

# 9200 PAPILIO

DESIGN BY  
JUSTUS KOLBERG

Experience the best possible comfort.  
This ergonomic task chair series encourages you  
to dynamically vary your postures. The clean  
lines are the hallmarks of this series' industrial  
design language. The constructive elements double  
as design features. Available in many variations  
geared towards a plethora of working environments,  
functionally complemented by visitor chairs.



## CONTENT

Variations	2
Product data	6
Ergonomics	14
Materials, finishes	17
Solutions	18
Quality	19
Sustainability	20
References	21



After having studied industrial design in Kiel, Justus Kolberg started working for Italian design studios. Upon his return to Germany, he designed several successful seating series for Wiege Entwicklungsgesellschaft. He is a freelancer since 1997. Many internationally renowned furniture manufacturers value his intelligent designs. As does Kusch+Co by giving him the opportunity to develop his special passion for contract seating.

# VARIATIONS

---

## 9200 SWIVEL SIDE CHAIR / SWIVEL ARMCHAIR

Whether in the office or in a conference room, Papilio always provides the best possible comfort. The task chairs come with an upholstered backrest available in two heights or with a high mesh backrest. The swivel armchair either features 2D or 3D armrests; glides instead of castors are optional.



---

## 9200 SWIVEL COUNTER SIDE CHAIR / SWIVEL COUNTER ARMCHAIR

The high variation of the swivel chairs / swivel armchairs featuring a chrome footrest are ideally suited for workstations where customers must be addressed at eye level. Available with a medium-high upholstered backrest or a high mesh backrest. The counter swivel armchair comes with 2D or optional 3D arms.



---

## 9230 CANTILEVER

The cantilevers, characterised by clean lines and optimum ergonomics, are ideally cut out for use in waiting areas and conference rooms. The armchairs feature a generously sized upholstered backrest as well as elegantly arched armrests. A stacking cantilever frame is optionally available.



---

## 9270 CANTILEVER

These cantilevers offer a great deal of scope to tailor the backrest design to the interior. The cantilever side chairs and armchairs can be combined with a mesh backrest, a perforated plastic backrest or a plastic backrest with an upholstered pad. A stacking cantilever frame is optionally available.



---

## 9290 FOUR-LEGGED FRAME

An elegant visitor chair featuring a backrest with matching design aesthetics when paired with the task chairs. Both side chair and armchair are stacking. The backrest comes in three variations: a mesh backrest, alternatively a perforated plastic backrest or a plastic backrest with an upholstered pad.



# VARIATIONS

## 9200 SWIVEL SIDE CHAIR / SWIVEL ARMCHAIR



High upholstered back, ESD version<sup>1</sup>

Medium-high upholstered back

High upholstered back

High mesh back

9200/1	9200/3		
		9256/1	9256/3
		9257/1, 9257/1H	9257/3, 9257/3H
		9227/1	9227/3

## 9200 SWIVEL COUNTER SIDE CHAIR / SWIVEL COUNTER ARMCHAIR



Medium-high upholstered back

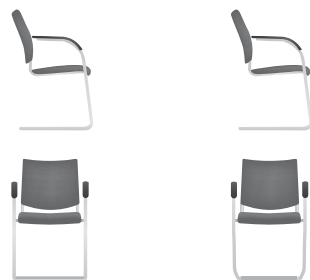
High mesh back

9260/1	9260/3
9265/1	9265/3

<sup>1</sup> Electrostatic Discharge

All variations, whose model numbers end with the letter H, meet the standards of the kuschmed® Hygienic-Line. For more information, please go to the Solutions section

9230 CANTILEVER

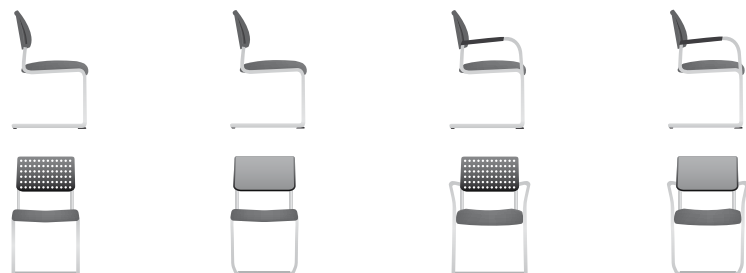


Upholstered back

9230/3

9230/4

9270 CANTILEVER



Mesh back

9272/1

9272/2

9272/3

9272/4

Plastic back

9277/1

9277/2

9277/3

9277/4

Plastic back, upholstered back pad

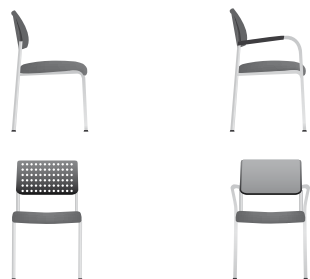
9279/1

9279/2

9279/3

9279/4

9290 FOUR-LEGGED FRAME



Mesh back

9292/2

9292/4

Plastic back

9297/2

9297/4

Plastic back, upholstered back pad

9299/2

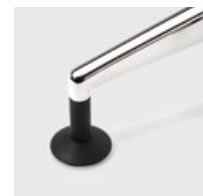
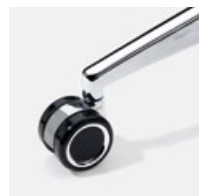
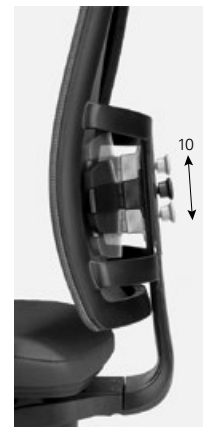
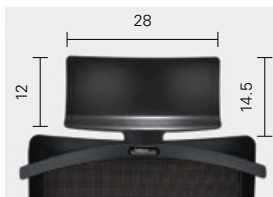
9299/4

# PRODUCT DATA

## 9200 SWIVEL SIDE CHAIR / SWIVEL ARMCHAIR

### ACCESSORIES

- Adjustable seat inclination/forward tilt
- Comfort gas action for 4 cm raised seat height
- Lumbar support, pneumatic (for upholstered back)
- Lumbar support, continuously depth adjustable by 2 cm, height adjustable by 10 cm, size 34 x 11.5 cm, height above seat in middle position amounts to 19 cm (for mesh back)
- Black plastic neck support with either upholstered or black PU pad (not available for medium-high upholstered back)
- Black plastic coat hanger
- Individual logo points
- Antistatic version of the swivel side chair or swivel armchair with the fabric Gaja antistatic black; seat, back and mechanism are earthed by means of fixes in the fabric; either hard or soft earthed castors
- Hard or soft black castors
- Hard or soft premium castors with chrome-plated ring
- Hard or soft premium castors with chrome-plated ring and chrome-plated cast part
- Plastic glides (height –3 cm)



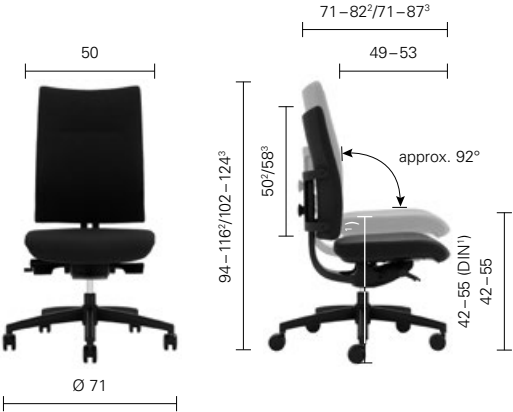
<sup>1</sup> The DIN seat height was determined acc. to DIN EN 1335-1, i.e. the seat height measured by means of a measuring device at the position of the ischial tuberosity (sitting bones) after having placed a load of 50 kg on the half width of the seat.

