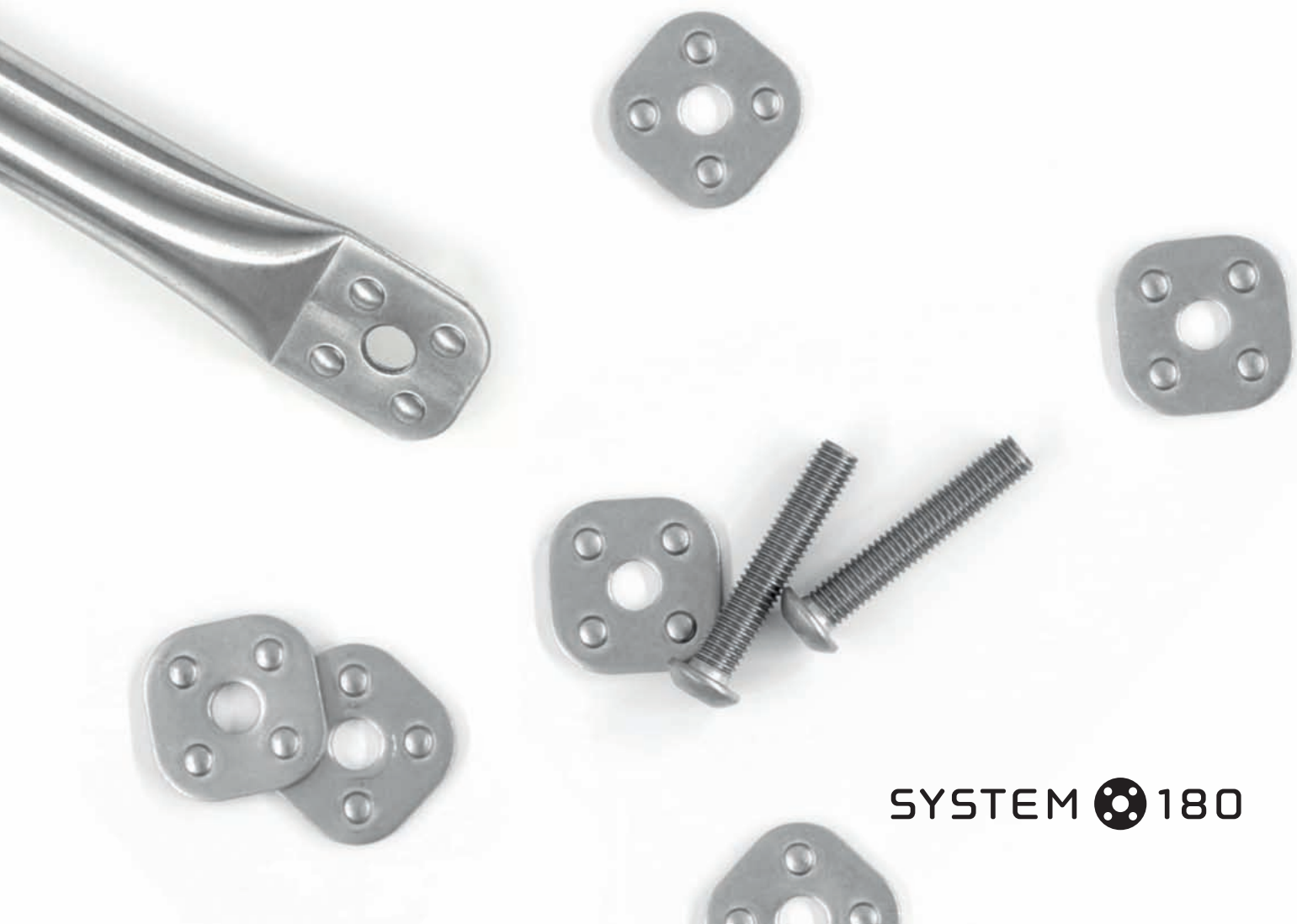


Facts&Details



SYSTEM  180

System 180 is a modular construction system that can be flexibly used for furniture construction as well as for architectural tasks. System 180 was developed based on a grid size of 180x180 mm.

