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Arn Kusch en Co Stoel

KUSCH+CO

When plastic forms a perfect symbiosis with wood or aluminium, the outcome is a chair defining the future of seating. Boasting a healthy and ergonomic comfort, impressive in its functionality, excelling in versatility and elegance. Fascinating and unique in its design.

GERMAN DESIGN AWARD SPECIAL 2016

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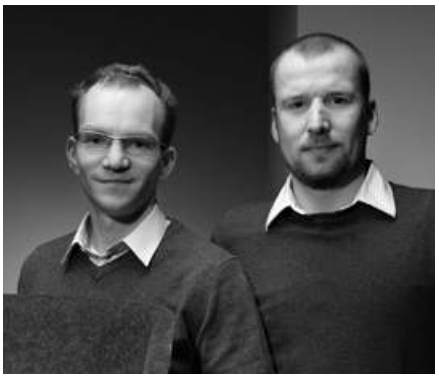


Design by Scaffidi & Johansen

Antonio Scaffidi and Mads K. Johansen both graduated from the Danish Design School in Copenhagen. Whereas Antonio Scaffidi benefits from the symbiosis between his fiery Italian temperament and Nordic culture, Mads K. Johansen was driven by his artistic passion as cabinet maker. Their creative process is centered around flawless efficiency and design as comprehensible visualization. Mads K. Johansen's life journey ended in autumn 2014.

FANTASTIC
MAN

Variations

Arn chair on 4 wooden legs

Wood and plastic seamlessly merge into one another through invisible screw connections. Optionally with upholstered seat and upholstered backrest pad. Available either as chair or chair with armrests, both variations are stacking.

Arn chair on 4 wooden legs, with high back

Next to their appealing design, these variations have an additional advantage in the field of ergonomics. The high back pleasantly supports the shoulder area, relieving the strain on the shoulder and neck muscles.

Arn hocker on 4 wooden legs

The hocker is the taller version of the chair, without compromising on stackability as well as the elegant design language. A steel, chrome-plated footrest provides optimum stability for a comfortable posture. Upholstered seat and back with upholstered pad optionally available.

Arn chair on 4 metal legs

Aluminium substitutes for wood for this series, without changing the design language. These variations are suited for temporary outdoor use.

Arn chair on 4 metal legs, with high back

Many experience it as a relief to feel a stable support in the shoulder area when seated that takes the strain from the shoulder and neck muscles. The high-back variation is designed for this purpose.

