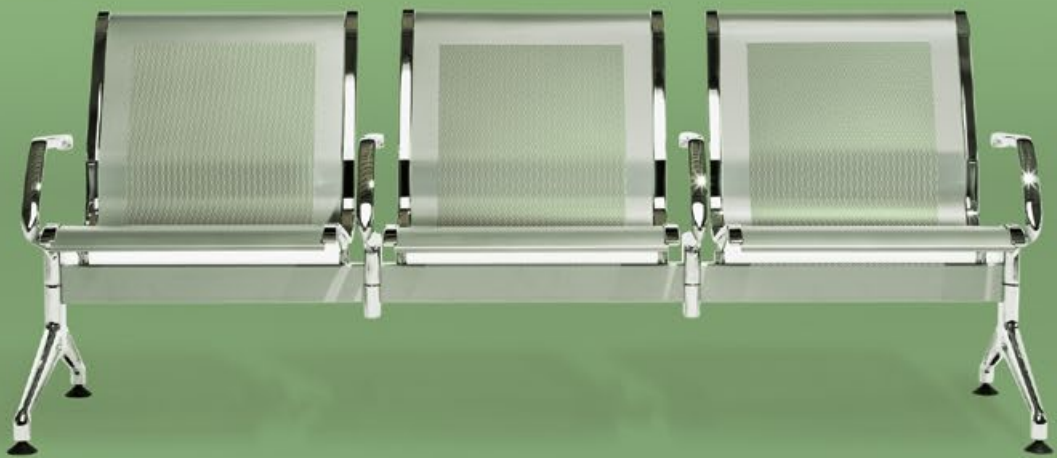


terminal



KUSCH+CO
by Nowy Styl



Its architectonic design and its technical perfection turn this series into a bench seating system of extraordinary versatility. The design is founded on the principle of territoriality, defining each seat separately through gently curved seat shells. A highly successful series in the market segments Airport and Public Seating, with thousands of seat units installed worldwide.



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Design by Prof. Jørgen Kastholm

Born in Denmark, he was trained as an artist blacksmith before studying architecture and interior design. From 1961, he established himself internationally with his minimalistic furniture designs. In 1969, he was awarded the German design prize “Gute Form”, winning many more in his career. From 1975 until 1996, he began lecturing as assistant professor at the University Wuppertal, where he was subsequently appointed professor. He returned to Denmark where he passed away in 2007.







Je boodschap op deze plaats,
contacteer...

Pour être vu ici,
votre partenaire est

ATP

Tel: +32 2 720 02 79
e-mail: info@atp-airports.com

Air Terminal Publicity









Basic finishes

2, 3, 4 seater bench



Seat shell perforated steel

7100/5

Seat shell perforated steel, upholstered seat /back pad

7130/5



Seat shell PU foam

7150/5

Bench with high back and footstool



Available on request

Metal seat shell

A series made of pure metal. A hard-wearing and heavy-duty bench, ideally suited for highly-frequented contract environments. The anatomically designed perforated steel seat shells ensure an ergonomic comfort. When placed between two seats, the bench tops provide sufficient distance to the persons seated next to one.



7100/5

Metal seat shell with upholstered pads

Bench with perforated steel seat shell. The upholstered pads provide an even better comfort level. Available with separate upholstered seat/back pads or upon request with a seat shell pad. Optionally, the seat is substituted for a bench top, serving as storage space and guaranteeing a safe distance between the seated persons.



7130/5

PU foamed seat shell

These seat shells, made of polyurethane (PU) with its slightly grained surface, offer an excellent comfort level, are pleasant to touch, and at the same time heavy-duty and low-maintenance. This seat can also be substituted for a rectangular bench top.



