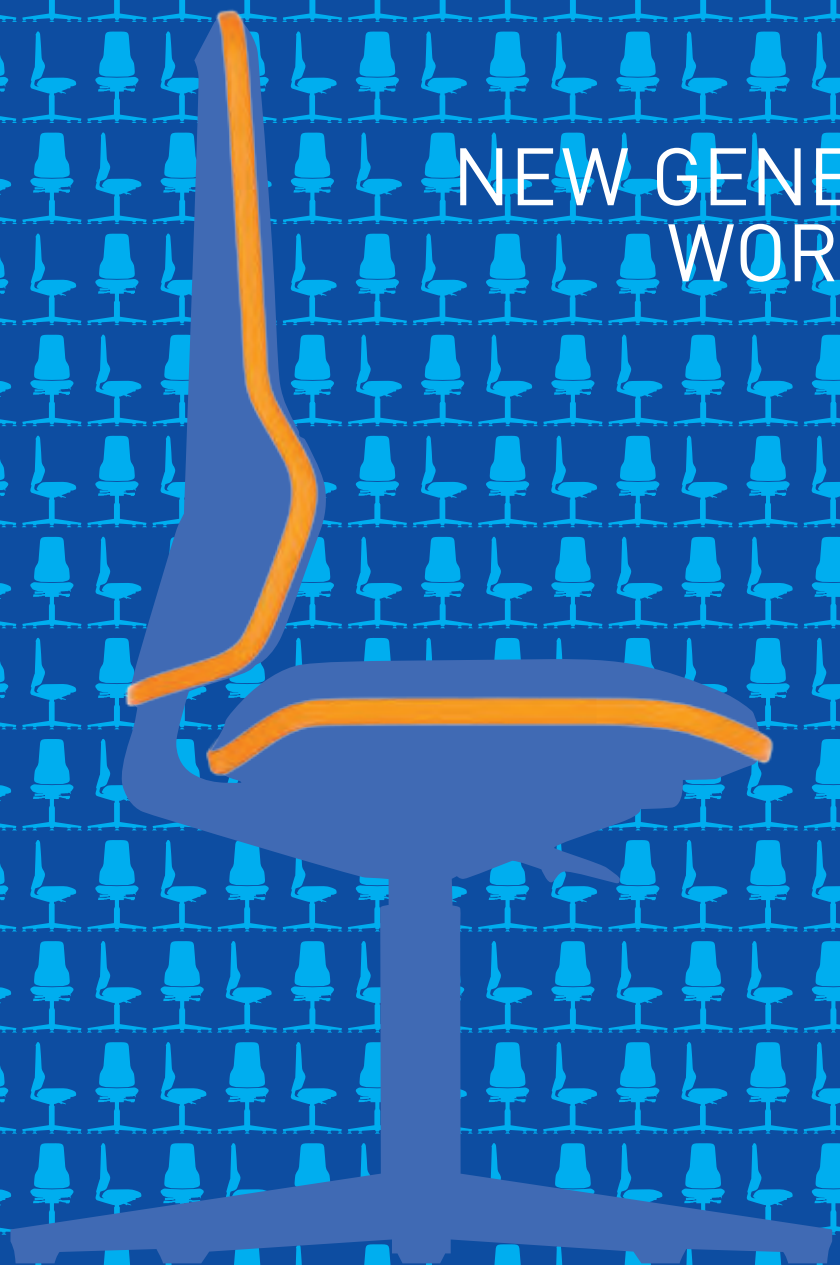
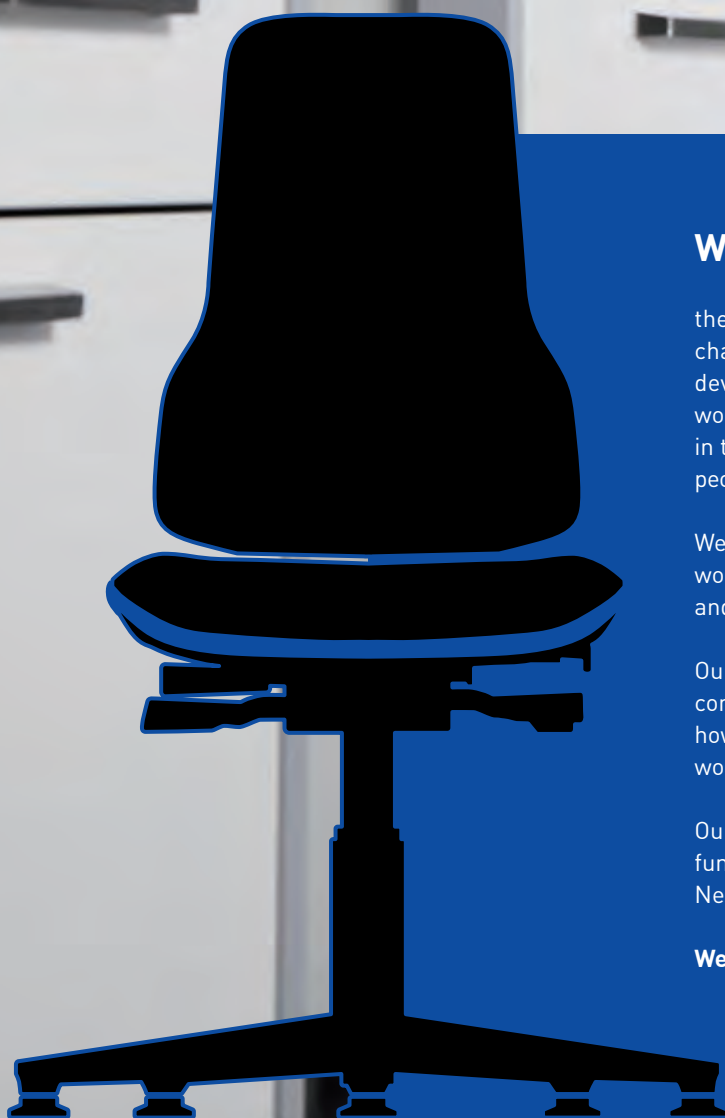