<sup>2</sup> Medium-high upholstered back

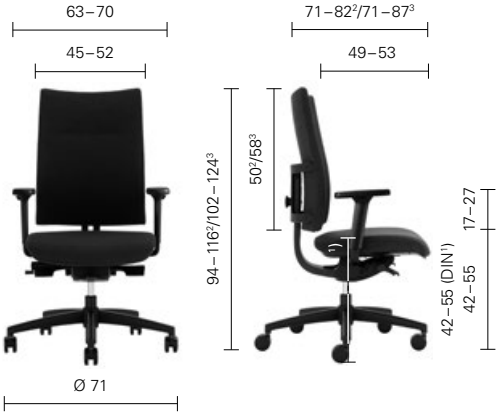
<sup>3</sup> High upholstered back

Dimensions in cm

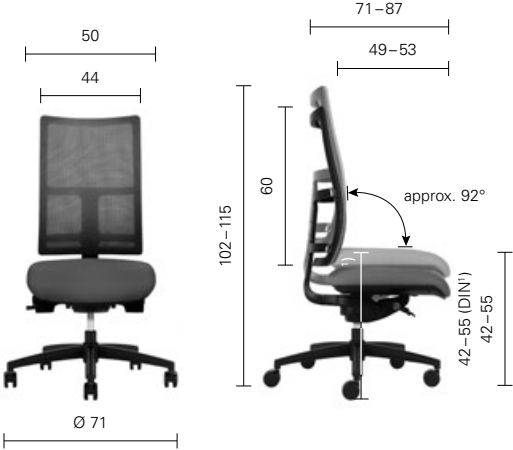
9200 SWIVEL SIDE CHAIR / SWIVEL ARMCHAIR



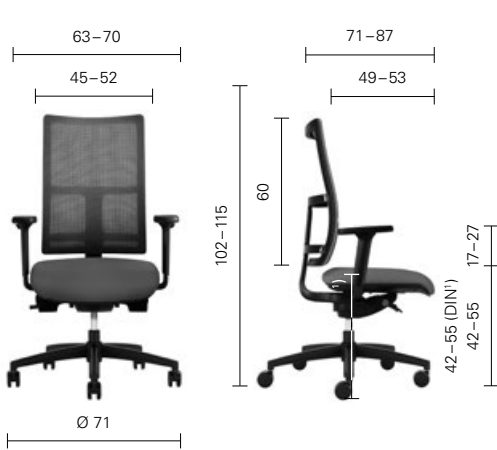
Weight: 17.0–17.5 kg depending on model



Weight: 18.5–19.0 kg depending on model



Weight: 15.0 kg



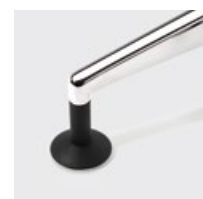
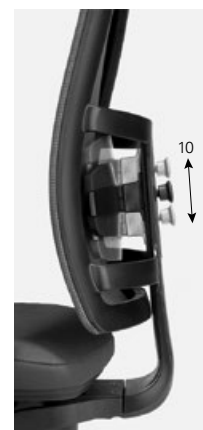
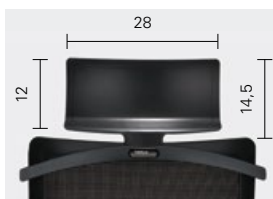
Weight: 16.5 kg

# PRODUCT DATA

## 9200 SWIVEL COUNTER SIDE CHAIR / SWIVEL COUNTER ARMCHAIR

### ACCESSORIES

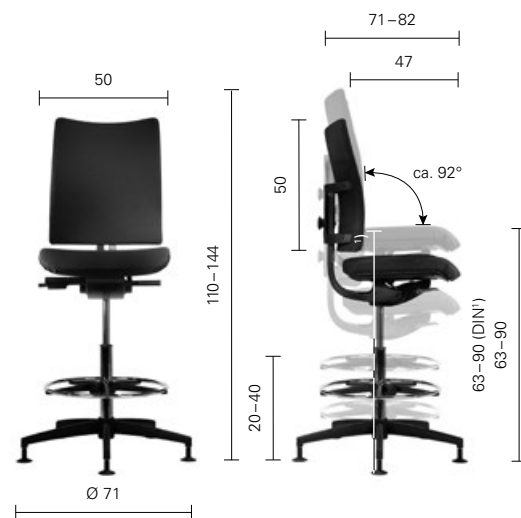
- Adjustable seat inclination/forward tilt
- Lumbar support, pneumatic (for upholstered back)
- Lumbar support, continuously depth adjustable by 2 cm, height adjustable by 10 cm, size 34 x 11.5 cm, height above seat in middle position amounts to 19 cm (for mesh back)
- Black plastic neck support with either upholstered or black PU pad (for mesh back)
- Black plastic coat hanger
- Individual logo points
- Footring bright chrome, height adjustable, Ø 60 cm
- Plastic glides
- Felt glides
- Glides with stainless steel cap



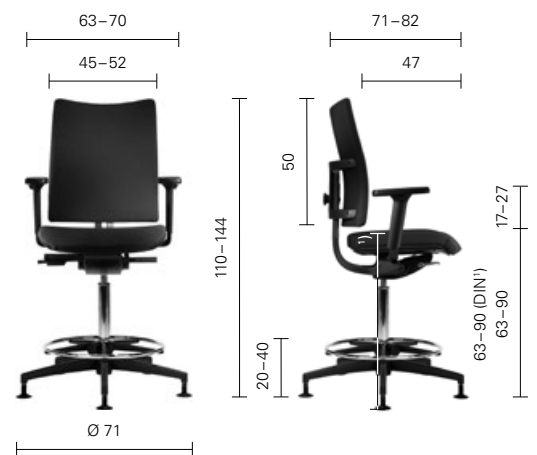
<sup>1</sup> The DIN seat height was determined acc. to DIN EN 1335-1, i.e. the seat height measured by means of a measuring device at the position of the ischial tuberosity (sitting bones) after having placed a load of 50 kg on the half width of the seat.