This size – and its multiples – are used in many areas of daily life (e.g. 1x180 mm = step height, 2x180 mm = folder height, 4x180 mm = table height). With this basis, System 180 solutions are highly compatible with different applications. The origin for the „Spatial construction system“ patented since 1989 dates back to the early 1980s. The principle developed by Prof. Jürg Steiner – flat-pressed tubes superimposed and stabilised with an embossed nodular pattern – forms the simple but convincing constructional basis. With continuous development of form and function, System 180 offers near-unlimited options today; it has received several awards for design competence and design quality.

Based on our claim to producing a sustainable product, we consider environmentally compatible production from material selection and along the entire value-added chain. System 180 products are stable life-long companions; their modular build makes them so diverse that they can be reused any time. With qualified employees and state-of-the-art production methods, we reliably ensure high product quality. Operational environmental protection is very important in our everyday production.

To make our claim to quality and environmental awareness measurable, we introduced a quality and environmental management system aligned with ISO 9001:2008 and 14001:2004 in 2005 and consistently developed it further since then.

As early as in 2000, System 180 was awarded the iF design award. In 2011, System 180 won the reddot design award in its office application. The German Design Council also considers System 180 among the „Design Deutschland 2011 SELECTED“.

To this day, the combination of constructive clarity and high-quality material defines the style.

This combination is just what gives the furniture building system with its characteristic connection node its unique design while seamlessly matching the different interior concepts. With its classic form language, System 180 creates the requirements for long-term use. Its modular character offers diverse and unusual design options, securing a consistent overall appearance.

Furnishings with System 180 are always a clear statement for individuality, modernity and openness.

Contact

System 180 GmbH

Kärntener Straße 21
10827 Berlin-Schöneberg
contact@system180.com
Telefon +49.(0)30.788 58 41
Telefax +49.(0)30.787 09 160

Showrooms

System 180 Store #10707

Wielandstraße 26
10707 Berlin-Charlottenburg
Telefon +49.(0)30.88 47 29 74
Telefax +49.(0)30.88 47 29 75

System 180 Store #10117

Margarete-Steffin-Straße 250
10117 Berlin-Mitte
Telefon +49.(0)30.21 23 07 52
Telefax +49.(0)30.21 23 07 56

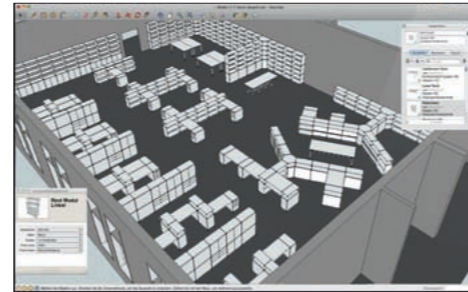


reddot design award
winner 2011



Planning

To implement the system's diverse options, we provide different tools for different requirements. In spite of the different programmes, we focus on individual consulting. We will gladly support you in small and large projects.



Online Configurator

Use the online configurator to plan your shelves or sideboards, display them photorealistically and order them online right away.