7150/5

Variations

2 seater bench (7100/5)

- Perforated steel seat shell
- Without arms



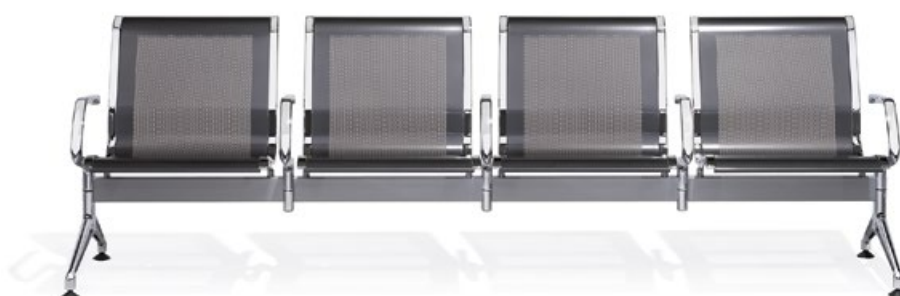
4 seater bench (7130/5)

- Perforated steel seat shell with upholstered pads
- Without arms



4 seater bench (7100/5)

- Perforated steel seat shell
- End and intermediate arms



3 seater bench (7100/5)

- Perforated steel seat shell
- Top in the middle instead of seat



4 seater bench (7130/5)

- Perforated steel seat shell with upholstered pads and cut-out in back
- Side tops
- End arms



3 seater bench (7150/5)

- PU foamed seat shell
- End and intermediate arms



Accessories

PRM Seating

For passengers with reduced mobility, it is possible to raise the seat height of one or more seats within a bench row/configuration by 5 cm or more through the use of spacers. The stable arms provide extra support, facilitating taking a seat or getting up. These benches meet all the requirements of the EU regulation No. 1107/2006 which, among other things, regulates the availability of appropriate seating for passengers with reduced mobility.

PRM = passengers with reduced mobility



Back to back connection

Distance bar to connect the stretcher bars.



Double-ended pedestals to reduce the contact points with the floor.



Angle connection

Extension of stretcher bar and hinge part with corner top for bench connection in any angle between 90° and 270°.



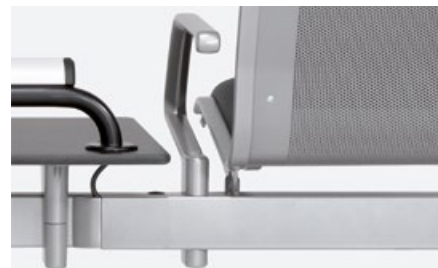
Stability

- Height adjustable plastic glides, black
- Height adjustable plastic glides, nonskid, black
- Wall spacer
- Floor fixation elements, invisibly integrated in pedestal/glides



Power & data

- Cable duct running along the side of the pedestals
- Cable duct attached to the stretcher bar



Socket unit/double socket between two seats. Country-specific power outlets or double USB are available.



Construction and materials

7100 Terminal

Modular construction

Stretcher bar construction for 1 up to 6 seats. Endless row connection in straight line or in any angle between 90° and 270° via round top on a hinge part.

Frame

- Stable stretcher bar made of square tubular steel
- Aluminium die-cast pedestals with glides
- Aluminium die-cast end and intermediate arms

Tops

- Full core material HPL black, HPL Resopal finish Traceless TP black, thickness 13 mm, black lippings

Seat shell

- Ergonomically shaped, perforated steel seat shell, waterfall front seat edge. Upholstered seat/back pads are optional (benches 7100/5, 7130/5)
- Steel side strips with rounded edges, powder coated or chrome (benches 7100/5, 7130/5)
- Ergonomically shaped seat shell. PU foam as self-supporting construction with inside steel frame (benches 7150/5)
- Seat shell screwed to the stretcher bar through steel supports

Cleaning, retrofitting, replacement

- Perforated steel seat shell optionally with cut-out in the back for easy cleaning
- PU surface is stain-resistant, easy to clean and to disinfect for optimum hygiene
- PRM seats and arms can be easily retrofitted
- Upholstered pads can be replaced without difficulty



Finishes

7100 Terminal

Seat shell

- Seat shell perforated steel powder coated acc. to standard collection (benches 7100/5, 7130/5)
- Upholstered seat/back pads, fabric from standard collection
- Optionally available with upholstery with flame retardant foam resp. flame retardant foam and fireproof fabric
- Seat shell PU foam, grained PU surface, black (benches 7150/5)



Powder coated aluminium, polished or bright chrome aluminium

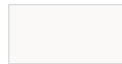
Frame

- Stretcher bar/side rails powder coated acc. to standard collection, optional bright chrome side rails
- Aluminium legs/arms powder coated acc. to standard collection, polished or bright chrome aluminium