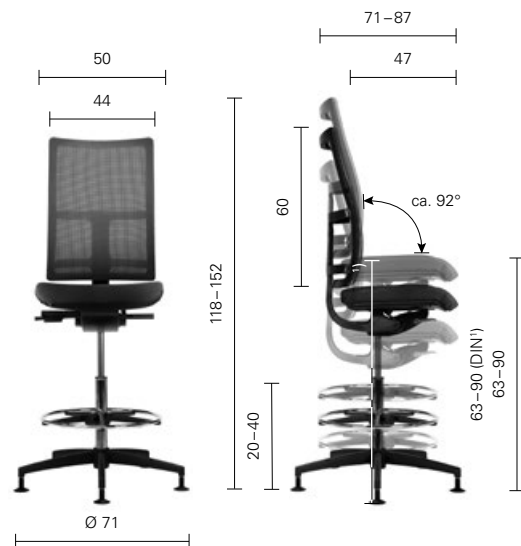
9200 SWIVEL COUNTER SIDE CHAIR / SWIVEL COUNTER ARMCHAIR



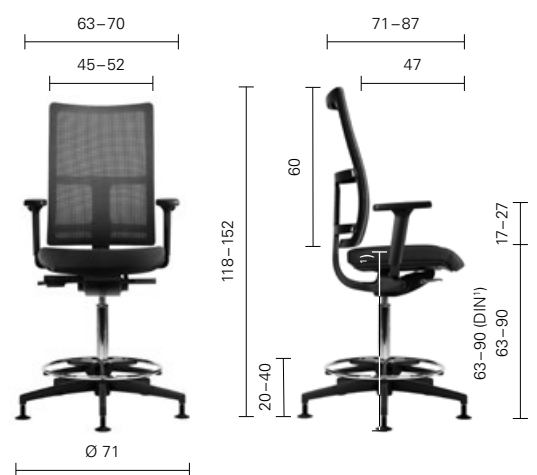
Weight: 18.0 kg



Weight: 19.5 kg



Weight: 16.0 kg



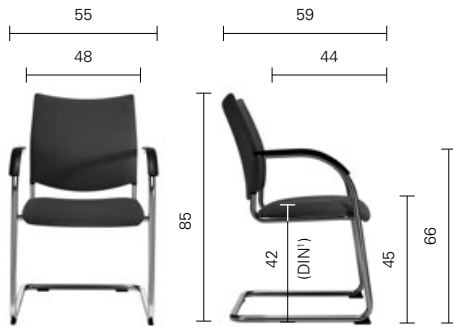
Weight: 17.5 kg

# PRODUCT DATA

## 9230 CANTILEVER

### ACCESSORIES

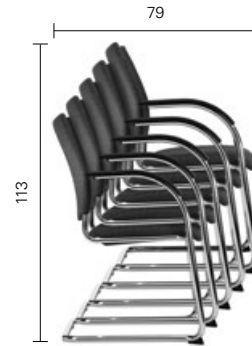
- Plastic glides
- Felt glides



Weight: 10.5 kg

### STACKABILITY

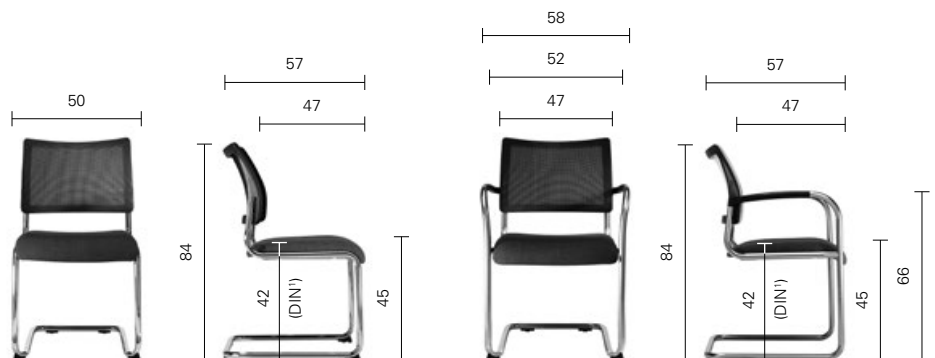
- Stackable on dolly 3880/8: 5 units
- Stackable on dolly 3980/8: 5 units
- Stackable on dolly 3981/8: 5 units
- Stacks of max. 5 units on a straight surface
- Height plus 7 cm per stacking armchair
- Depth plus 5 cm per stacking armchair



## 9270 CANTILEVER

### ACCESSORIES

- Plastic glides
- Felt glides
- Protect glides



Weight: 8.5 kg

Weight: 10.0 kg

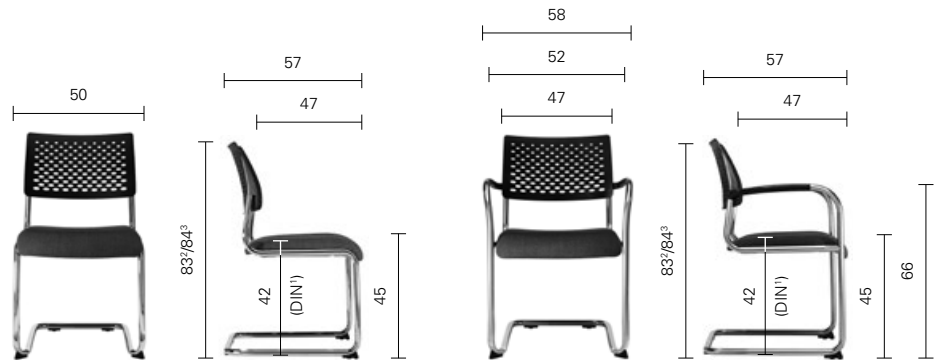
<sup>1</sup> The DIN seat height was determined acc. to DIN EN 1335-1, i.e. the seat height measured by means of a measuring device at the position of the ischial tuberosity (sitting bones) after having placed a load of 50 kg on the half width of the seat.

