são paulo

KUSCH+CO

A swivel chair series that dispenses with superfluous gadgetry, instead focusing on pure aesthetics. Characterised by slender and clear-cut contours, oozing power and dynamics. All operating elements are incorporated invisibly in the seat base, and can be operated by the seated user. A line-up of variations geared towards different office environments, complemented by visitor chairs.

Office
swivel chair

Content

Design by Norbert Geelen

After having completed his training as industrial designer at the University of Essen, he started freelancing at the Italian Studio Mattheo Thun in Milan. Together with his partner Robert Kilders, he founded the design studio bert&bert in 1997. Since 2005, Norbert Geelen feels at home both in his German office in Straelen and in his Milan studio. He has specialised in designing upmarket lifestyle products and furniture.

Variations

São Paulo office swivel chair

A premium swivel chair characterised by clean lines. Its design language reduced to the essentials. With armrests the chair looks like it is ready for action. Slim, nearly graceful, and brimming with power and dynamics. A multi-award-winning office chair, excelling both in design and ergonomics. Featuring either a mesh backrest or an upholstered backrest pad. Available with 2D, 3D or loop armrests.

São Paulo conference frame chair

Cantilevers with matching design aesthetics. Featuring either a mesh backrest or an upholstered backrest pad. These variations always come with armrests.

São Paulo office swivel chair

Backrest Harlequin™ (3D Net Textile)

Backrest Harlequin™ (3D Net Textile) with upholstered pad

São Paulo conference frame chair

Backrest Harlequin™ (3D Net Textile)

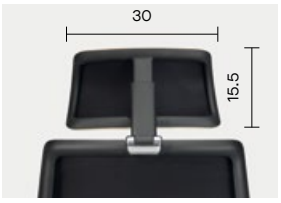
Backrest Harlequin™ (3D Net Textile) with upholstered pad

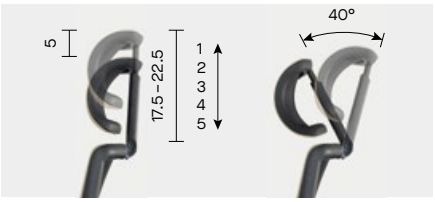
Product Data

São Paulo office swivel chair

Accessories

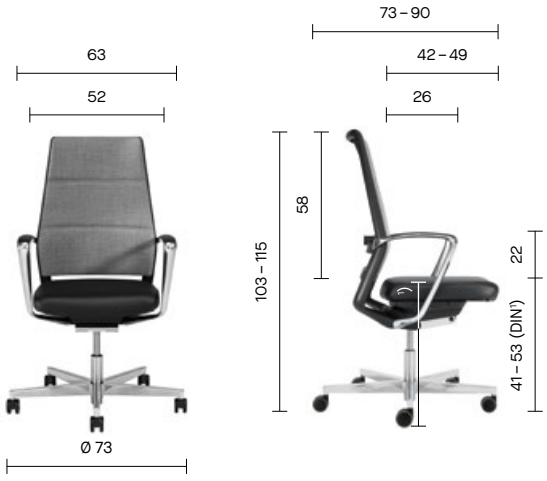
- Lumbar support, continuously depth adjustable by 2 cm and height adjustable by 8 cm, height above seat 11 – 19 cm
- Head support, height and depth adjustable
- Castors for soft floors
- Castors for hard floors





Weight: 19.0 – 20.5 kg depending on model

Weight: 20.5 – 22.0 kg depending on model



Weight: 20.5 – 22.0 kg depending on model

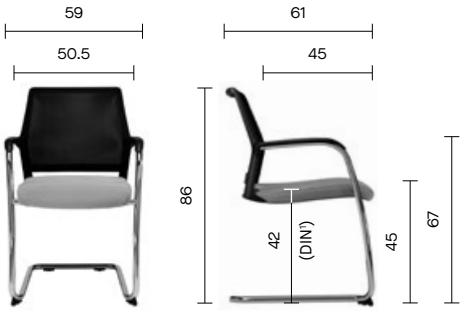
[1] The DIN seat height was determined acc. to DIN EN 1335-1, i.e. the seat height measured by means of a measuring device at the position of the ischial tuberosity (sitting bones) after having placed a load of 50 kg on the half width of the seat.