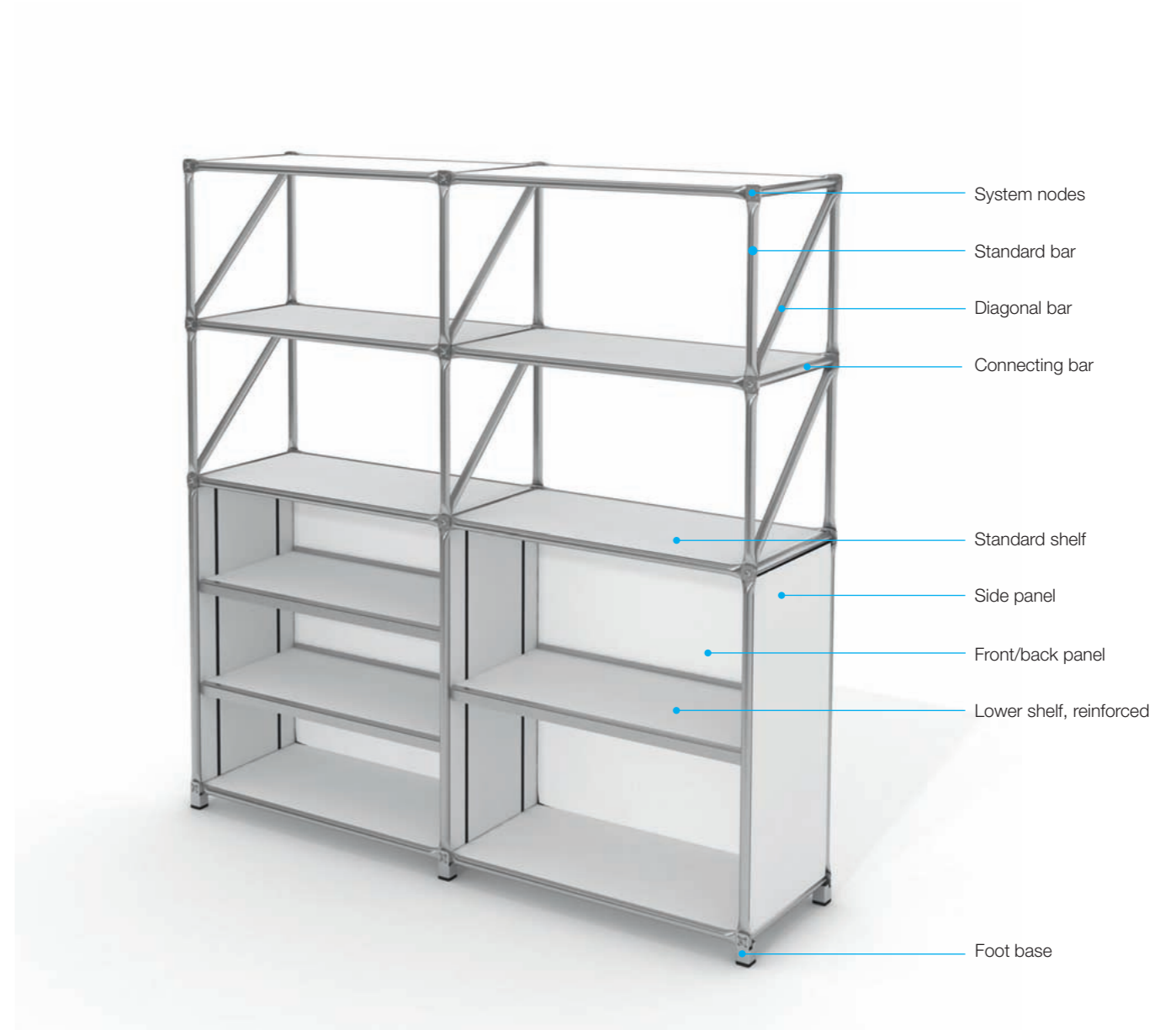
3D Planning Software

We offer our 3D planning software for more complex system constructions with additional depths, work surfaces and corner modules. It enables realistic presentation, price calculation and direct ordering from the software.

SketchUp

For object planners and pros in the planning area, we offer supplementary components for the 3D programme SKETCHUP*.