<sup>2</sup> Back without upholstered pad

<sup>3</sup> Back with upholstered pad

Dimensions in cm

## 9270 CANTILEVER

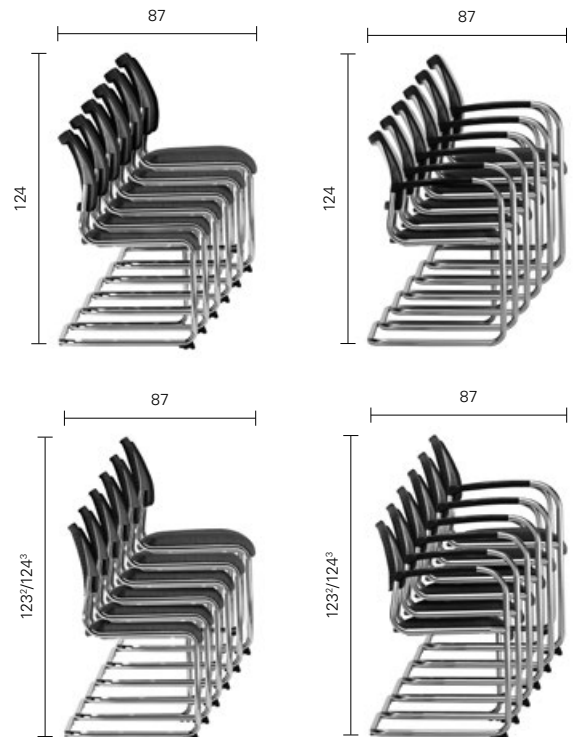


Weight: 8.5–9.0 kg depending on model

Weight: 10.0–10.5 kg depending on model

### STACKABILITY

- Stackable on dolly 3880/8: 6 units
- Stackable on dolly 3980/8: 6 units
- Stackable on dolly 3981/8: 6 units
- Stacks of max. 6 units on a straight surface
- Height plus 8 cm per stacking side chair/ armchair
- Depth plus 6 cm per stacking side chair/ armchair
- Mixed stacks of side chairs and armchairs possible

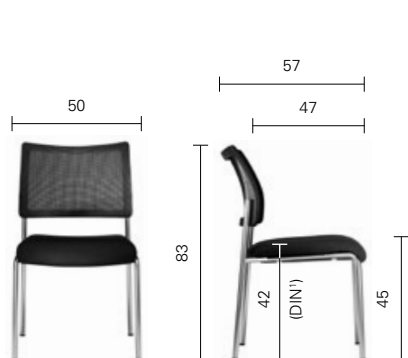


# PRODUCT DATA

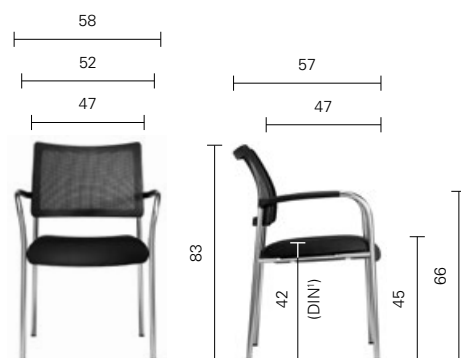
## 9290 FOUR-LEGGED FRAME

### ACCESSORIES

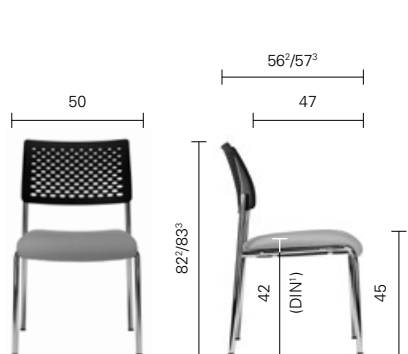
- Clip linking side chair/side chair, side chair/armchair, armchair/armchair
- Row numberplate holder with numberplate (only with clip linking)
- Seat numberplate holder with numberplate (only with clip linking)
- Writing tablet
- Plastic glides
- Felt glides
- Protect glides



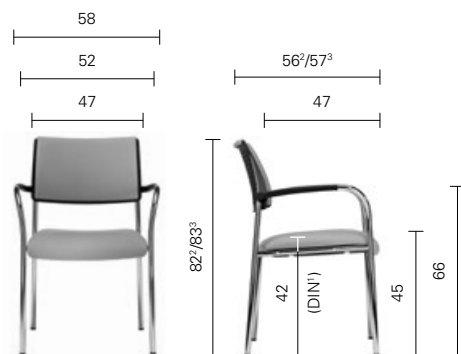
Weight: 6.0 kg



Weight: 7.5 kg



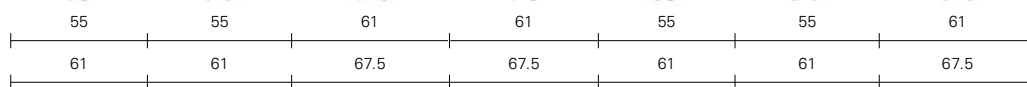
Weight: 6.0–6.5 kg depending on model



Weight: 7.5–8.0 kg depending on model



Clip linking



Clip linking in combination with writing tablet

¹ The DIN seat height was determined acc. to DIN EN 1335-1, i.e. the seat height measured by means of a measuring device at the position of the ischial tuberosity (sitting bones) after having placed a load of 50 kg on the half width of the seat.

² Back without upholstered pad

³ Back with upholstered pad

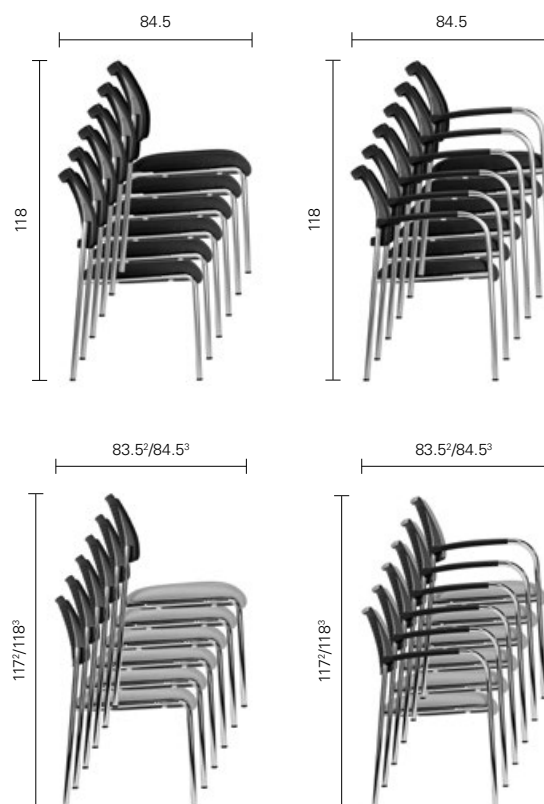
Dimensions in cm

---

## 9290 FOUR-LEGGED FRAME

### STACKABILITY

- Stackable on dolly 3880/8: 6 units
- Stackable on dolly 3980/8: 6 units
- Stackable on dolly 3981/8: 8 units
- Stacks of max. 6 units on a straight surface
- Height plus 7 cm per stacking side chair/  
armchair
- Depth plus 5.5 cm per stacking side chair/  
armchair
- Mixed stacks of side chairs and armchairs  
possible



---

### WRITING TABLET

- Removable writing tablet
- Models can only be stacked with removed  
writing tablet
- Side chairs and armchairs can be linked with  
attached writing tablet through clip linking
- Writing tablet for right- or left-handed



# ERGONOMICS

## HEALTHY COMFORT

As standard, the task chairs and task armchairs feature a dual synchronized mechanism as well as a seat height, seat depth and forward tilt adjustment, promoting a dynamic posture and keeping the user from adopting a permanent incorrect posture. The variations with an upholstered back feature an adaptable seat depth.