Variations

Arn chair on 4 wooden legs

Seat and backrest made of plastic

ARN FRAME CHAIR
4L LGW P

ARN FRAME CHAIR
4L LGW HB P

Upholstered seat and plastic backrest

ARN FRAME CHAIR
4L LGW UPH

ARN FRAME CHAIR
4L LGW HB UPH

Arn hocker on 4 wooden legs

Seat and backrest made of plastic

ARN FRAME CHAIR
HKR 4L LGW P

Upholstered seat and plastic backrest

ARN FRAME CHAIR
HKR 4L LGW UPH

Arn chair on 4 metal legs

Seat and backrest made of plastic

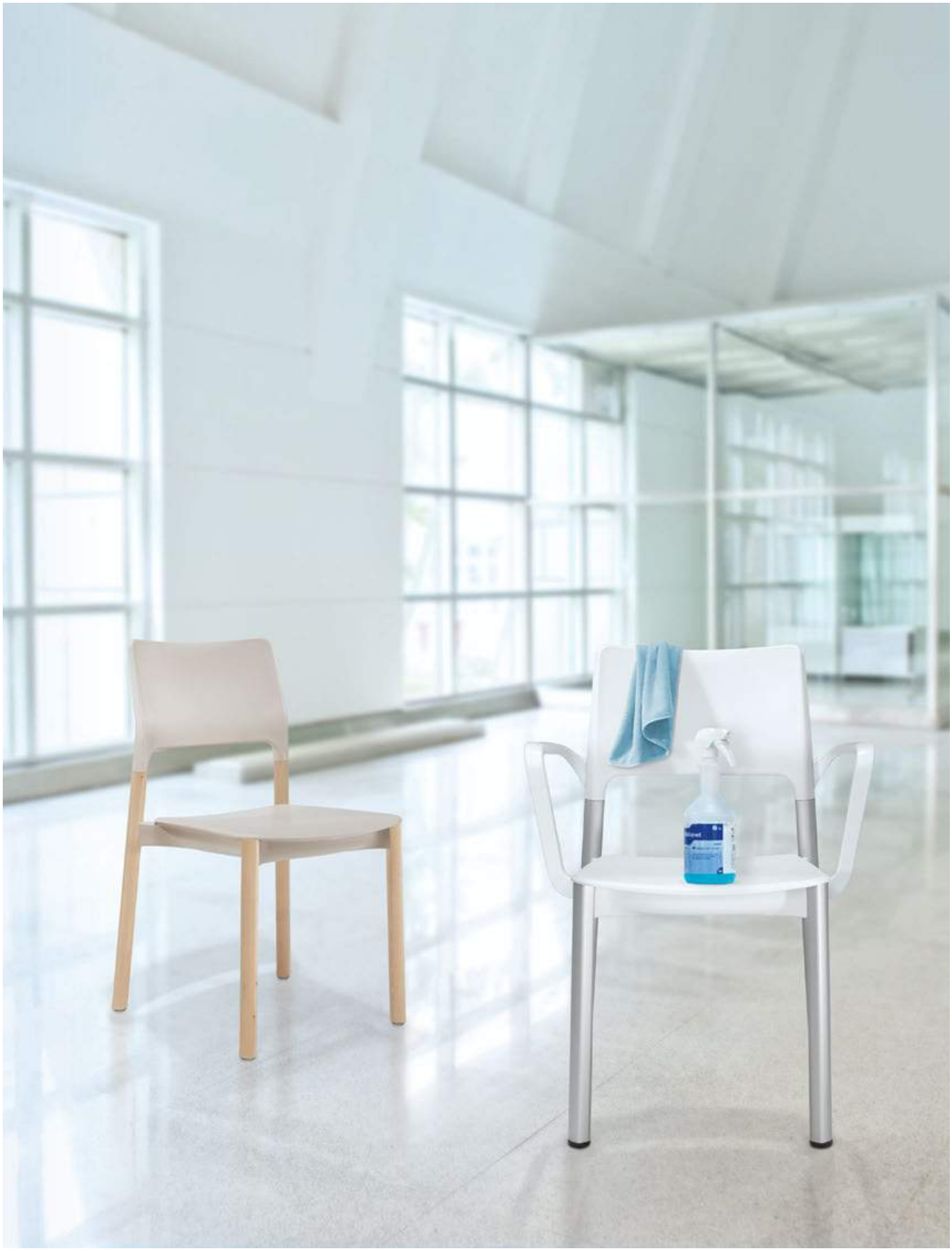
ARN FRAME CHAIR
4L LGM P

ARN FRAME CHAIR
4L LGM HB P

Upholstered seat and plastic backrest

ARN FRAME CHAIR
4L LGM UPH

ARN FRAME CHAIR
4L LGM HB UPH



Variations

kuschmed®
HYGIENIC-LINE

Arn chair on 4 wooden legs

These kuschmed® Hygienic-Line models feature non-porous, dirt-repellent surfaces that can be disinfected to meet high hygiene standards. There are neither concealed nor hard-to-reach places on these chairs. They are available without or with armrests, with low or high backrests. Seat and backrest made of plastic with effective antibacterial properties, without upholstery as standard. Chassis with silicone seal between base and seat to prevent liquids from penetrating. Legs in natural beech with an antibacterial seal.

Arn chair on 4 metal legs

These kuschmed® Hygienic-Line models are available in the same versions. However, with legs made of anodised aluminium, therefore with effective antibacterial properties.

More information about the kuschmed® Hygienic-Line in the Solutions section.

