

Product sheet Part 1

The modular furniture system System 180

System 180 GmbH
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Examples (f.l.t.r.): sideboard, shelf, counter

Description

The modular steel tube furniture system by System 180 allows for individual configurations within the scope of the systematic logic. The system scales in 7 graded module widths and 6 different heights and offers a selection of 7 functional furniture depths. Many accessories such as doors, drawers, feet, casters and more allow you to equip your furniture pieces to suit your needs exactly. The tubing is offered in brushed stainless steel „SteelLine“ finish and black powder coated „BlackLine“ finish. In terms of surface design, you can choose between eleven solid colours and two real wood veneers. Shelving supports are made of MDF panels coloured right through in black. The final effect shows prominent black edges, smoothed out by an innovative System 180 process and sealed on all visible surfaces using wood oil.

Features

With its range of options the modular furniture system provides nearly infinite possibilities for designing and realizing customized furniture. The use of high-quality materials and its classic design ensures it is built to last. The modular structure of the furniture system allows for adjustments to existing configurations.

Packaging

For transport, the furniture is wrapped in packaging foil. Edges and corners are protected with cardboard edge protectors.

Assembly

The tables are shipped, fully assembled. Final assembly is carried out by a professionally trained assembly service.

Service life

The product is extremely hardy when used as intended. The table models included in the modular furniture system conform to the norms on strength, durability and safety contained in the DIN EN 14073-2 2004-11 standard.

Combination with other products

– n.a. –

Design

System 180 is defined by a combination of constructive clarity and high-quality materials. With its prominent connection node the furniture system embodies an independent design while integrating seamlessly into all kinds/a range of interior concepts. With its classical form, System 180 creates conditions for long-lasting usage.

Labelling

manufacturer's label

Warning messages

According to DIN FB 147, EN 14073 Part 2, 3 and EN 14074 wall mountings are required, depending on height, depth and configuration of the furniture.



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Instructions for use

The MDF-panels obstructed in the modular furniture system and versatile components are suitable solely for usage in dry, well climatized interiors. Never let the surface get permanently wet (e.g. waterglass, plant containers)! Our shelving system conforms with the guidelines of norm DIN EN 14073-2 2004-11. System floors and shelves can be loaded with up to 40 kg. Fortified shelvings must be used for loads above 40 kg. Pull-out shelves can be loaded with up to 25 kg. Individual casters can carry up to 60 kg. The locks on the casters can be operated by foot. The warranty for the appropriate, flawless condition of our products is regulated by the particular, valid, legal requirements.

Please note: Self assembled furniture is exempt from warranty claims. Please save your receipt or proof of assembly by trained personnel.

Warnings: Always secure furniture with casters from rolling by activating the locks on the casters! Unsecured furniture can pose a risk of injury. To move the furniture, release the locks on all casters. Moving the furniture with secured locks can lead to malfunction, abrasion and damage.

Care instructions

Melamine-coated tabletops

Melamine-coated tabletops can be wiped with a soft, dry, lint-free cloth during regular cleaning. Never let moisture accumulations soak into furniture edges and corners! Never allow moisture (from glass rims, plant pots, etc.) soak into the surface or edges of the furniture.

Water-soluble soiling can be wiped away using a well-wrung out damp cloth. You can add a small amount of a mild cleaning agent to the water. Never use caustic or scouring cleaning agents! Wipe dry after cleaning.

Natural wood surfaces

Such surfaces should be cleaned and maintained regularly to ensure their durability. Never allow moisture (from glass rims, plant pots, etc.) soak into the surface or edges of the furniture.

Wiping the surface during regular cleaning with a dry, soft, lint-free cloth should be enough to remove loose dirt and dust. You should rub woodcare oil (e.g. HABiol) across your veneer surfaces occasionally, and then give them a good polish.

Water-soluble soiling can be wiped away using a well-wrung out damp cloth. You can add a small amount of a mild cleaning agent to the water. Never use caustic or scouring cleaning agents! Wipe dry after cleaning.