bimos

**NEON**  
NEW GENERATION  
WORKPLACE  
CHAIRS



# NEON – INDUSTRIAL AND LABORATORY SEATING SOLUTIONS



## **We are Bimos,**

the leading manufacturer of industrial and laboratory chairs in Europe. For more than 50 years we have been developing and manufacturing seating solutions for workplaces outside the office: in production, in ESD areas, in the laboratory, in the clean room, and in any areas where people have to stand to work.

We look at the chair as a tool that has to support people at work in the best possible way. The chair connects people and their work. For people, their chair is their workplace.

Our seating solutions are always developed with a combination of practical experience and research. This is how we are able to offer the best possible solution for any work situation.

Our capacity to innovate and our experience are fundamental strengths that have enabled us to develop Neon – the best workplace chair in the world.

**Welcome to Bimos.**



reddot design award  
winner 2013



# Neon is ideally equipped for industrial or laboratory use

low-maintenance  
washable  
robust  
easy to repair  
tough  
durable  
10 year warranty  
economical  
adaptable  
flexible  
conforming to body shape  
ergonomic  
freely configurable  
right upholstery for every application  
safe and conforming to standards (GS)







**production areas**



**research and development**



**work places with many different users**



**high workplaces**



**low workplaces**



**ESD workplaces**



**laboratory workplaces**



**workplaces in which maximum freedom  
of movement is necessary**

# Neon is brilliantly equipped for every use

## The right version for every workplace

The variations of the Neon are just as diverse as the many different requirements of workplaces. No matter if the chair is to be used at a high or low workplace, whether it

has glides or castors, or whether it is needed for specialist use in production, or in ESD areas or laboratories: Neon is always Neon.



**Neon 1**  
with glides

**Synchronous technology**  
or  
**Permanent contact**



**Neon 2**  
with castors

**Synchronous technology**  
or  
**Permanent contact**



**Neon 3**  
high with mounting aid and glides

**Synchronous technology**  
or  
**Permanent contact**



### **Production**

In the field of manufacturing the highest demands are placed on the resilience and robustness of the chair and the materials.

### **Laboratory**

In the laboratory, materials must be washable and resistant to disinfecting agents. Furthermore, surfaces with as few joins and seams as possible make cleaning easier.