Arn chair on 4 wooden legs

Seat and backrest made of plastic

ARN FRAME CHAIR
4L HYG LGW P

ARN FRAME CHAIR
4L HYG LGW HB P

Arn chair on 4 metal legs

Seat and backrest made of plastic

ARN FRAME CHAIR
4L HYG LGM P

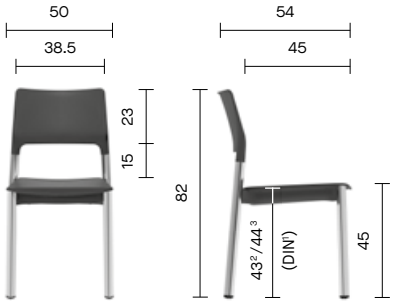
ARN FRAME CHAIR
4L HYG LGM HB P

Product data

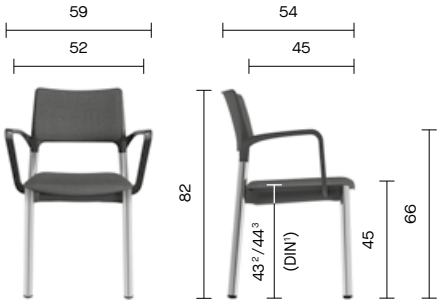
Arn chair on 4 wooden or metal legs

Accessories

- With or without armrests
- Plastic glides
- Plastic glides with felt (not for variations kuschmed® Hygienic-Line)
- Protect glides
- Optional seat height 50 cm or 55 cm (only for variations with metal legs, not for variations kuschmed® Hygienic-Line)
- Optional thicker upholstered seat (comfort upholstery, plus 20 mm, not for variations kuschmed® Hygienic-Line)



Weight:
Arn chair on 4 wooden or metal legs:
5.5 – 6.5 kg depending on model



Weight:
Arn chair on 4 wooden or metal legs:
6.0 – 7.0 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.
[2] unupholstered
[3] upholstered
[4] data/dimensions do not apply to comfort upholstery

Dimensions in cm

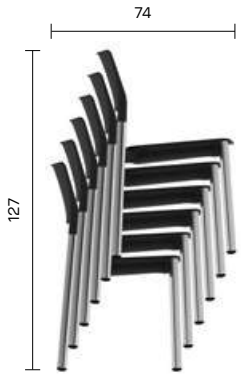
Arn chair on 4 wooden or metal legs

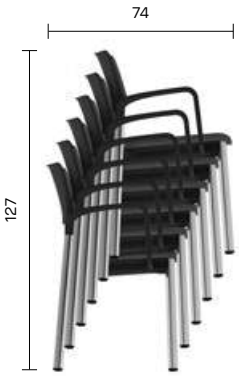
Stackability[4]

- Stackable on dolly CART KU 1: 10 units
- Stackable on dolly CART KU 3: 8 units
- Stackable on dolly CART KU 4: 10 units
- Stackable on dolly CART KU 2: 8 units
- Mixed stacks of chairs and chairs with armrests possible

Stacking unupholstered, upholstered[4]

- 6 units
- Height plus 9 cm per stacking chair / chair with armrests
- Depth plus 4 cm per stacking chair / chair with armrests



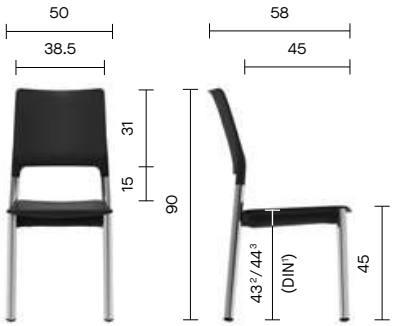


Product data

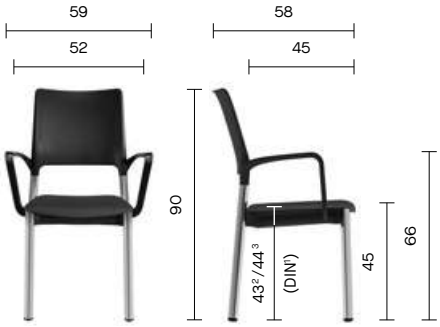
Arn chair on 4 wooden or metal legs, with high back

Accessories

- With or without armrests
- Plastic glides
- Plastic glides with felt (not for variations kuschmed® Hygienic-Line)
- Protect glides
- Optional seat height 50 cm or 55 cm (only for variations with metal legs, not for variations kuschmed® Hygienic-Line)
- Optional thicker upholstered seat (comfort upholstery, plus 20 mm, not for variations kuschmed® Hygienic-Line)



Weight:
Arn chair on 4 wooden or metal legs:
6.0 – 7.0 kg depending on model



Weight:
Arn chair on 4 wooden or metal legs:
6.5 – 7.5 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.
[2] unupholstered
[3] upholstered
[4] data/dimensions do not apply to comfort upholstery