The ergonomic motion sequence of the dual synchronized mechanism closely approximates the ideal of the kinematic equilibrium.

The entire seat curves backwards and downwards in an arch. The seat and the backrest move relative to each other at a tilt ratio of 1:2.7. Seat and back support the user in his every move or change of posture, ranging from upright sitting in front of the PC monitor to leaning back in a more relaxed posture. The supporting spring force exerted by the backrest increases proportionally.

The ergonomically shaped backrest provides more "elbow room" to the shoulder blades

and leaves more room for the arm muscles to stay in motion. As a result, it is easier for the user to turn sideways, for instance to take a ring binder out of the filing cabinet. The upper body remains supported by the flexible frame construction and the mesh back.

Options such as height, depth and width adjustable and swivelling arms, a neck support for the high backs as well as the adjustable or pneumatic lumbar support offer additional ergonomic advantages.

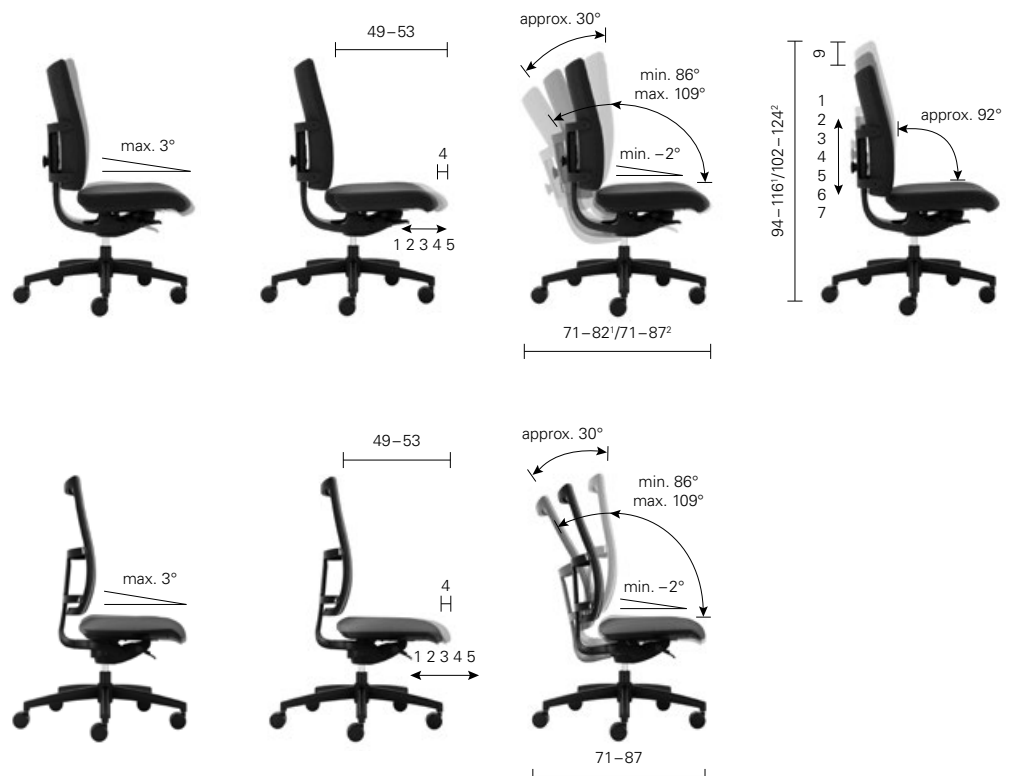
## 9200 SWIVEL SIDE CHAIR / SWIVEL ARMCHAIR

### SEAT

- Anatomically shaped seat
- Ergonomically shaped leg support
- Gas action capable of carrying a body weight up to 130 kg
- Comfort gas action with permanent depth cushioning
- Comfort gas action for a 4 cm raised seat height
- Adjustable forward tilt by 3°
- Seat depth adjustment by 4 cm in 5 positions

### BACK

- Dual synchronized mechanism
- Medium-high or high upholstered back with ergonomic moulded part made of polypropylene, height adjustable in 7 positions
- High mesh back frame made of glass fibre reinforced polyamide



<sup>1</sup> Medium-high upholstered back  
<sup>2</sup> High upholstered back

Dimensions in cm

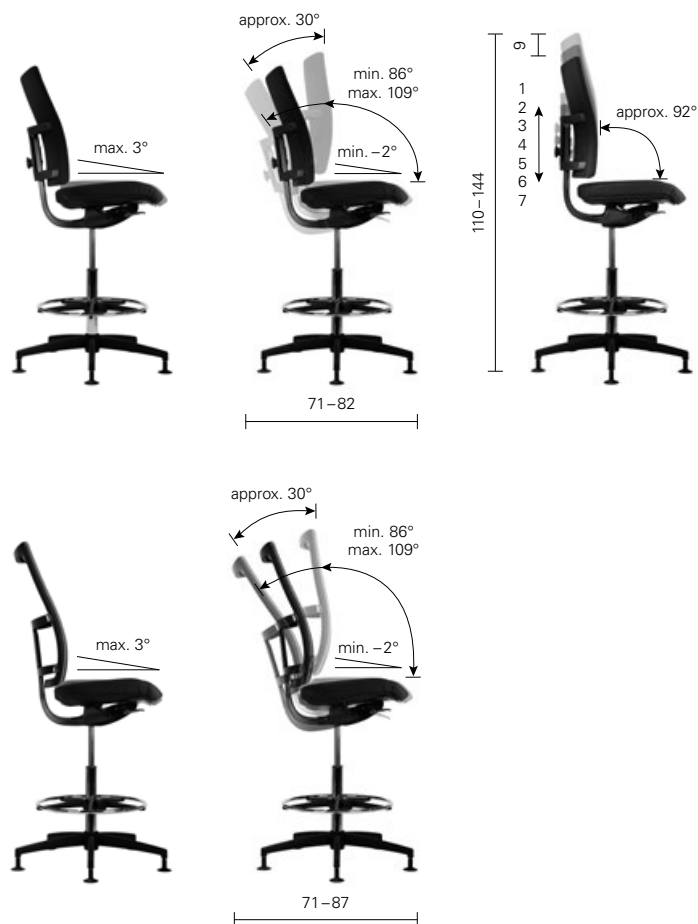
## 9200 SWIVEL COUNTER SIDE CHAIR / SWIVEL COUNTER ARMCHAIR

### SEAT

- Anatomically shaped seat
- Ergonomically shaped leg support
- Gas action capable of carrying a body weight up to 130 kg
- Comfort gas action with permanent depth cushioning
- Adjustable forward tilt by 3°