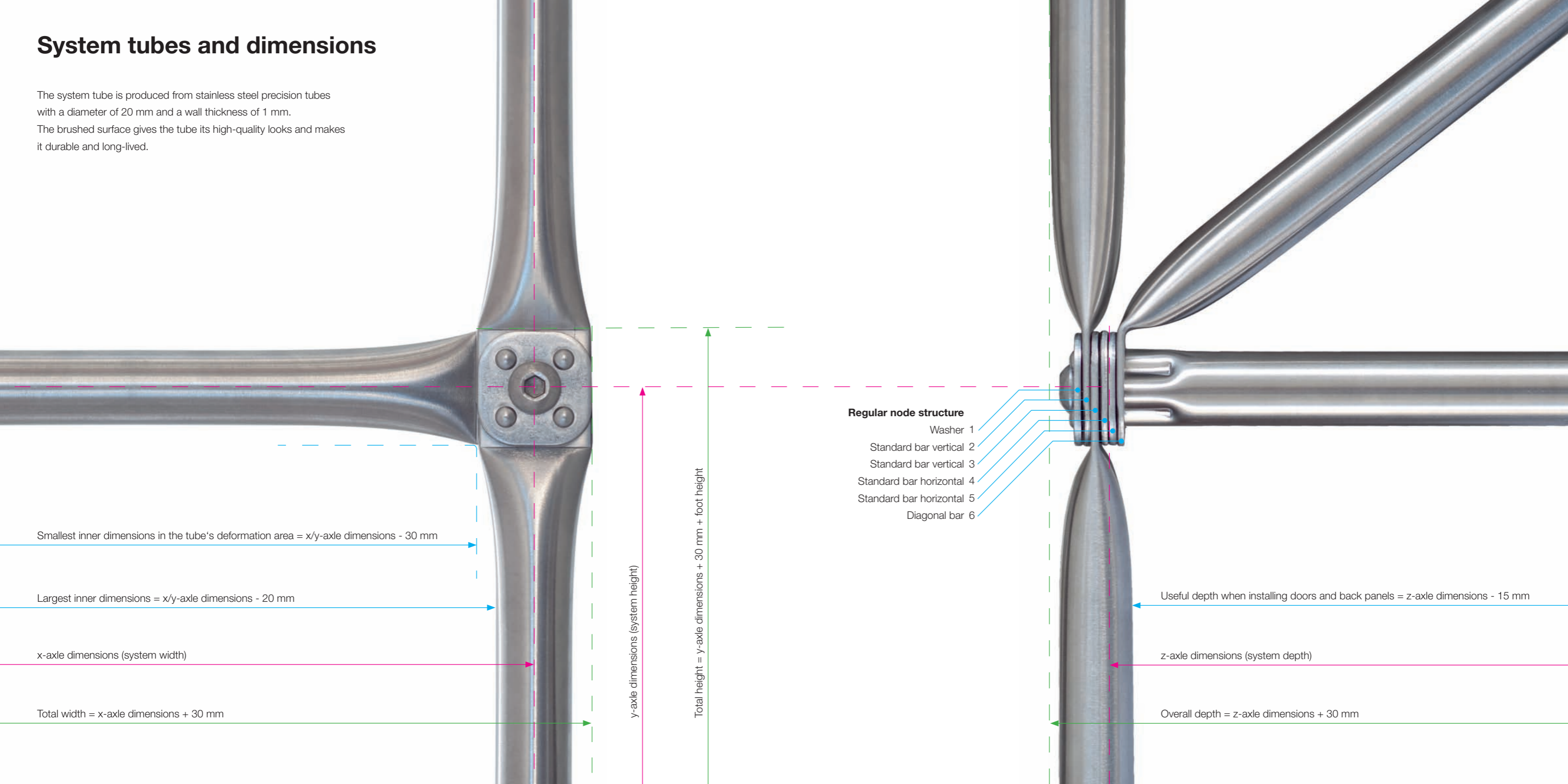
The system elements



*Sketchup™ sketch software is a trademark of Google Inc.; please observe the applicable license provisions.

System tubes and dimensions

The system tube is produced from stainless steel precision tubes with a diameter of 20 mm and a wall thickness of 1 mm. The brushed surface gives the tube its high-quality looks and makes it durable and long-lived.