Dimensions in cm

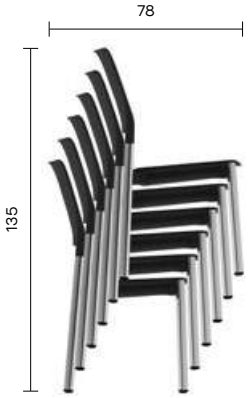
Arn chair on 4 wooden or metal legs, with high back

Stackability[4]

- Stackable on dolly CART KU 1: 10 units
- Stackable on dolly CART KU 3: 8 units
- Stackable on dolly CART KU 4: 10 units
- Stackable on dolly CART KU 2: 8 units
- Mixed stacks of chairs and chairs with armrests possible

Stacking unupholstered, upholstered[4]

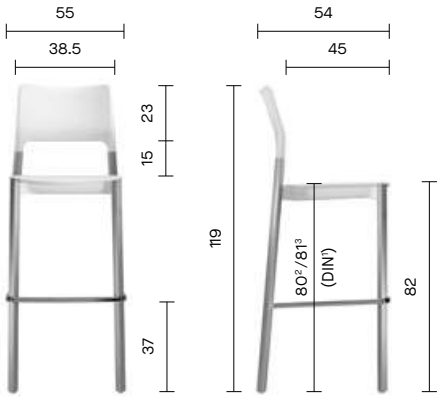
- 6 units
- Height plus 9 cm per stacking chair / chair with armrests
- Depth plus 4 cm per stacking chair / chair with armrests



Product data

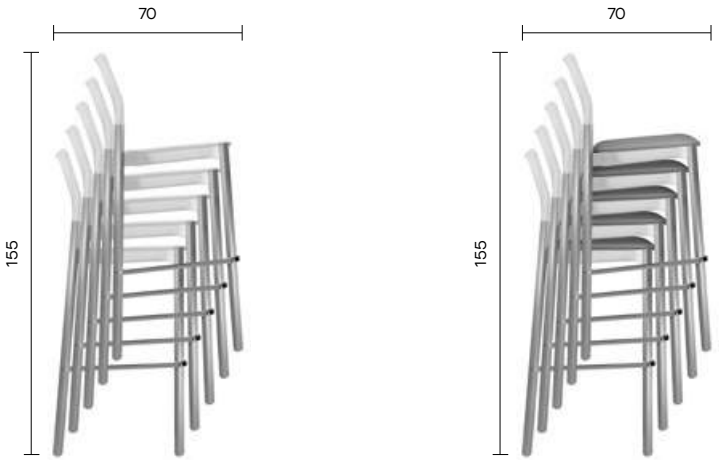
Arn hocker on 4 wooden legs

Accessories
- Plastic glides
- Plastic glides with felt
- Protect glides



Weight: 8.0 – 9.0 kg depending on model

Stacking unupholstered, upholstered[4]
- 5 units on a straight surface
- Height plus 9 cm per hocker
- Depth plus 4 cm per hocker



[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

Dimensions in cm

Materials

Arn

Seat, backrest, armrests
- Chassis (seat underframe) made of glass-fiber reinforced polyamide
- Seat, backrest and armrests made of polypropylene
- Chassis, seat, backrest and armrests signal white, light grey, silk, tinkerbell, quartz grey or black grey
- Optional flame retardant white plastic

Upholstery
- Optional with upholstered seat or upholstered seat and upholstered backrest pad
- Optional with thicker upholstered seat (comfort upholstery, plus 20 mm)
- Upholstery with flame retardant foam or optionally with flame retardant foam and fireproof fabric

Wooden legs
- Natural beech or stained
- Natural oak
- Optional with antibacterial surface coating

Metal legs
- Aluminium anodised mat silver
- Aluminium bright anodised

Variations kuschmed® Hygienic-Line
- Seat, backrest and armrests made of plastic with high antibacterial properties
- Permanently hygienically impervious, and disinfectant-compatible sealing lip between chassis and the seat
- Wooden legs natural beech, optional with antibacterial surface coating
- Metal legs aluminium anodised mat silver or aluminium bright anodised
- Upholstered seat and upholstered backrest pad not possible

Plastic

KW signal white | KY light grey | KK silk

KT tinkerbell | KQ quartz grey | KG black grey

All plastic colours also suited for outdoor use

The plastic parts meet the requirements of the fire prevention standards DIN EN 1021 part 1/2 as well as NF D 60-013. The signal white plastic parts with the flame retardant Tatren Plus, successfully passed the “paper cushion test”, tested acc. to DIN 66084 P-a.