Tops

- Full core material HPL black, HPL Resopal finish Traceless TP black, low flammability, black edges, support aluminium powder coated acc. to standard collection, optional support polished or bright chrome aluminium

Powder coating



RAL 9003
signal white



RAL 9006
white aluminium
(metallic effect)



silver aluminium
(metallic effect)



silver 98
(metallic effect)



DB 703
iron mica



RAL 9005
jet black



silk

PU



black
for seat shells

Laminate HPL Resopal®



Traceless TP black
0901-TP,
low flammability,
for tops for benches



Dimensions

Benches, metal seat shell

Weights

- 1 seat shell: approx. 10 kg
- 1 supporting pedestal: 4 kg
- 1 arm: 1.5 kg
- Stretcher bar: 4.5 kg/m
- Upholstered seat pad: approx. 2 kg
- Upholstered back pad: approx. 2 kg

Arms

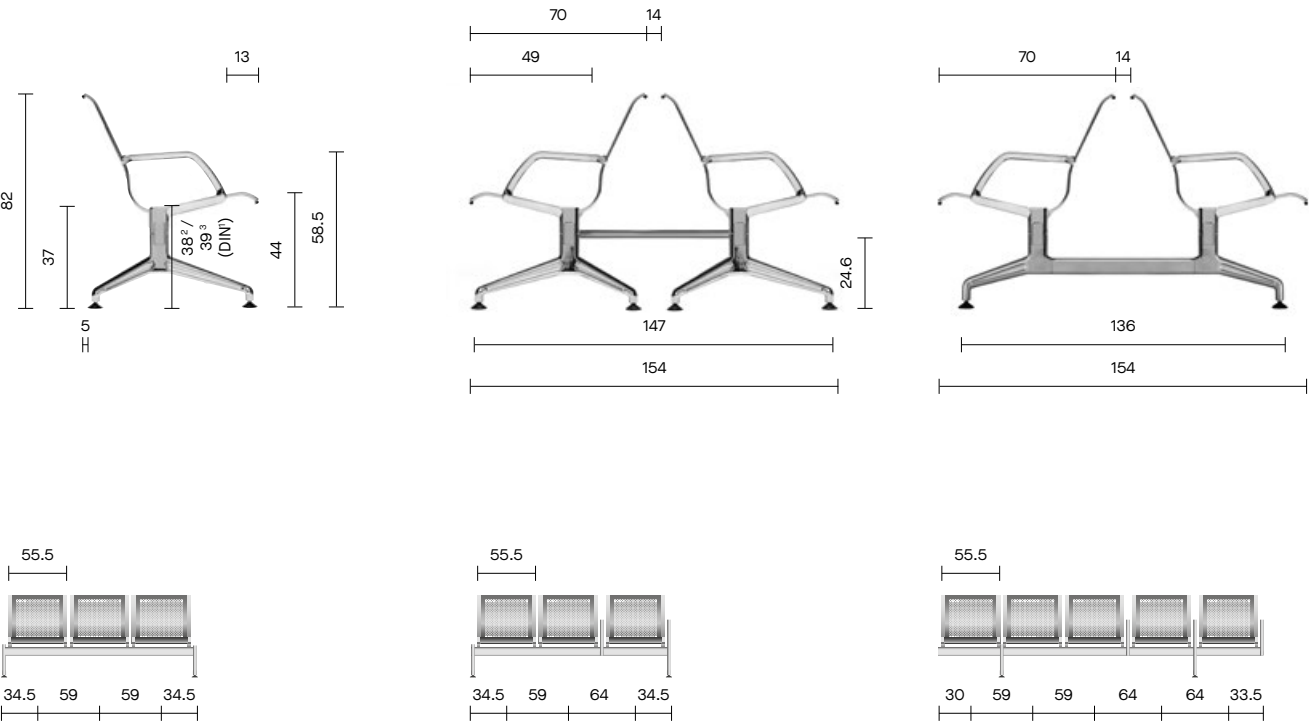
- The length of the bench is not extended when adding end arms
 - except for 5 seater benches plus 3.5 cm per end arm
- Per intermediate arm plus 5 cm