Dimensions in cm

São Paulo conference frame chair

Accessories

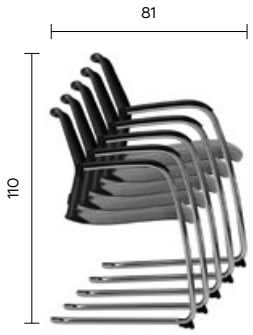
- Nose to avoid tipping
- Plastic glides
- Plastic glides with felt
- Protect glides



Weight: 10.5 – 11.0 kg depending on model

Stackability

- 5 units can be stacked on dolly CART KU 1, CART KU 3, CART KU 4 and CART KU 2
- Up to 5 units can be stacked on a straight surface
- Height plus 6 cm per stacking chair with armrests
- Depth plus 5 cm per stacking chair with armrests



Product Data

Packaging for dismantled parts

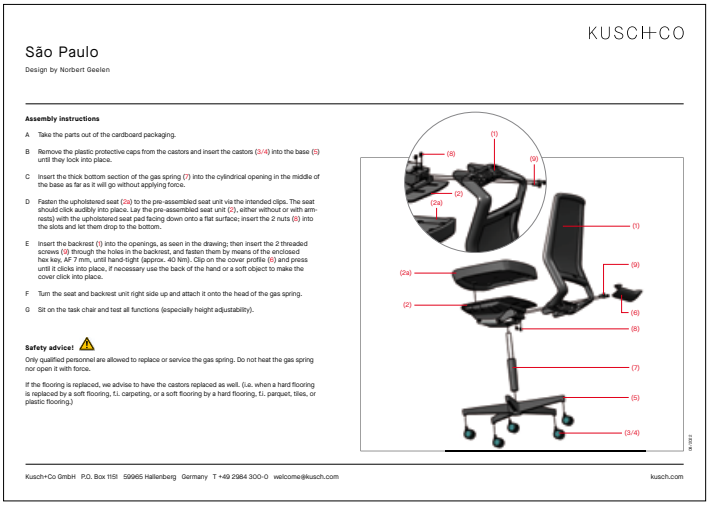
Holding the necessary components to assemble:

- variation without head support: dimensions packaging W 87 cm, D 75 cm, H 40 cm
- variation with head support: dimensions packaging W 107 cm, D 75 cm, H 40 cm
- variation with loop arms, with or without head support: dimensions packaging W 107 cm, D 75 cm, H 40 cm

All the task variations of series São Paulo can be shipped in special packaging as dismantled assembly groups, and are subsequently easily reassembled. Detailed and illustrated assembly instructions are enclosed.

The packaging for dismantled parts offers several advantages:

- the compact pack size cuts transportation costs
- and less storage costs,
- on top of this, the content inside is protected from dust and other damages.



São Paulo

Design by Norbert Geelen

KUSCH+CO

Assembly instructions

A Take the parts out of the cardboard packaging.

B Remove the plastic protective caps from the castors and insert the castors (3/4) into the base (5) until they lock into place.

C Insert the thick bottom section of the gas spring (7) into the cylindrical opening in the middle of the base as far as it will go without applying force.

D Fasten the upholstered seat (2a) to the pre-assembled seat unit via the intended clips. The seat should click audibly into place. Lay the pre-assembled seat unit (2), either without or with armrests) with the upholstered seat pad facing down onto a flat surface; insert the 2 nuts (6) into the slots and let them drop to the bottom.