Colour hues matching our plastic colours

Colour	RAL	NCS	RESOPAL Plain Colour	PANTONE	RGB	CMYK
KW signal white	9003	S 0502-B	D354-60 designer white	–	249 / 248 / 247	1 / 1 / 2 / 2
KY light grey	7047	–	0160-60 silver grey	Cool Gray 3	229 / 228 / 228	12 / 9 / 9 / 0
KK silk	075 70 10	S 3005-Y20R	1500N-60 soft grey	Warm Gray 3	192 / 184 / 176	5 / 10 / 25 / 30
KT tinkerbell	110 80 20	S 2020-G40Y	0666-60 pistatcio	7485	177 / 191 / 138	20 / 0 / 40 / 10
KQ quartz grey	7039	S 5502-R	–	403	105 / 99 / 93	50 / 40 / 50 / 40
KG black grey	7021	S 7502-B	10622-60 ebony	446	19 / 31 / 43	45 / 15 / 5 / 95

All colour recommendations are only approximate to the original colour tone. It is impossible to guarantee a perfect colour match.

Outdoor use

The variations with metal legs without upholstered seat and without upholstered backrest pad are suited for a temporary outdoor use up to a certain degree in all colours. The mechanical properties of the plastic components are not impaired by the weather conditions. However, discolouration and irreversible soiling of the plastic components is inevitable, and therefore no grounds for complaint. The outdoor use of these products in extreme weather conditions (i.e. tropics, persisting frost, and exposure to extreme UV radiation or constant temperatures > 40 °C) is not possible, and should be limited dependent on the seasons.

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, or taking the needs and wishes of persons with reduced mobility into consideration. Kusch+Co has worked out individual solutions:

Fire Prevention

Wooden parts
As standard, wooden parts are protected by a UV curing, environmentally harmless, water-based lacquer meeting all the requirements of "low flammability" acc. to DIN EN 13501 B s2 d0.

Plastic
The plastic parts of this seating series meet the requirements of the fire prevention standards DIN EN 1021 part 1/2 as well as NF D 60-013. The signal white plastic parts with the flame retardant Tatren Plus, successfully passed the "paper cushion test", tested acc. to DIN 66084 P-a.

Upholstery
The upholstery is 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.

With skai Parotega NF upholstery material and flame retardant foam, all variations series Arn meet DIN 66084 P-a.

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.

Hygiene

Products from the 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.

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, anti-bacterial powder coating. The silver ions within the coating are activated upon contact with bacterial colonies, diffusing at the surface, denaturating the cell walls of the bacteria, and thus inhibiting their growth.

Arn Hygienic-Line models have legs made of aluminium or sealed beech, an unupholstered backrest and no upholstered seat. A permanently elastic silicone sealing tape is incorporated in the chassis between the base and the seat to make the chairs hygienically impervious. Special plugs seal off the drill holes for the armrests.

kuschmed®
HYGIENIC-LINE

Reduced Mobility

Many people experience mobility difficulties, among them are senior citizens, pregnant women, persons of short stature, as well as persons with an individual disability. Sitting can be quite a hurdle, as they may have difficulties in taking a seat or getting up from normal seating. In this case, the standard seat height of 42 or 45 cm is usually too low.

Seating has to fulfil the following requirements for persons with reduced mobility:
- Seat height of at least 48 cm
- Seat surfaces enabling them to sit upright and to get up more easily
- Stable armrests providing good support
- The legs should be positioned as vertically as possible, so that they don't become a tripping hazard

Next to the standard seat height of 45 cm, all variations of Arn with metal legs are optionally available with a seat height of 50 cm or 55 cm. On top of this, they feature stable armrests and nearly perpendicular legs, and enable an upright posture. The chairs and chairs with armrests of series Arn with metal legs with a seat height of max. 55 cm have a max. load capacity of 150 kg.

Please contact us to receive further information.

Quality, sustainability

Excerpt

Quality

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 Arn
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, task chairs, and tables, and issue a Declaration of Conformity.