Center to center

- Without intermediate arm 59 cm
- With intermediate arm 64 cm

Dimensions of the benches

- Length of the stretcher bar
 - 1 seater bench: 67 cm
 - 2 seater bench: 125 cm
 - 3 seater bench: 185 cm
 - 4 seater bench: 245 cm
 - 5 seater bench: 296 cm
 - 6 seater bench: 362 cm
- The glides stick out by 1.5 cm;
add 2 × 1.5 cm to get overall dimensions
(except for 5 seater bench)
- Benches cannot be stacked
- Max. 4 seats can be linked without an additional supporting pedestal
- Continuous row connection on request



Plus 3.5 cm per end arm (only 5 seater benches)

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 unupholstered

³ upholstered

Benches, PU foamed seat shell

Weights

- 1 seat shell: approx. 9.7 kg
- 1 supporting pedestal: 4 kg
- 1 arm: 1.5 kg
- Stretcher bar: 4.5 kg/m

Arms

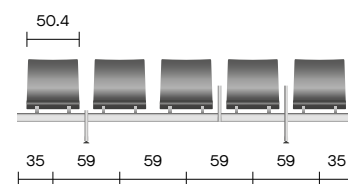
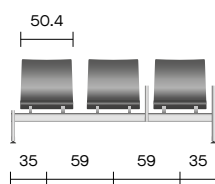
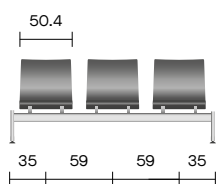
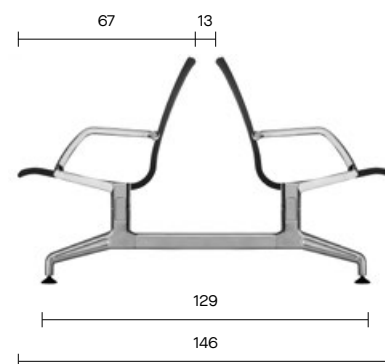
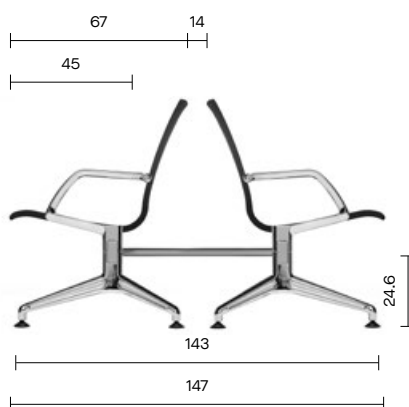
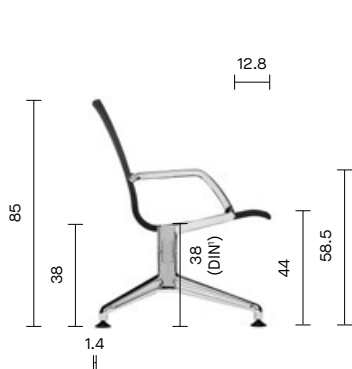
- The length of the bench is not extended when adding end arms
 - except for 5 seater benches plus 3.6 cm per end arm
- The length of the bench is not extended when adding intermediate arms

Center to center

- Without intermediate arm 59 cm
- With intermediate arm 59 cm

Dimensions of the benches

- Length of the stretcher bar
 - 1 seater bench: 68 cm
 - 2 seater bench: 126 cm
 - 3 seater bench: 185 cm
 - 4 seater bench: 244 cm
 - 5 seater bench: 289 cm
 - 6 seater bench: 363 cm
- The glides stick out by 1.5 cm; add 2×1.5 cm to get overall dimensions (except for 5 seater bench)
- Benches cannot be stacked
- Max. 4 seats can be linked without an additional supporting pedestal
- Continuous row connection on request



Plus 3.6 cm per end arm (only 5 seater benches)

Dimensions

Bench with high back and footstool

Available on request

- Featuring a high back and fold-up footstool for easy floor cleaning

Weights

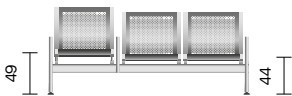
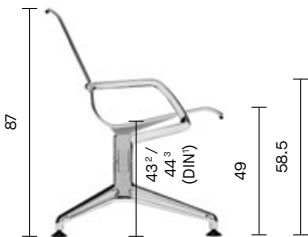
- Headrest: 4 kg
- Footstool: approx. 8 kg