### **ESD**

Bimos ESD chairs fulfil the requirements of the EN 61340-5-1 standard for use in ESD protected areas (EPAs). By choosing the best possible materials and joining technologies, Bimos chairs ensure that electrostatic charges can be safely eliminated. Typical discharge resistance is  $10^6 \Omega$ .

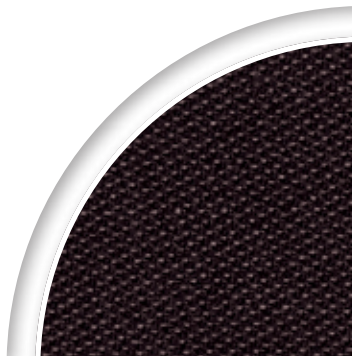
## Just choose your upholstery

Every working environment presents its own demands in terms of upholstery and cover materials. For this reason, there are four different upholstery choices for Neon: Duotec fabric, Magic synthetic leather, integral foam, or

Supertec, a world first among cover materials. Regardless of the surface you choose, Neon offers the maximum quality, sitting comfort and pleasant sitting climate.

### Duotec fabric

- breathable
- comfortable
- soft
- hard-wearing



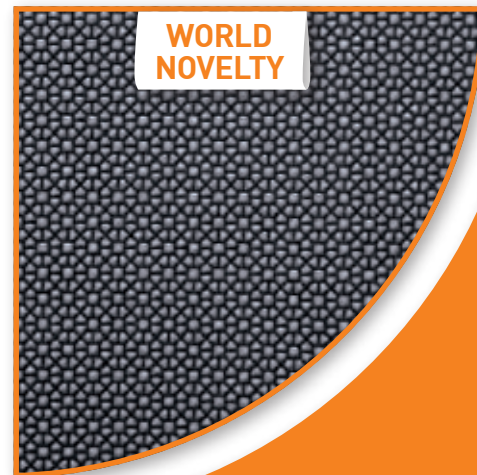
### Integral foam

- extremely tough and durable
- washable
- capable of withstanding mechanical damage
- resistant to flying sparks
- impervious to mild acids and alkalines



### Magic synthetic leather

- washable
- low-maintenance
- impervious to oil and disinfecting agents
- soft and comfortable



### Supertec

protective studs



breathable

Partly hard, yet overall very soft.

Supertec, a **world first** among cover materials. Thanks to its micro-studs, it is extremely robust, yet breathable, soft and comfortable and combines therefore the advantages of fabric and PU-foam.

- comfortable and soft
- breathable
- very robust
- cut resistant
- non slip
- easy to clean

# Neon – the many shapes of ergonomics

## Adjust the chair, not the person

People working in manufacturing workplaces may use a good deal of energy, or they may be doing delicate work; in either case they often make repetitive movements, and it is not always easy to find an ideal position in relation to the workpiece. So in order to provide active-dynamic sitting,

and to avoid forced postures, a chair has to be perfectly adapted to the work environment and to people. Neon is the first workplace chair that genuinely fulfils this requirement, thereby protecting the health and productivity of employees.

### The ergonomics package – Neon is all-inclusive



#### Neon has the technology

Neon can be adjusted in every possible way to cater for different body sizes and weights on the one hand, and the most varied activities on the other.

#### • Height adjustment

Height adjustment allows adjustment to body size and height of workplace. The adjustment range of Neon – up to 280 mm – is particularly large.

#### • Seat inclination adjustment

Many jobs in manufacturing are carried out in slightly raised positions, and require people to bend forward. A correspondingly inclined seat provides a seat angle of at least 90° while at the same time providing contact with the backrest.

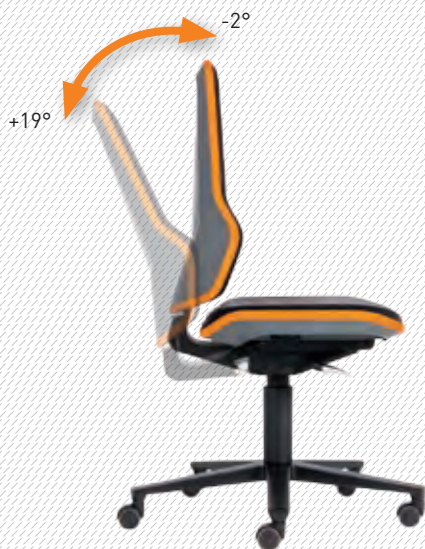
#### • Seat depth adjustment

The seat depth adjustment matches the depth of the seat to the size of the body, giving the best possible contact surface for the thighs. Contact with the backrest, and therefore the support it provides, are maintained.