### BACK

- Dual synchronized mechanism
- Medium-high or high upholstered back with ergonomic moulded part made of polypropylene, height adjustable in 7 positions
- High mesh back frame made of glass fibre reinforced polyamide



# ERGONOMICS

## 9200 SWIVEL SIDE CHAIR / SWIVEL ARMCHAIR / SWIVEL COUNTER SIDE CHAIR / SWIVEL COUNTER ARMCHAIR

### ARMRESTS



2D arms with black PU pads, black plastic supports



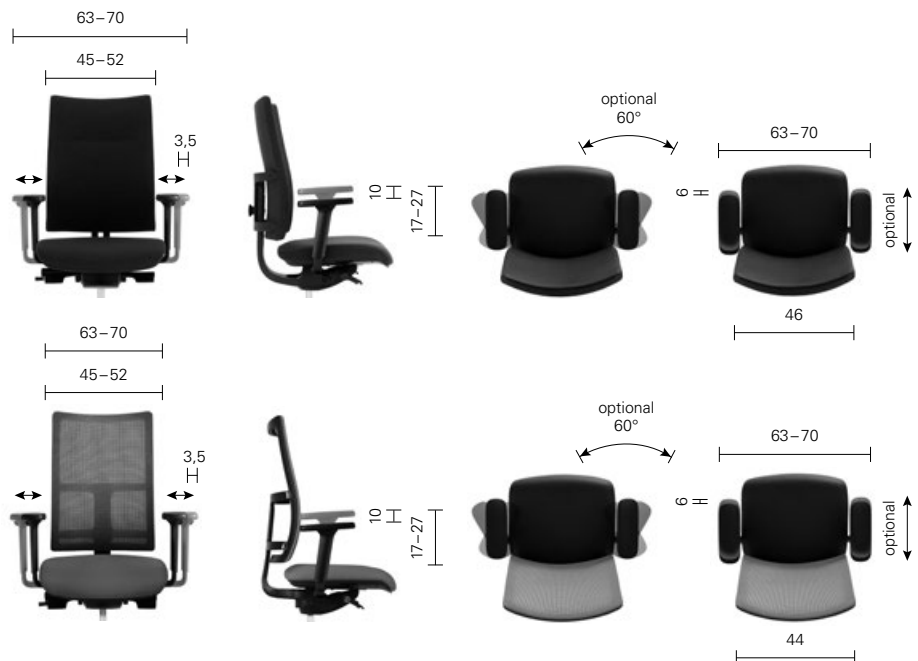
3D arms with black PU pads, black plastic supports



3D arms with black PU pads, polished aluminium supports



3D arms with black gel pads, black plastic supports



### HANDLING

Nearly all the operating elements, including those of the dual synchronised mechanism, are easily accessible without the need of having to get up. The backrest counterpressure can be individually adjusted to the body weight and to the user's personal liking by means of

a smooth-running turning handle. With a range of 40 rotations, the counterpressure can be adjusted to a body weight between 40 and 120 kg. The turning handle as well as the locking lever are within easy reach.



# MATERIALS, FINISHES

---

## MODULAR ASSEMBLY GROUPS

The modular construction principle makes it possible to build many different variations, or to exchange individual parts or assembly groups.

Cost-effective and resource-friendly at the same time. All components can be dismantled for recycling at the end of the product's life cycle.

---

## SWIVEL / SWIVEL COUNTER SIDE CHAIRS AND ARMCHAIRS

### SEAT, BACK

- Black plastic seat base and backrest frame
- Black plastic backrest frame (mesh back)
- Black mesh back or fabric Runner (also available as seat cover), optionally with black 3D woven fabric
- Upholstered seat resp. seat/back, fabric from standard collection
- Optional seat resp. seat/back with flame retardant foam resp. with flame retardant foam and fireproof fabric

- Models 9200/1 and 9200/3 with fabric Gaja antistatic black; seat, back and mechanism are earthed by means of fixes in the fabric

### FRAME

- Base, black plastic, powder-coated aluminium or polished aluminium

### ARMS

- 2D arms with black PU pads, black plastic supports
- 2D arms with black Gaja antistatic pads, polished aluminium supports (for model 9000/3)
- 3D arms with black PU pads, black plastic or polished aluminium supports
- 3D arms with black gel pads, black plastic supports

---

## CANTILEVER / FOUR-LEGGED FRAME

### SEAT

- Seat upholstered acc. to standard collection
- Optionally available with upholstery with flame retardant foam resp. flame retardant foam and fireproof fabric

### UPHOLSTERED BACK

- Back with upholstered pad, fabric acc. to standard collection
- Optionally available with upholstery with flame retardant foam resp. flame-retardant foam and fireproof fabric

### MESH BACK

- Black plastic backrest frame
- Black mesh back or fabric Runner (also available as seat cover)
- Black 3D woven fabric

### PLASTIC BACK

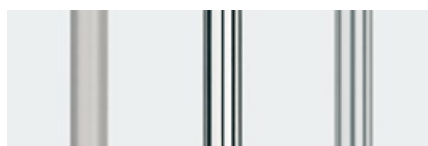
- Plastic back with perforated pattern, black or white
- Back with upholstered pad, fabric acc. to standard collection
- Optionally available with upholstery with flame retardant foam resp. flame retardant foam and fireproof fabric

### FRAME, ARMS

- Powder coated, protective lacquer aluminium powder coated (only for stacking models), bright chrome or satin chrome steel frame
- Black plastic arms (for models 9230, 9270, 9290) or white (for models 9270, 9290)

### WRITING TABLET

- Laminate HPL silver grey (only for four-legged frame)



---

## LAMINATE HPL



silver grey  
0160-60  
for writing tablets

# SOLUTIONS

## EXCERPT

Depending on the environment, contract seating has to be able to fulfil very specific requirements. Interior designers and planners sometimes have to clear difficult hurdles: such as exacting fire prevention or hygiene regulations. Kusch+Co has worked out individual solutions:

### FIRE PREVENTION

#### UPHOLSTERY

The upholstery is optionally available with flame retardant foam. In addition, it is available with the Kusch+Co Fire Prevention Concept, consisting of a special fabric "flamline" (approved by the building authorities and conforms to DIN 4102 A2 non-flammable) between the upholstery foam and the fabric.

This concept achieves four life-saving objectives. The seating:

- is self-extinguishing
- reduces the smoke development
- prevents an incipient fire from spreading out
- does not turn into an additional ignition source.

Test reports in compliance with national and international standards document the laboratory fire tests conducted on different series finished with a wide variety of materials.

With regard to the upholstery, e.g. with leather, artificial leather as well as many textile fabrics, or to our unupholstered variations featuring a plywood, laminated or plastic seat shell, most of our series meet the following standards:

- Germany: DIN 66084 P-a
- France: NFD 60013
- Great Britain: BS 5852 Crib 5
- Italy: UNI 9176
- Europe: DIN EN 1021 part 1/2

Please contact us if you wish to receive the test reports.

### HYGIENE

#### KUSCHMED® HYGIENIC-LINE

Products from kuschmed® Hygienic-Line provide an unfavourable breeding ground for bacteria, germs, and mildew. For this purpose, this range is conceived without open-pored veneers, slits in the backrest, improper upholstery, finger traps, open frames, felt glides, or materials that degrade upon contact with disinfectants.

Only fabrics with specific properties, e.g. hygienically impervious fabrics as well as water- and dirt-repellent finishes, qualify for this product line. Fabrics made of nano-coated fibres as well as disinfectant-compatible fabrics are also used.

The surfaces have to be smooth and pore-free, impervious to liquids and germs, and growth-inhibiting for bacteria. All wooden surfaces are entirely sealed with a special high-density, pore-free and disinfectant-resistant lacquer with antibacterial properties. Metal surfaces are sealed with a chrome finish or with a silver-bearing, antibacterial powder coating. The silver ions within the coating are activated upon contact with bacterial colonies, diffusing at the surface, denaturing the cell walls of the bacteria, and thus inhibiting their growth.

**kuschmed®**  
HYGIENIC-LINE

For more information, we refer to our brochure "Solutions" – please contact us to receive your copy.

# QUALITY

## EXCERPT

### HOW WE TEST OUR SEATING

Our environmental and quality management systems are certified acc. to DIN EN ISO 14001 and to DIN EN ISO 9001. External audits as well as our in-house laboratory safeguard our quality level.

All variations of series 9200 Papilio meet the requirements with regard to stability, static and dynamic load as well as strength and durability in compliance with the current European Directives, standards and regulations.

On top of this, we test most of our contract seating with higher loads and cycles. On request, we conduct individual tests acc. to the customer's specifications. All variations are designed to support a body weight of 130 kg in full-time use.

In our capacity as a DIN EN ISO 9001 certified company, we are authorised to test in our own laboratory whether our products meet the GS requirements for Tested Product Safety and issue a Declaration of Conformity equivalent to a GS sign.

We happily make these Declarations of Conformity as well as our brochure "Mission Statement Quality" providing detailed information on our test procedures available to you – please contact us.



9200/1, 9200/3,  
9227/1, 9227/3,  
9256/1, 9256/3,  
9257/1, 9257/3,  
9260/1, 9260/3,  
9265/1, 9265/3



9230/3, 9230/4, 9272/1, 9272/2, 9272/3, 9272/4, 9277/1,  
9277/2, 9277/3, 9277/4, 9279/1, 9279/2, 9279/3, 9279/4,  
9292/2, 9292/4, 9297/2, 9297/4, 9299/2, 9299/4

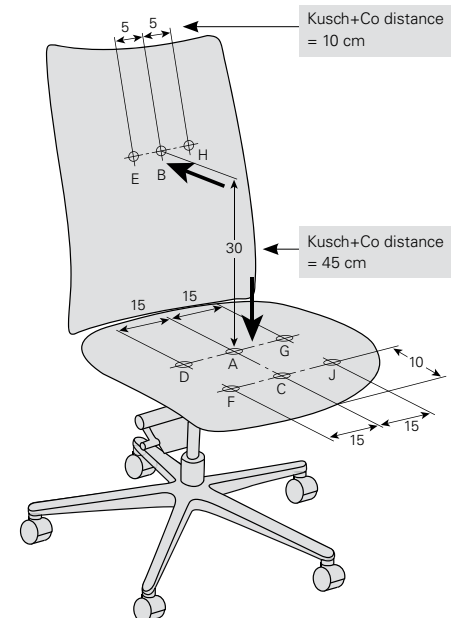
#### TEST IN COMPLIANCE WITH DIN EN 1335-3:2009

Our tests exceeds the recommended number of test cycles stipulated in DIN EN 1335-3:2009.

#### TEST PROCEDURE

We always test the chairs and armchairs in their least favourable position in order to detect possible flaws. The chair's/armchair's upper part is turned and fixed in such a position that the seat is perpendicular to the one of the prongs.

The force has to be directed vertically onto the seat. The backrest forces have to be applied in an angle of  $90^\circ \pm 10^\circ$  to the backrest, under full load. The backrest's inclination has to be fixed in order to test the fixed backrest under full force application. Both seat and backrest have to be tested as specified in the chart.



Force application points on seat and backrest (dimensions in cm)

#### SEQUENCE OF TESTS, FORCE APPLICATION AND CYCLES ON THE SEAT AND BACKREST

Step	Sequence	Force application point	Force in kg		Number of cycles	
			DIN	Kusch + Co	DIN	Kusch + Co
1	A	A	150	150	120,000	120,000
2	C – B	C B	120 32	120 35	in alternation 80,000	in alternation 240,000
3	J – E	J E	120 32	120 35	in alternation 20,000	in alternation 60,000
4	F – H	F H	120 32	120 35	in alternation 20,000	in alternation 60,000
5	D – G	D G	110 110	110 110	in alternation 20,000	in alternation 20,000

Each test has to be successful before the next test is carried out on the same chair/armchair. The same chair/armchair is used for all other tests, such as stability etc. These tests are an integral part of our test procedure.

# SUSTAINABILITY

## EXCERPT

Kusch+Co products stand for long life cycles and optimum recyclability. From the first design drafts of a new product, we take all environmental-relevant components and production processes into consideration, ranging from the materials selection and the

design all the way to the manufacturing processes which also contribute towards our sustainable energy balance.

DQS-certified Environmental Product Declarations are available for all series, compiled conform to DIN EN ISO 14021 Type II, providing more information about all environmentally relevant aspects, including the Credit Points for the LEED certification of a building. Please contact us for more information.



## 9200 PAPILIO

ENVIRONMENTAL ASPECTS

**ENVIRONMENTAL RESPONSIBILITY**

Long before the production of a new series, Kusch+Co starts thinking about the possible environmental impact of the production processes and the required components.

**SUSTAINABILITY**

Kusch+Co understands sustainability as the realistic, manageable and economically viable combination of environmental protection, economics and CSR, not only in terms of production, but also how we communicate with our fellow men, our staff members and partners. Sustainability cannot be measured, but it can be sensed.

**QUALITY ASSURANCE**

In order to guarantee a constant high-level product quality, Kusch+Co is certified in accordance with the quality management system DIN EN ISO 9001 and the environmental management system DIN EN ISO 14001. We offer a 5-year warranty as standard.



**LIFE CYCLE**

**1 MATERIALS**

- The models of series 9200 Papilio are free from hazardous materials (lead, mercury, pvc).
- All components of series 9200 Papilio comply with the legal PAH standards.
- Kusch+Co uses CFC- and formaldehyde-free foam only that meets the Delo-Tex® Standard 100.
- To the greatest possible extent, we use aqueous dispersion adhesives free from organic solvents to glue the foam pads to the seat shell/seat. Smallest amounts of solvent-based adhesives are indispensable for technical reasons; however, direct contact with the skin is impossible.
- All plastic parts are labelled properly for recycling.
- Series 9200 Papilio contains no substances included on the candidate list for authorisation according to § 17 of Regulation (EC) No 1907/2006 (REACH).