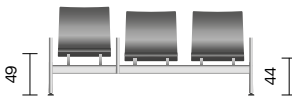
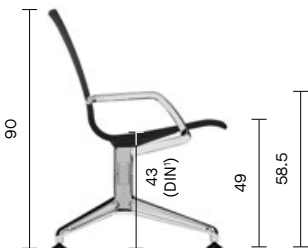
PRM Seating

- Raised seat: seat height 49 cm
- Raised arm height by 5 cm on request (only for models 7100/5, 7130/5)

Metal seat shell



PU foamed seat shell



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 unupholstered
³ upholstered
⁴ metal seat shell (models 7100/5, 7130/5)
⁵ PU foamed seat shell (models 7150/5)

Tops

Rectangular top instead of seat

- Dimensions 55 × 53 cm (for models 7100/5, 7130/5)
- Dimensions 50 × 53 cm (for models 7150/5)
- When used as an intermediate top, the bench's dimensions remain unchanged

Rectangular top

- Dimensions 30 × 60 cm

As exterior top

- On extended stretcher bar without end arm, the bench's width is increased by 26⁴ cm / 31⁵ cm
- On extended stretcher bar with end arm, the bench's width is increased by 31⁴ cm / 31⁵ cm

As intermediate top

- The bench's external dimension is increased by 33⁴ cm / 33⁵ cm

Round top

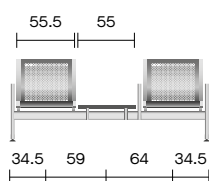
- Diameter Ø 60 cm

As exterior top

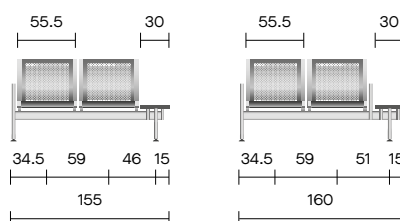
- On extended stretcher bar without end arm, the bench's width is increased by 57⁴ cm / 63⁵ cm
- On extended stretcher bar with end arm, the bench's width is increased by 63⁴ cm / 63⁵ cm

Metal seat shell

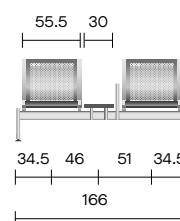
Rectangular top instead of seat



Rectangular top as exterior top

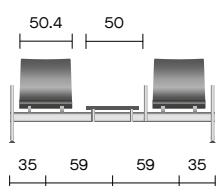


Rectangular top as intermediate top

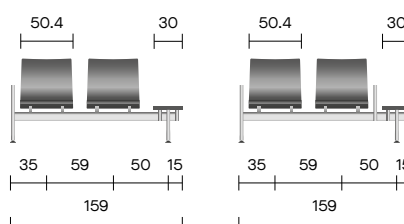


PU foamed seat shell

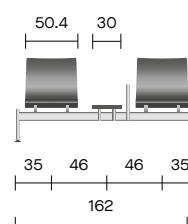
Rectangular top instead of seat



Rectangular top as exterior top

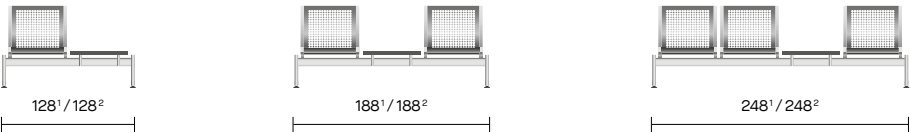


Rectangular top as intermediate top

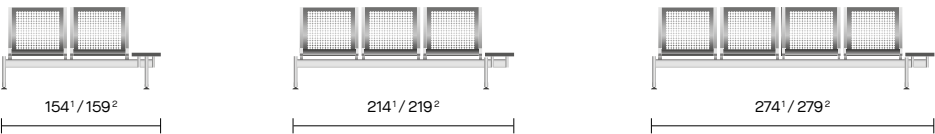


Dimensions

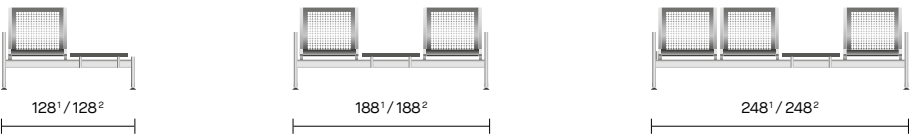
Without arms, with top 55 × 53¹ cm / 50 × 53² cm