## Choice of two basic mechanisms for active-dynamic sitting

Two mechanical concepts are available: the permanent contact backrest, and synchronous technology.



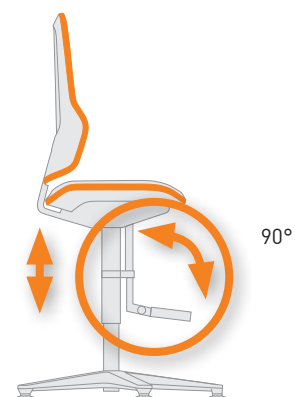
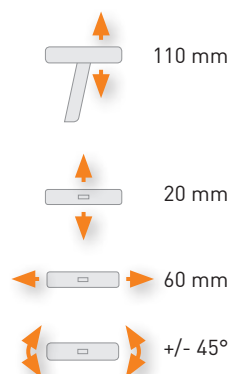
### The permanent contact backrest ...

... follows the user's movements, and ensures that the back always remains fully supported. The weight regulation ensures that the balance between the resistance of the backrest and the body weight is always steady. The permanent contact backrest is ideal for work where people have to have to lean forward for a long time, with only a small distance between eyes and workpiece (e.g. working at close range or in the laboratory).



### Synchronous technology ...

... provides an active-dynamic sitting experience with weight regulation. The seat and backrest accompany the body as it moves. This gives the user a feeling that can best be described as "weightless floating". The synchronous technology comes into its own where users are working at desk-related jobs, working at a screen, or constantly changing their sitting position.



- **Backrest height adjustment**

The backrest height adjustment ensures that a person is ideally supported – above all in the lumbar region – no matter how tall he/she is.

- **Weight regulation**

By adjusting the pressure of the backrest, both light and heavy people can sit with the correct posture.

- **4D armrests**

To reduce the strain on the upper body and arms, the height, breadth and depth of Neon's 4D armrests can be adjusted, and can also be swivelled.

- **Foot support and mounting aid**

The mounting aid rotates with the seat height adjustment as well as when the seat is swivelled, so is always exactly in the right position. The very large step provides good grip; its height is adjustable, and it can be folded upwards by 90°.

# 1+1: the Neon system

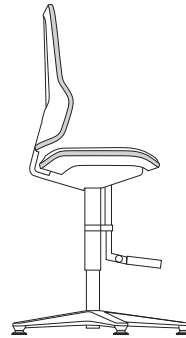


Neon consists of two elements: the chair element with base and mechanism and the upholstery element. Both elements can be configured independently and are freely combinable. This offers many advantages:

- **Sustainability:** When new upholstery is needed, you do not need to dispose of the whole chair.
- **Flexibility:** If Neon is to be used in another area of work, it is only the upholstery element that needs to be changed.
- **Economy:** A single investment in a chair, and then only replace upholstery when necessary.
- **Individuality:** Upholstery determines use: changing upholstery surfaces suit changing uses.
- **Speed of delivery:** The modular construction means that not every chair has to be individually made after an order is received. This leads to extremely short delivery times.
- **Changeable upholstery:** Different employees in the same workplace – for instance on multiple shift work – can use their own personal upholstery.
- **For laboratory use:** Two different types of material are available for the specific use in laboratories: An extremely robust and durable and pleasantly structured PU-foam or the soft and comfortable artificial leather Magic.