Smallest inner dimensions in the tube's deformation area = x/y -axle dimensions - 30 mm

Largest inner dimensions = x/y -axle dimensions - 20 mm

x -axle dimensions (system width)

Total width = x -axle dimensions + 30 mm

y -axle dimensions (system height)

Total height = y -axle dimensions + 30 mm + foot height

Regular node structure

- Washer 1
- Standard bar vertical 2
- Standard bar vertical 3
- Standard bar horizontal 4
- Standard bar horizontal 5
- Diagonal bar 6

Useful depth when installing doors and back panels = z -axle dimensions - 15 mm

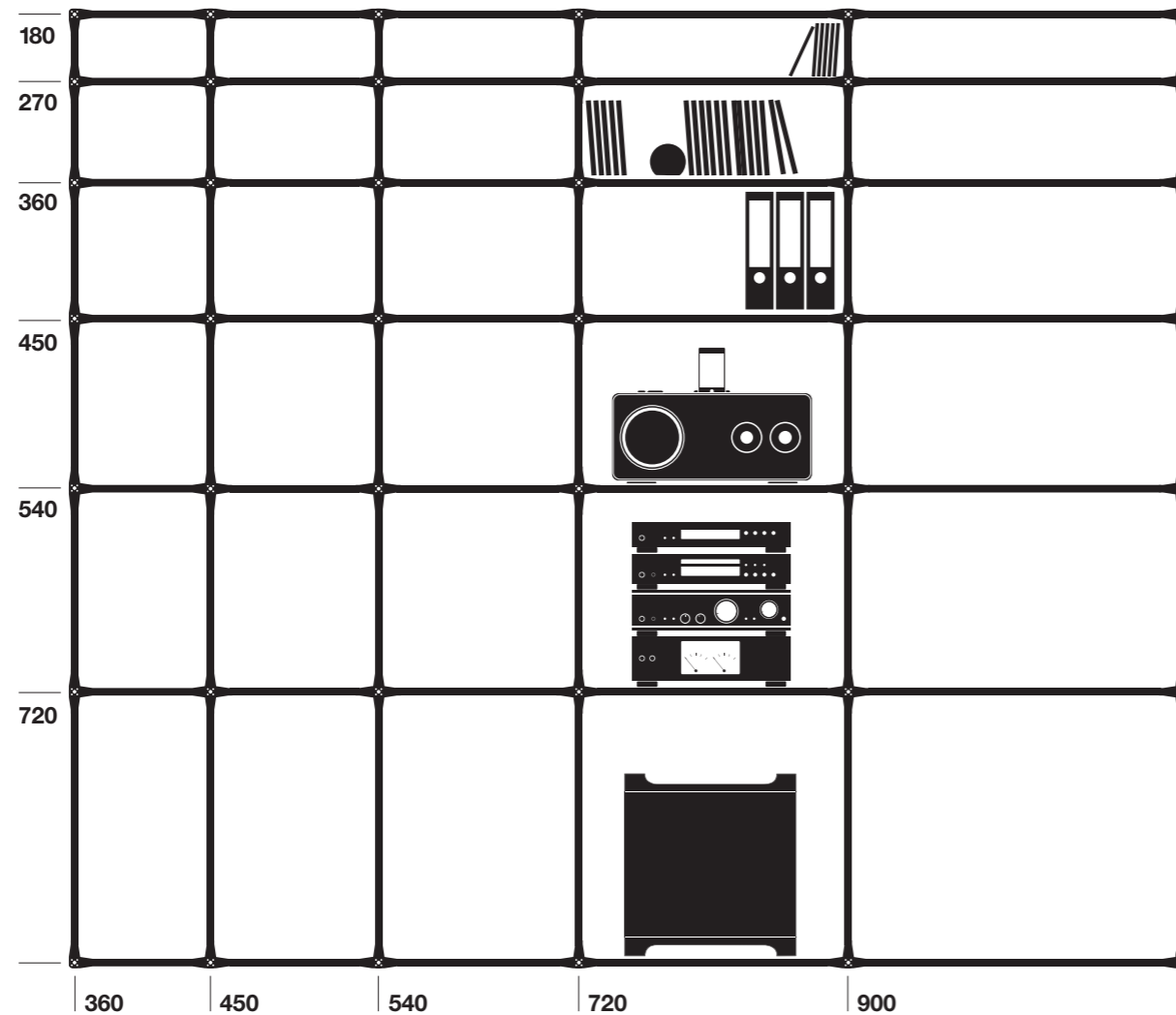
z -axle dimensions (system depth)