E Insert the backrest (1) into the openings, as seen in the drawing; then insert the 2 threaded screws (9) through the holes in the backrest, and fasten them by means of the enclosed hex key, AF 7 mm, until hand-tight (approx. 40 Nm). Clip on the cover profile (8) and press until it clicks into place, if necessary use the back of the hand or a soft object to make the cover click into place.

F Turn the seat and backrest unit right side up and attach it onto the head of the gas spring.

G Sit on the task chair and test all functions (especially height adjustability).

Safety advice! ⚠

Only qualified personnel are allowed to replace or service the gas spring. Do not heat the gas spring nor open it with force.

If the flooring is replaced, we advise to have the castors replaced as well. (i.e. when a hard flooring is replaced by a soft flooring, f.i. carpeting, or a soft flooring by a hard flooring, f.i. parquet, tiles, or plastic flooring.)

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Ergonomics

Dynamic sitting

As standard, the swivel chairs feature a dual synchronised 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 ergonomic motion sequence of the dual synchronised 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 ration of 1:2.7. Seat and backrest 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 trapezoidal backrest is tapered at the top, giving more space to the shoulder blades and leaving 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 armrests, a height and depth adjustable headrest, or an adjustable lumbar support offer additional ergonomic advantages.

Ergonomics

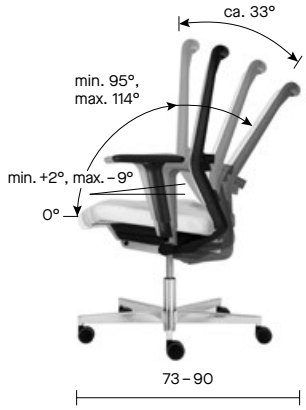
São Paulo office swivel chair

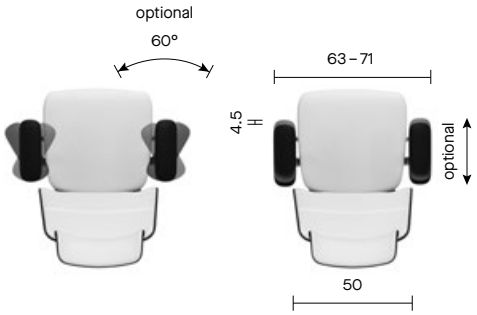
Seat
- Anatomically shaped seat
- Ergonomically shaped leg support
- Gas spring capable of carrying a body weight up to 150 kg
- Adjustable forward tilt by 4°
- Seat depth adjustment by 7 cm in 8 positions (swivel chair with armrests) or by 5 cm in 6 positions (swivel chair)
- Suited for permanent use up to a body weight of 150 kg

Backrest
- Dual synchronised mechanism
- Ergonomic frame made of glass fibre reinforced polyamide

Armrests
- 2D armrests, height and width adjustable
- 3D armrests, height, width and depth adjustable and swivelling

1) Swivel chair
2) Swivel chair with armrests





Dimensions in cm

Handling

The individual set-up of a chair has never been easier. All the operating elements are incorporated nearly flush underneath the seat, so that they are easily accessible and can be operated almost intuitively. The functions have been labeled with pictograms.

The seat height is adjusted at the push of a button. The same goes for the seat depth. An auto-return mechanism sets the seat back to its starting position, making it easier to adjust the depth to your liking. The synchronised mechanism is also locked or released by pushing a button. The backrest counterpressure can be individually adjusted to a body weight between 45 and 150 kg by means of a smooth-running adjusting disc with a range of just 2.5 rotations. The adjusting disc is positioned close at hand on the side and can be operated without the need of having to get up.

Materials

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.