Chair elements



|                            | Neon 1<br>with glides<br>Seat height 450 – 620 mm  |  | Neon 2<br>with castors<br>Seat height 450 – 620 mm   |  | Neon 3<br>high with mounting aid and glides<br>Seat height 590 – 870 mm  |  |
|----------------------------|--|--|--|--|--|--|
| Version                    | Production and laboratory  | ESD  | Production and laboratory  | ESD  | Production and laboratory  | ESD  |
|                            | Order no.  | Order no.  | Order no.  | Order no.  | Order no.  | Order no.  |
| Permanent contact backrest | 9560   | 9560E  | 9563   | 9563E  | 9561   | 9561E  |
| Synchronous technology     | 9570   | 9570E  | 9573   | 9573E  | 9571   | 9571E  |
| Features                   | Conforming to ESD standard EN 61340-5-1  |  | Conforming to ESD standard EN 61340-5-1  |  | Conforming to ESD standard EN 61340-5-1  |  |
|                            | <b>Ergonomic package</b><br>Seat height adjustment<br>Seat inclination adjustment<br>Seat depth adjustment<br>Backrest height adjustment | <b>Ergonomic package</b><br>Seat height adjustment<br>Seat inclination adjustment<br>Seat depth adjustment<br>Backrest height adjustment | <b>Ergonomic package</b><br>Seat height adjustment<br>Seat inclination adjustment<br>Seat depth adjustment<br>Backrest height adjustment | <b>Ergonomic package</b><br>Seat height adjustment<br>Seat inclination adjustment<br>Seat depth adjustment<br>Backrest height adjustment | <b>Ergonomic package</b><br>Seat height adjustment<br>Seat inclination adjustment<br>Seat depth adjustment<br>Backrest height adjustment | <b>Ergonomic package</b><br>Seat height adjustment<br>Seat inclination adjustment<br>Seat depth adjustment<br>Backrest height adjustment |
|                            | <b>Aluminium base</b><br>Black<br>Optional: aluminium polished   | <b>Aluminium base</b><br>Black<br>Optional: aluminium polished   | <b>Aluminium base</b><br>Black<br>Optional: aluminium polished   | <b>Aluminium base</b><br>Black<br>Optional: aluminium polished   | <b>Aluminium base</b><br>Black<br>Optional: aluminium polished   | <b>Aluminium base</b><br>Black<br>Optional: aluminium polished   |
|                            | <b>Backrest shell</b><br>Basalt grey   | <b>Backrest shell</b><br>Black, conductive   | <b>Backrest shell</b><br>Basalt grey   | <b>Backrest shell</b><br>Black, conductive   | <b>Backrest shell</b><br>Basalt grey   | <b>Backrest shell</b><br>Black, conductive   |

Flex strip



Happy orange (standard)  
Order no. 3279



Mars green  
Order no. 3280



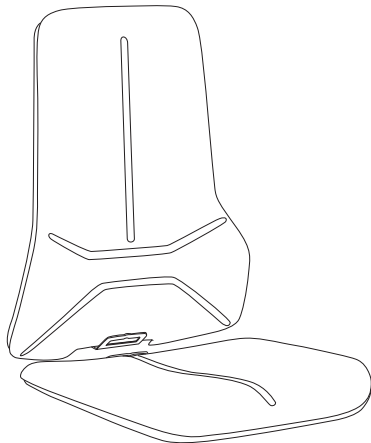
Cool grey  
Order no. 3278



Ocean blue  
Order no. 3277

Upholstery element

Best.-Nr. 9588  
Best.-Nr. [ESD] 9588E



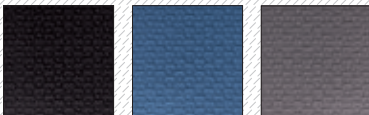
Duotec fabric



Black 6801      Blue 6802      Grey 6811

for ESD 9801      for ESD 9802      for ESD 9811

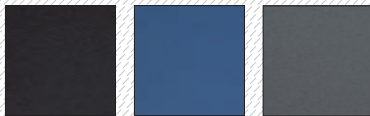
Integral foam



Black 2000      Blue 2001      Grey 2002

for ESD 2000

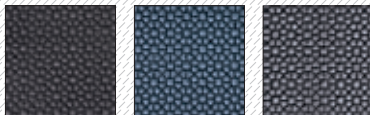
Magic synthetic leather



Black MG01      Blue MG02      Grey MG11

for ESD MG01

Supertec



Black SP01      Blue SP02      Grey SP11

**Bimos** – a brand of  
Interstuhl Büromöbel GmbH & Co. KG  
Brühlstraße 21  
72469 Meßstetten-Tieringen, Germany  
Phone +49 7436 871-111  
Fax +49 7436 871-359  
info@bimos.de  
bimos.com

Your Bimos partner:

