

Aline.

230 range. Technical details.

Function

Stylish and coherently designed, multi-purpose furnishing range for meetings, consultations and seminars, in showrooms and event spaces, areas for breaks, lounges and bistros, as well as libraries, internet cafés or a home office.

Skid-base chair

Light, transparent, stackable multi-purpose chair for meetings, consultations, seminars and large-scale events. Very compact, form-fit stacking, with each chair adding only 20 mm ($\frac{3}{4}$ ") to the height of the stack due to self-engaging, covered seat and back frames (total height of 15 stacked chairs is 106 cm (41 $\frac{3}{4}$ ")). Weight 5.1 kg only (without armrests), 5.4 kg with armrests.

Counter/bar height stool

Stylish and transparent stool with backrest and footrest bar.

Swivel chairs and visitor chairs

Simple, transparent visitor swivel chairs and height-adjustable office swivel chairs for meetings and consultations, Internet cafés, showrooms and hot desking spaces.

Tables

Square and circular top pedestal tables in low, sitting and standing height (optionally stackable) and rectangular tables on a T-shaped base for lounges and recreational areas, cafeterias and bistros.

Bench unit

Bench unit comprising a supporting structure with three or five location points for seat units with transparent membrane and/or side tables for furnishing exhibition facilities, customer service areas, department stores, doctors' surgeries and transit areas.

Chairs

Frame

Skid-base chair

Skid base in round steel rod, diameter 12 mm ($\frac{1}{2}$ "), bright chromium-plated. The skid base supports the front seat frame and integrates with the backrest frame at the rear. On request, with additional glides in black polyamide for soft floors, optionally with felt insert.

Counter and bar height stool

As for skid-base chair, but not stackable. Additional bright chromium-plated stretchers (16x6 mm) ($\frac{5}{8}$ " x $\frac{1}{4}$ ") that form a stable structural grid, integrating a recessed footrest bar in round steel rod.

Swivel chair and visitor chair

Four-star base (visitor chair) or five-star base (swivel chair) in die-cast aluminium, bright chromium-plated. Visitor chair with glides in black polyamide (for soft floors) or black polyurethane (for hard floors), optionally with additional felt insert. Swivel chair with twin wheel swivel castors in black polyamide with load dependent braking (for soft floors) or with a soft lining (for hard floors); anti-static castors on request. Fixed height swivel pedestal with contact suppression feature (visitor chair) or additional infinitely height adjustable pedestal (swivel chair), bright chromium-plated tube.

Seat and back

Seat and back frames in high-performance, glass fibre-reinforced polyamide, optionally through-dyed in black, grey or white, with resilient coated polyester membrane in the same colour as the seat and back frames. Optionally also two-tone membrane in the colours copper/black or silver/black available for seat and back frames through-dyed in black only. Back frame optionally without armrests or with armrests in matching material and colour.

Swivel chairs and visitor chairs (mod. 232/1, 232/2, 231/1, 231/2) optionally with seat cushion in cut foam, cover with stitched fluting, thickness of cushion 10 mm ($\frac{3}{8}$ ").

Bench unit

Frame

Unitary foot sections in die-cast aluminium, bright chromium-plated, uprights in round steel tube coated in black or white. Supporting beam in solid square section steel, coated black or white to match the up-rights, with three or five location points for variable configuration of seat units and/or side tables. Location points for seats in steel, bright chromium-plated; location points for side tables coated to match the supporting beam in either black or white. Configured in rows, versions with armrests can only be mounted to alternate with armless versions. Foot sections with glides for hard or soft floors, on request with felt insert.

Seat and back

Seat and back frames in high-performance, glass fibre-reinforced polyamide, optionally through-dyed in black or white, with resilient coated polyester membrane in the same colour as the seat and back frames. Back frame optionally without armrests or with armrests in matching material and colour.

Side tables

Side tables in HPL (high pressure laminate), through-dyed in black or white, thickness 12 mm (1/2") in format 50x50 mm (19 $\frac{5}{8}$ " x 19 $\frac{5}{8}$ ").

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Tables

Frame

Models 235/236

Four-star base in die-cast aluminium, bright chromium-plated, with glides in black polyamide (for soft floors) or black polyurethane (for hard floors), optionally with additional felt insert. Central column in 4 mm ($\frac{1}{8}$ ") steel tube, diameter 40 mm ($\frac{15}{8}$ "), for low, sitting and standing height (45/73/105 cm) ($17\frac{3}{4}$ "/ $28\frac{3}{4}$ "/ $41\frac{3}{8}$ "), coated in black or white to match top surface, with steel flange coated black; stackable version additionally with slip-free separator, collar and docking guide in black plastic.

Models 237

Unitary, die-cast aluminium foot section, optionally bright chromium-plated, or coated in black or white. Black polyamide glides (for soft flooring), or black polyurethane (for hard flooring), optionally with additional felt insert. Aluminium upright to match table top, black or white coated, or optionally bright chromium plated. Underframes made of rectangular steel tube with flange, depending on the foot section, coated black or white. If the foot section is bright chromium-plated, black coating.