São Paulo office swivel chair

Seat, back
- Black plastic seat base and backrest support
- Backrest Harlequin™ (3D Net Textile) according to price list São Paulo
- Backrest Harlequin™ (3D Net Textile) black HQ60999, upholstered backrest pad Harlequin™ (3D Net Textile) and fabrics according to price list São Paulo
- Upholstered seat Harlequin™ (3D Net Textile) and fabrics according to price list São Paulo
- Standard foam
- Optional seat with flame retardant foam resp. with flame retardant foam and fireproof fabric

Frame
- Base black polyamide or polished aluminium with chrome effect

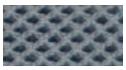
Armrests
- 2D arms, black plastic support
- 3D arms, black plastic support
- PU arm pads, black
- Ring armrests polished aluminium with chrome effect, black plastic armpads or covered with nappa leather, black NAP10001

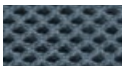
São Paulo conference frame chair

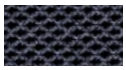
Seat, backrest
- Black plastic seat base and backrest frame
- Backrest Harlequin™ (3D Net Textile) according to price list São Paulo
- Backrest Harlequin™ (3D Net Textile) black HQ60999, upholstered backrest pad Harlequin™ (3D Net Textile) and fabrics according to price list São Paulo
- Upholstered seat Harlequin™ (3D Net Textile) and fabrics according to price list São Paulo
- Standard foam
- Optional seat with flame retardant foam resp. with flame retardant foam and fireproof fabric

Frame, armrests
- Frame chromed tubular steel
- Armpads, black plastic or plastic covered with nappa leather, black NAP10001

Harlequin™ by Gabriel (3D Net Textile)

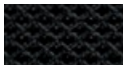

HQ60126


HQ66058


HQ60166


HQ61188


HQ61152


HQ60999

Fire Prevention

Excerpt

Fire Prevention

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 regulations. Kusch+Co has worked out individual solutions:

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 A2 nonflammable according to DIN 4102) 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: NF D 60-013
- Great Britain: BS 5852 Crib 5
- Italy: UNI 9176
- Europe: EN 1021 part 1/2

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

Please contact us to receive further information.

Quality

Excerpt

Our environmental and quality management systems are certified acc. to DIN EN ISO 14001:2015 and to DIN EN ISO 9001:2015. External audits as well as our in-house laboratory safeguard our quality level.

All variations of series São Paulo 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.

We are certified in compliance with DIN EN ISO 9001:2015. In our own laboratory, we test our products before their market launch whether they comply with the normative requirements applicable to contract seating, swivel chairs, and tables, and issue a Declaration of Conformity.

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.

Conference frame chairs

How we test our seating

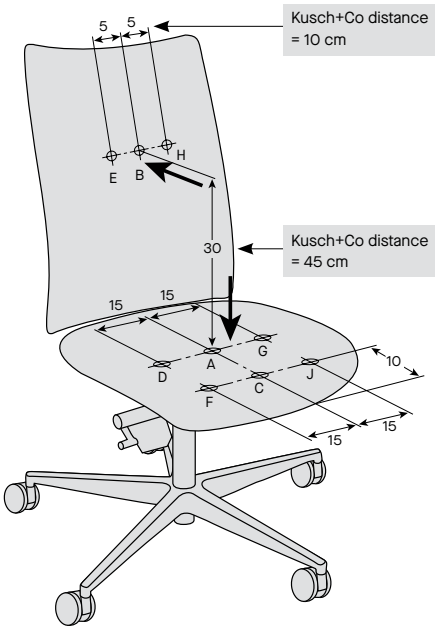
Test in compliance with DIN EN 1335-3:2009

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° ± 10° 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.



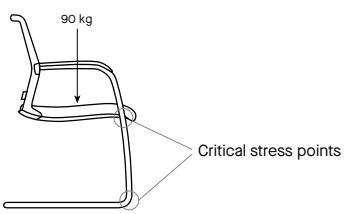
Force application points on seat and backrest (dimensions in cm)

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. The same chair is used for all other tests, such as stability etc. These tests are an integral part of our test procedure.

Dynamic drop test for cantilevers



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.