**2 PRODUCTION**

**METAL COATING**

The powder coating is free from volatile organic compounds (VOC) and heavy metals and therefore physiologically harmless. Our chrome-plating finish excels in corrosion protection and is physiologically harmless during the production and the service life of series 9200 Papilio. We do not use perfluorinated surfactants (PFOS) for our chrome-plating, as these surfactants are suspected of being carcinogenic.

**WASTE MANAGEMENT**

All types of process waste (fabric remnants, foam, metal tubes) are collected by professional waste processing companies and 100% recycled. All wood residues, resulting from wood working, are used to heat the factory, saving precious heating oil.

**3 TRANSPORTATION**

- The transportation energy is offset by the space-saving packaging.
- The packaging material is reused before it is recycled.
- Kusch+Co's dual disposal system is certified by Interserch. Approximately 20 tonnes of packaging material is recycled every year.

**4 USAGE**

- In order to simulate the conditions of a 12-year service life, the series 9200 Papilio was tested for the GS mark for Product Safety with increased test cycles compared to the relevant norms.
- A long service life is guaranteed with most parts being exchangeable and retrofitable. That is our contribution to an efficient resource management.

**5 WASTE DISPOSAL**

- At the end of their service life, the models of series 9200 Papilio can be disassembled by our professional workers who will separate the materials correctly by type.
- The models of series 9200 Papilio are recyclable to approx. 97%. The recyclability is exclusive of adhesives, grease, oil, small parts and screws.





Kusch+Co GmbH & Co. KG | PO Box 1151 | 59965 Halternberg | Germany | T +49 2984 300-0 | F +49 2984 3004-100 | [welcom@kusch.com](mailto:welcom@kusch.com) | [www.kusch.com](http://www.kusch.com)



## 9200 PAPILIO

ENVIRONMENTAL ASPECTS

**ENVIRONMENTAL RESPONSIBILITY**

Long before the production of a new series, Kusch+Co starts thinking about the possible environmental impact of the production processes and the required components.

**SUSTAINABILITY**

Kusch+Co understands sustainability as the realistic, manageable and economically viable combination of environmental protection, economics and CSR, not only in terms of production, but also how we communicate with our fellow men, our staff members and partners. Sustainability cannot be measured, but it can be sensed.

**QUALITY ASSURANCE**

In order to guarantee a constant high-level product quality, Kusch+Co is certified in accordance with the quality management system DIN EN ISO 9001 and the environmental management system DIN EN ISO 14001. We offer a 5-year warranty as standard.



**LIFE CYCLE**

**1 MATERIALS**

- The models of series 9200 Papilio are free from hazardous materials (lead, mercury, pvc).
- All components of series 9200 Papilio comply with the legal PAH standards.
- Kusch+Co uses CFC- and formaldehyde-free foam only that meets the Delo-Tex® Standard 100.
- To the greatest possible extent, we use aqueous dispersion adhesives free from organic solvents to glue the foam pads to the seat shell/seat. Smallest amounts of solvent-based adhesives are indispensable for technical reasons; however, direct contact with the skin is impossible.
- All plastic parts are labelled properly for recycling.
- All wood products originate from sustainable, legal and verified sources.
- Series 9200 Papilio contains no substances included on the candidate list for authorisation according to § 17 of Regulation (EC) No 1907/2006 (REACH).

**2 PRODUCTION**

**METAL COATING**

The powder coating is free from volatile organic compounds (VOC) and heavy metals and therefore physiologically harmless. Our chrome-plating finish excels in corrosion protection and is physiologically harmless during the production and the service life of series 9200 Papilio. We do not use perfluorinated surfactants (PFOS) for our chrome-plating, as these surfactants are suspected of being carcinogenic.

**WASTE MANAGEMENT**

All types of process waste (fabric remnants, foam, metal tubes) are collected by professional waste processing companies and 100% recycled. All wood residues, resulting from wood working, are used to heat the factory, saving precious heating oil.

**3 TRANSPORTATION**

- The transportation energy is offset by the space-saving packaging.
- The packaging material is reused before it is recycled.
- Kusch+Co's dual disposal system is certified by Interserch. Approximately 20 tonnes of packaging material is recycled every year.

**4 USAGE**

- In order to simulate the conditions of a 12-year service life, the series 9200 Papilio was tested for the GS mark for Product Safety with increased test cycles compared to the relevant norms.
- A long service life is guaranteed with most parts being exchangeable and retrofitable. That is our contribution to an efficient resource management.

**5 WASTE DISPOSAL**

- At the end of their service life, the models of series 9200 Papilio can be disassembled by our professional workers who will separate the materials correctly by type.
- The models of series 9200 Papilio are recyclable to approx. 97%. The recyclability is exclusive of adhesives, grease, oil, small parts and screws.





Kusch+Co GmbH & Co. KG | PO Box 1151 | 59965 Halternberg | Germany | T +49 2984 300-0 | F +49 2984 3004-100 | [welcom@kusch.com](mailto:welcom@kusch.com) | [www.kusch.com](http://www.kusch.com)

20 | 9200 PAPILIO

# REFERENCES

EXCERPT

## AUSTRIA

- City Hall St. Pölten
- HDI Versicherung AG, Vienna
- JET Lounge, Vienna International Airport
- Ricoh Austria GmbH, Vienna
- University of Applied Sciences Vienna

## BELGIUM

- Public Centre for Social Welfare Arendonk

## DENMARK

- Capgemini Danmark A/S, Vallensbæk Strand

## EGYPT

- Cairo International Airport

## FRANCE

- Viessmann France SAS, Faulquemont

## GERMANY

- Agaplesion Diaconical Hospital Hamburg
- American Express Services Europe Limited, Frankfurt am Main
- Bayer Real Estate GmbH, Leverkusen
- Cruise Center Steinwerder, Hamburg
- Federal Joint Committee, Berlin
- Fraunhofer-Forum, Berlin
- German Aviation Association (BDL), Berlin
- Institute of Public Health Care at Maria Hospital, Wesel
- Medfacilities GmbH, Cologne
- TÜV Rheinland, Berlin
- University Hospital Cologne
- Viessmann Werke GmbH & Co. KG, Allendorf
- Zalando SE, Berlin

## ITALY

- Assicurazione Arag Spa, Verona

## SCOTLAND

- University of Strathclyde, Glasgow

## USA

- KPMG, Glendale



Fraunhofer-Forum, Berlin



Cruise Center Steinwerder, Hamburg



# REFERENCES

EXCERPT

---



Public Centre for Social Welfare Arendonk



JET Lounge, Vienna International Airport



Zalando SE, Berlin