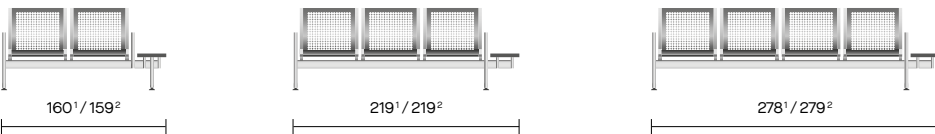
Without arms, with top 30 × 60 cm



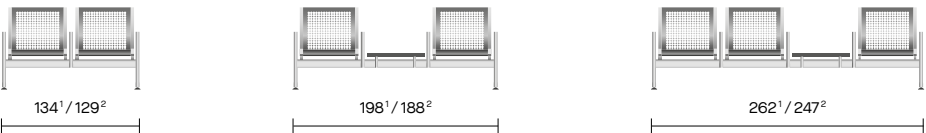
With end arm, with top 55 × 53¹ cm / 50 × 53² cm



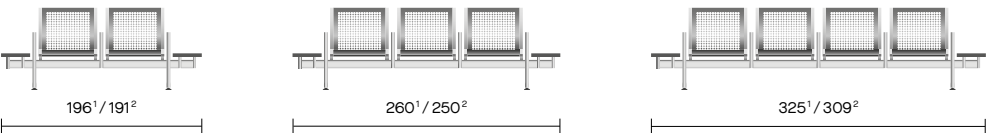
With end arm, with top 30 × 60 cm



With end/intermediate arms, with top 55 × 53¹ cm / 50 × 53² cm



With end/intermediate arms, with tops 30 × 60 cm



¹ metal seat shell (models 7100/5, 7130/5)
² PU foamed seat shell (models 7150/5)

Dimensions in cm

Fire Prevention

Upholstery

The upholstered pads are optionally available with flame retardant foam. In addition, they are 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: NF D 60-013
- Great Britain: BS 5852 Crib 5
- Italy: UNI 9176
- Europe: EN 1021 part 1/2

Frame with perforated steel seat shell

We are happy to provide a so-called Construction Materials Classification Certificate for the variations 7100/5. They meet the requirements of A2 non-combustible acc. to DIN 4102.

PU foamed seat shells

This foam system meets the requirements of the following standards:

- Germany: DIN 66084 P-a
- France: NF D 60-013
- Great Britain: BS 5852 Crib 5
- Europe: DIN EN 1021 Teil 2

Tops

Tops made of HPL full core material are low flammability conform DIN EN 13501 B s1 d2.

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

Please contact us to receive further information.



Germany: DIN 66084 P-a



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.

The benches of series 7100 Terminal meet the following standards:

- DIN EN 16139 Level 1 (strength)
(Δ DIN EN 13761)
- DIN EN 16139 Level 2 (strength)
(Δ DIN EN 15373 Level 3)
- DIN EN 1022 (stability)
- EN 1728:2010 with UNI 10977 Level 5

The benches of series 7100 Terminal with power and data modules are tested acc. to:

- DIN VDE 0701-0702 June 2008
and meet the European Directives
- 73/23/EEC; 93/68/EEC
(Low Voltage Directive)
- 89/336/EEC; 93/68/EEC
(EMC Directive).

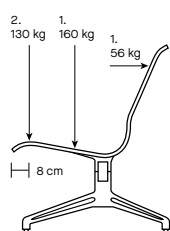
We are certified in compliance with DIN EN ISO 9001:2015. In our own laboratory, we test our products before their market launch whether they comply with the normative requirements applicable to contract seating, task chairs, and tables, and issue a Declaration of Conformity.

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.