References

Excerpt

Colombia
- El Dorado International Airport, Bogotá

Denmark
- Catacap, Copenhagen
- GlaxoSmithKline Pharma, Brøndby
- Implement Consulting Group, Hellerup
- Lightyears, Aarhus
- Lundbeck A/S, Valby

France
- Centre d'action sociale de la ville de Paris
- Galerie Nicolas Deman, Paris
- HDH Notaires, Beaune
- La Tour d'Argent, Paris
- Liebherr-France SAS, Colmar
- Senat, Paris
- Technip France, Paris

Germany
- Berlin Brandenburg Airport Willy Brandt
- Centre for renal, hypertensive and metabolic diseases, Hanover
- City Administration Heilbronn
- City Hall Gütersloh
- County Court Dresden
- Deutsche Vermögensberatung AG, Marburg
- Erholungs- und Sportzentrum Winterberg GmbH
- Klinikum Magdeburg gemeinnützige GmbH
- Maschinenraum GmbH, Berlin
- Municipal employment agency District Groß-Gerau
- Rolls-Royce Deutschland Ltd & Co KG, Blankenfelde
- RTI Rauschendorf Tittel Ingenieure GmbH, Darmstadt
- Ruhr University Bochum
- Sonett GmbH, Deggenhausen

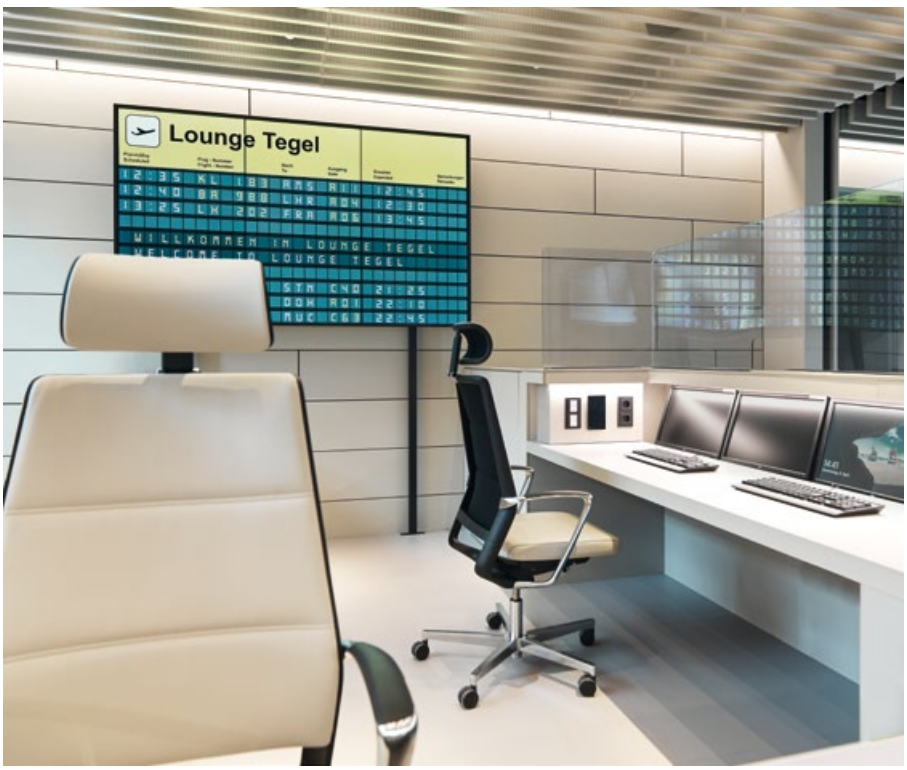
EIreland
- Saudi Council Offices, Dublin

Mexico
- El Palacio de Hierro, Santiago de Querétaro

Norway
- Canon Norge AS, Oslo

United Kingdom
- Birmingham University
- British Arab Commercial Bank, London
- CPA Global Management, London
- Lane Clark & Peacock, London
- Royal London Group, Reading

Maschinenraum GmbH, Berlin



Berlin Brandenburg Airport Willy Brandt

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09/2022 EN Subject to technical modifications / colour variations

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