Core material of table top

Table top in through-dyed HPL (high pressure laminate) in the colours black or white. Each with thickness 12 mm ($\frac{1}{2}$ "). Models 235/236 in sizes: 60x60 cm ($23\frac{5}{8}$ " x $23\frac{5}{8}$ ") (for table heights 45 ($17\frac{3}{4}$ ") and 105 cm ($41\frac{3}{8}$ ")) and 70x70 cm ($27\frac{1}{2}$ " x $27\frac{1}{2}$ ") (for table heights 73 cm ($28\frac{3}{4}$ ")) and circular, diameter 75 cm ($29\frac{1}{2}$ ") (for table heights 45 ($17\frac{3}{4}$ ") and 73 cm ($28\frac{3}{4}$ ")) and diameter 70 cm ($27\frac{1}{2}$ ") (for table height 105 cm ($41\frac{3}{8}$ ")).

Models 237 in sizes:

(Table height 73 cm ($28\frac{3}{4}$ "))
70x140 cm ($27\frac{1}{2}$ " x $55\frac{1}{8}$ ")
75x150 cm ($29\frac{1}{2}$ " x 59 ")
80x160 cm ($31\frac{1}{2}$ " x 63 ")
90x180 cm ($35\frac{3}{8}$ " x $70\frac{7}{8}$ ")
90x200 cm ($35\frac{3}{8}$ " x $78\frac{3}{4}$ ")

With veneered version (on request): MDF panel only in combination with veneered surface finish with colour-matched, chamfered wood lipping (with a radiused edge). Exception: maple or ash with a natural finish is not available.

Table top group 2 – veneer

Thickness 20 mm ($\frac{3}{4}$ ")

Variation 1:

Beech or oak veneer according to Wilkhahn woodstain colour samples with wood lipping, as far as possible in the same colour as the veneer.

Variation 2:

Cherry, walnut or elm veneer, as well as Wilkhahn veneer Mocca according to Wilkhahn woodstain colour samples with wood lipping, as far as possible in the same colour as the veneer.

Veneer version

As a standard, veneers are slip-matched onto the table top.

Surfaces sealed with clear lacquer: Open-pore: oak, walnut and elm veneer, as well as Wilkhahn veneer Mocca.

Closed-pore: beech and cherry veneer.

Some specific growth features possible.

Accessories

Optionally for skid-base chair, retractable inline connector made of matt, chromium-plated flat steel. When linked, chairs with armrests must alternate with chairs without armrests.

Stacking trolley allowing compact storage in steel tube, coated black, with four heavy duty wheels for hard and soft floors, two of which are lockable directional wheels.

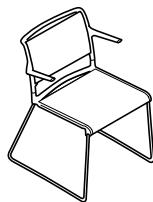
Standards

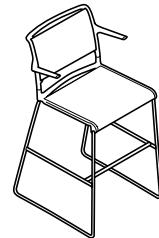
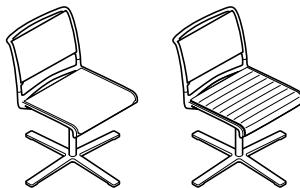
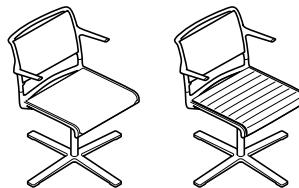
Aline stackable chairs conform to the Office Chair Standard DIN EN 13761. Aline bench units: EN 13761, DIN EN 1022 and ANSI/BIFMA X 5.1



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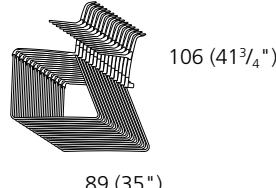
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230/1
 □ 44 (17³/₈) □ 78 (30³/₄)
 □ 54 (21¹/₄) □ 58 (22⁷/₈)

230/2
 □ 44 (17³/₈) □ 78 (30³/₄)
 □ 59 (23¹/₄) □ 58 (22⁷/₈)

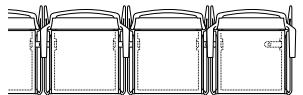
230/5
 □ 69 (27¹/₈) □ 105 (41³/₈)
 □ 54 (21¹/₄) □ 61 (24")

230/6
 □ 69 (27¹/₈) □ 105 (41³/₈)
 □ 59 (23¹/₄) □ 61 (24")

231/1
 □ 45 (17³/₄) □ 80 (31¹/₂)
 □ 50 (19⁵/₈) □ 67 (22¹/₂)

231/2
 □ 44 (17³/₄) □ 80 (31¹/₂)
 □ 59 (23¹/₄) □ 57 (22¹/₂)

232/1
 □ 40/52 (15³/₄ " / 20¹/₂ ")
 □ 76/88 (29⁷/₈ " / 34⁵/₈ ")
 □ 65 (25⁵/₈ ") □ 64 (25¹/₄ ")

232/2
 □ 40/52 (15³/₄ " / 20¹/₂ ")
 □ 76/88 (29⁷/₈ " / 34⁵/₈ ")
 □ 65 (25⁵/₈ ") □ 64 (25¹/₄ ")

232
 □ 96 (37³/₄ ") □ 61 (24")
 □ 118 (46¹/₂ ")


89 (35")

106 (41³/₄ ")78 (30³/₄ ")58 (22⁷/₈ ")

When using inline connectors:
 chairs with armrests may alternate
 with models without armrests.