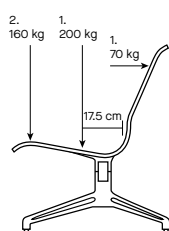


Static load

DIN EN 16139 Level 1 (Δ DIN EN 13761)

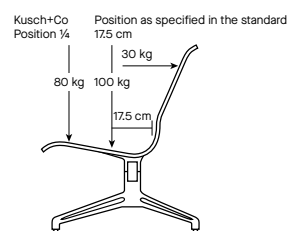


DIN EN 16139 Level 2 (Δ DIN EN 15373 Level 3)



Dynamic load

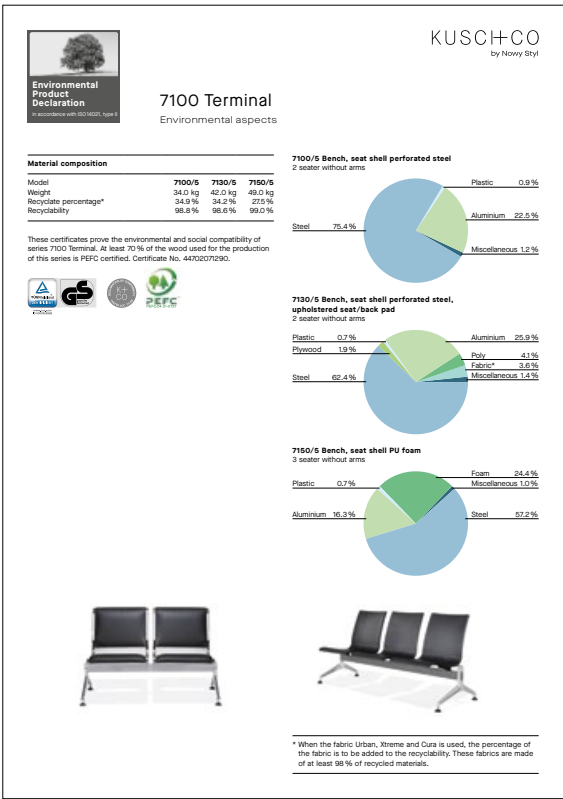
DIN EN 16139 Level 1 DIN EN 16139 Level 2



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.

Environmental Product Declarations are available for all series, in accordance with 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.



References

Excerpt

Argentina

- Aeropuerto Internacional Ministro Pistarini, Buenos Aires/Ezeiza

Bangladesh

- Hazret Shahjalal International Airport, Dhaka

Belgium

- Brussels South Charleroi Airport

Brunei

- Brunei International Airport, Bandar Seri Begawan

Chile

- Aeródromo Maquehue, Temuco

Republic of the Congo

- Aéroport de Djambala

Czech Republic

- Václav Havel Airport Prague

Egypt

- Cairo International Airport

France

- Paris Aéroport – Charles de Gaulle
- Paris Aéroport – Orly

Germany

- Düsseldorf International Airport
- Stuttgart Airport

Ireland

- Dublin Airport

Italy

- Aeroporto di Milano Malpensa
- Aeroporto Leonardo da Vinci, Rom-Fiumicino

Morocco

- Aéroport Fès Saïss

Norway

- Svalbard Airport, Longyearbyen

Portugal

- Faro Airport

Russia

- Sheremetyevo International Airport, Moscow
- Vnukovo International Airport, Moscow

Saudi Arabia

- King Abdulaziz International Airport, Jeddah
- King Fahd International Airport, Dammam
- Prince Mohammad Bin Abdulaziz International Airport, Madinah

Republic of Slovakia

- M. R. Štefánik Airport, Bratislava

South Africa

- King Shaka International Airport, Durban
- OR Tambo International Airport, Johannesburg

Spain

- Aeropuerto de Valencia

Switzerland

- Zurich Airport

Tunisia

- Aéroport International de Tunis Carthage

Ukraine

- Boryspil International Airport, Kiev

United Arab Emirates

- Abu Dhabi Cruise Terminal

USA

- St. Louis Lambert International Airport

Zambia

- Kenneth Kaunda International Airport, Lusaka





References

Excerpt



Aeropuerto de Valencia



Düsseldorf International Airport



References

Excerpt



Stuttgart Airport

© Jürgen Schmidt, Cologne



Aeroporto Leonardo da Vinci, Rom-Fiumicino

© Mauro Fagiani, Rom



Aeroporto di Milano Malpensa