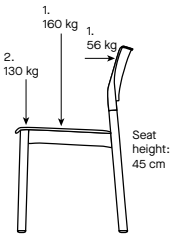
We happily make these Declarations of Conformity as well as our brochure "Mission Statement Quality" providing detailed information on our test procedures available to you – please contact us.

Sustainability

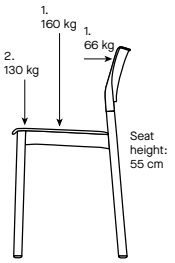
Kusch+Co products stand for long life cycles and optimum recyclability. From the first design drafts of a new product, we take all environmental-relevant components and production processes into consideration, ranging from the materials selection and the design all the way to the manufacturing processes which also contribute towards our sustainable energy balance.

Static load

DIN EN 16139 Level 1
(≙ DIN EN 13761)
Arn with wooden legs



DIN EN 16139 Level 1
(≙ DIN EN 13761)
Arn with metal legs



References

Excerpt

Austria
- DoN in the Office Park, Vienna International Airport

Belgium
- General Hospital Groeninge, Kortrijk
- General Hospital Nikolaas, Campus Beveren
- General Hospital Zeno, Campus Knokke-Heist
- Residential care and nursing home Avondzegen, Eeklo
- Residential care and nursing home De Gerda, Sint-Niklaas
- Residential care and nursing home De Vlinder, Harelbeke
- Residential care and nursing home Huize Sint-Jozef, Ypres
- Residential care and nursing home Sint-Elisabeth, Ostend
- Residential care and nursing home St. Jozef, Sint-Pauwels
- Residential care and nursing home Ter Durme, Lokeren
- St. Jozef Hospital, Campus Bornem

Costa Rica
- Secrets Papagayo, Guanacaste

France
- Residential care and nursing home Résidence au Maire, Paris

Germany
- Aachener Straßenbahn und Energieversorgungs AG (Bus Operating Company)
- Arena Sportsbar, Sportforum Leipzig
- Association for persons with a severe disability e. V., Coppenbrügge
- Barmherzige Brüder Rilchingen gGmbH (Brothers of Mercy), Kleinblittersdorf-Rilchingen
- Borromäus Hospital Leer gGmbH
- Caritas Charity Organisation, St. Elisabeth, Vechta
- Charité – University Medicine Berlin
- Christophorus-Werk Lingen e. V., Residential Home Schapen
- Competence Centre Dementia, Schönebeck
- Danuvius Klinik GmbH, Petershausen
- District Hospital Augsburg
- District Hospital Obermain, Ebensfeld
- Freckenhorster Werkstätten GmbH, Warendorf
- Helios Hospital, Berlin-Buch
- Helios St. Johannes Hospital, Duisburg
- IBM Deutschland Research & Development GmbH, Böblingen
- Klinikum Oberberg GmbH, Gummersbach
- Klinikum Wahrendorff GmbH, Sehnde
- Krankenhaus Wittmund gGmbH
- LWL Hospital Paderborn and Dortmund
- Residential Care and Nursing Home Marienheim, Bad Münstereifel
- Residential Care and Nursing Home St. Anna, Cologne-Lindenthal
- Residential Care and Nursing Home St. Joseph, Meckenheim
- Rheumazentrum Mittelhessen GmbH & Co. KG (Center for Rheumatic Diseases), Bad Endbach
- Robert Bosch Hospital, Stuttgart
- Saxon Hospital Arnsdorf
- Sophien- und Hufeland-Klinikum gGmbH Weimar
- Specialist Hospital Bad Bentheim
- SRH Zentralklinikum Suhl GmbH (Central Hospital)
- St. Joseph's Hospital Berlin-Tempelhof
- St. Mary's Hospital, Dresden
- St. Rochus Hospital Telgte GmbH
- Stadtwerke Lutherstadt Eisleben GmbH (Public Utility Company)

Mexico
- La Galeria Del Gourmet, San Pedro Garza Garcia

United Arab Emirates
- BurJuman Shopping Centre, Dubai

DoN in the Office Park, Vienna International Airport

References

Excerpt

Charité – University Medicine Berlin

Residential care and nursing home De Vlinder, Harelbeke

Rheumazentrum Mittelhessen GmbH & Co. KG (Center for Rheumatic Diseases), Bad Endbach

Residential care and nursing home Ter Durme,

Lokeren 35

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07/2022 EN Subject to technical modifications / colour variations