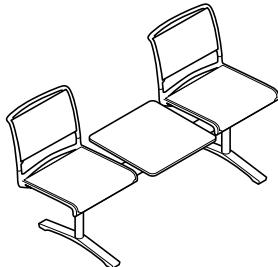
Symbols

- Seat height
- Overall height
- Width
- Depth

All dimensions in cm (inches).

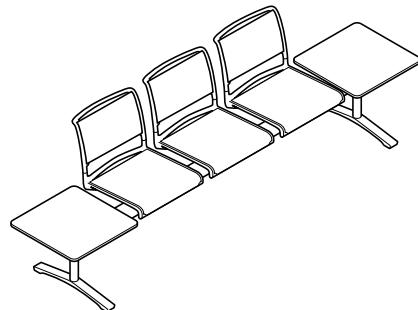
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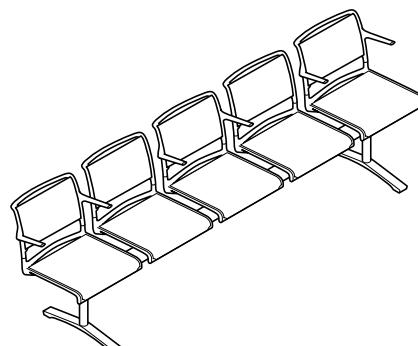
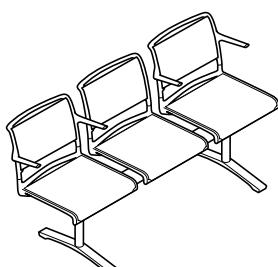
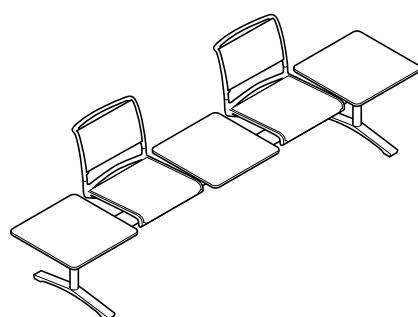
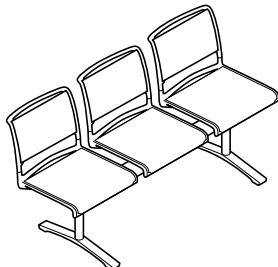


233/3
 □ 44 (17³/₈) □ 80 (31¹/₂) □ 158 (62¹/₄) □ 59 (23¹/₄)

The 230 range bench unit is available in two sizes with three or five location points for the attachment of side tables and seat units – optionally as a five-seater, a three-seater or a two-seater with a corresponding number of side tables.



233/5
 □ 44 (17³/₈) □ 80 (31¹/₂)
 □ 266 (104³/₄) □ 59 (23¹/₄)

Configuration examples:

Symbols

- Seat height
- Overall height
- Width
- Depth

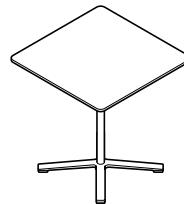
All dimensions in cm (inches).

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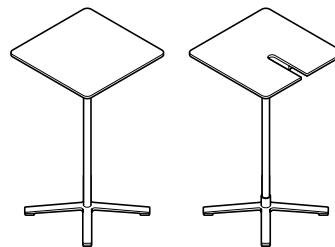
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235/1
60 x 60 (23⁵/₈" x 23⁵/₈")
H 45 (17³/₄")



235/2
70 x 70 (27¹/₂" x 27¹/₂")
H 73 (28³/₄")



235/3
60 x 60 (23⁵/₈" x 23⁵/₈")
H 105 (41³/₈")



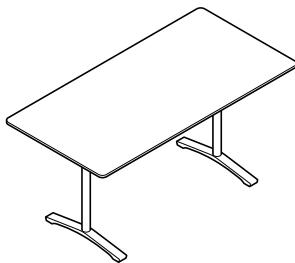
236/1
Ø 75 (29¹/₂"), H 45 (17³/₄")



236/2
Ø 75 (29¹/₂"), H 73 (28³/₄")



236/3
Ø 70 (27¹/₂"), H 105 (41³/₈")



237/00
70–90 x 140–200
(27¹/₂" – 35³/₈" x 27¹/₂" – 35³/₈"),
H 73 (28³/₄")