In case of heavy water-soluble soiling that cannot be removed using a damp cloth, you may need to subject it to a restoration treatment. Please use only appropriately trained specialists for this purpose! Rub the surface energetically with a scouring pad (such as Scotch-Brite). Then use a wood\surface care product (e.g. HABiol), following the manufacturer's instructions carefully.

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Stainless steel parts

Stainless steel surfaces should be cleaned using cleansing cloths, soft sponges or brushes with clean, hot water, with all-purpose cleaner containing no abrasive ingredients where necessary. Before drying, all traces of detergent should be carefully removed.

Particular types of staining (e.g. limescale residues) may be removed with light acidic cleaning agents containing 10 % citric or acetic acid. Wipe all treated surfaces thoroughly to remove all residues .

Please note: The corrosion resistance of stainless steel may be reduced by acids and halogen compounds (chlorides, bromides, iodides). For this reason, no cleaning agents containing strongly acidic salts should be used. Such substances include decalcifiers based on formic acid and amidosulfuric acid, drain cleaning agents, hydrochloric acid and silver cleaning agents. Do not use any chloride solutions, caustic or abrasive substances (scouring powder, steel wool), nor polishes, wax or bleaching agents.

To avoid extraneous rust, do not use either cleaning utensils made of non-stainless steel (spatulas, steel wool) or other items previously used to clean non-stainless steel.

Disposal

The piece can be fully dismantled at the end of its useful life. Its components can be separated according to their various recycling classes and sent for recycling according to their waste code number (AVV).

- Frame, casters and small parts: 20 01 40 AVV (metals)
- Tabletop: 03 01 05 AVV (sawdust, chippings, off-cuts, wood, chipboard and veneers, with the exception of those included under 03 01 04).
- The piece may also be disposed of entirely intact as: 20 03 07 AVV (bulky waste).

Technical datasheet

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Material	Description	Value	Norm
MDF StyleBoard, black	Attractive MDF panels with uniform structure coloured right through in black		EN 622-5:1997 EN 622-3:2004
	Gross density	770-780 kg/m ³	DIN EN 622-5
	Longitudinal bending tensile strength	8–28 N/mm ²	EN 310
	Bending tensile strength across width	0.1–0.4 N/mm ²	EN 319
	Swelling over 24 hrs	7–20 %	EN 314
	Bending elastic modulus	1600–2900 N/mm ²	EN 310
	Fire performance	Normal flammability Ds2, d0	
	Formaldehyde emission class	E1	DIN EN 717-2 DIN EN 120
	Harmless in contact with foodstuffs		EN 1186 EN 13130 CEN/TS 14234
	Surface texture VV – Gloss level	≤ 20 gloss units	DIN EN 527
Furniture-quality linoleum	Elastic, antistatic coating material made of natural raw materials on impregnated paper, suitable for edge-to-edge writing pads, furniture and other interior surfaces.		
	Thickness	2 mm	EN-ISO 24346
	Reflection haze	< 5	ISO 2813
	Residual indentation properties	≤ 0.2 mm	EN-ISO 24341-1
	Light fastness	Method 3: Level 6	EN-ISO 105-B02
	Chemical resistance		EN-ISO 26987
	Anti-static		EN 1815
Technical fittings	The socket units are perfectly suited for supplying mains and data connections to workstations flexibly in partition systems and raised floors.	M earthing contact Germany / Type F, Rating data: 16 A / 250 V max. 3680 W	DIN VDE 0620-1 / Type DIN 49440 / CEE 7/3
Steel tubing	Ferritic corrosion-resistant stainless steel tubing 1.4509, brushed surface	Ø 20x1 mm	DIN EN 10217-7
	Strength / Eddy current tested	6000 mm, -0/+20 mm	EN 10204
	Tolerance	D4/T3	EN 1127

The products included in the modular furniture system System 180 conform to the norms on strength, durability and safety contained in the DIN EN 14073-2 2004-11 standard.