Overall depth = z -axle dimensions + 30 mm

System grid

The system grid shows the standard widths and heights of System 180. These dimensions apply for all depths. Alignment and combination within the grid can be selected freely.

Addition of widths or heights is not subject to any technical limitations; however, we recommend wall attachment starting at a height of 150 cm.



System depths

The system depths have been developed for different uses. The depths cannot be combined with each other.

Depth 210 serves as a narrow shelf used for pocket books and CDs.

Depth 340 offers the greatest application range for the home and office area.

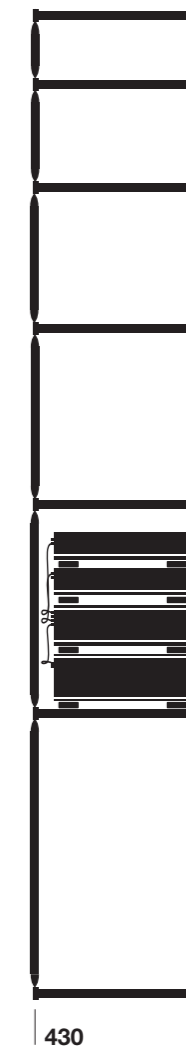
Depth 430 offers space for larger devices, dishes and office equipment.



pocket books
CDs
DVDs



file folders
compartment units
books
electric devices



TV&Audio devices
printers
household devices

System surfaces

The system surfaces consist of black, solidly coloured, 16 mm thick MDF. All edges at doors, drawers and standard shelves are thermally smoothed and sealed with wood oil.

Solid-colour patterns:

- melamine-coated on both sides

Real wood surfaces:

- real-wood veneer on both sides, sealed with wood oil

Individual pattern and colour deviations in wood surfaces characterise each piece of furniture as one of a kind and should be observed when purchasing.



White



Sand grey



Graphite



Black



Oak



Cherry



Walnut

Feet and castors

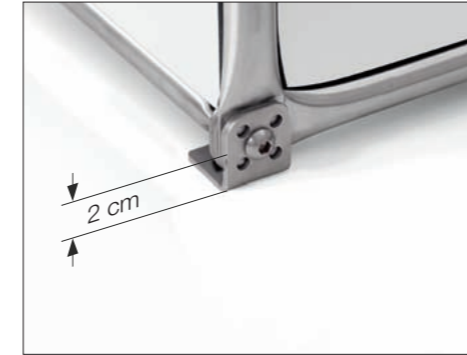
All foot types are made of high-quality stainless steel. The standard version uses a foot base. Several foot and castor types are available to implement specific requirements.

Feet

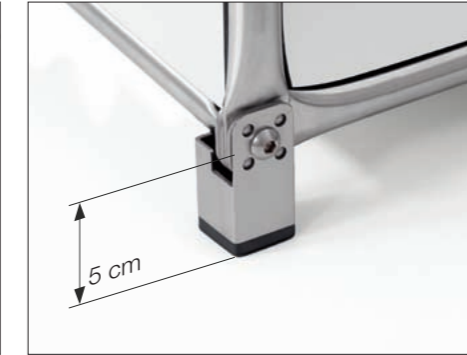
- Foot bracket for table height 75 cm
- Foot base for table height 78 cm

Castors

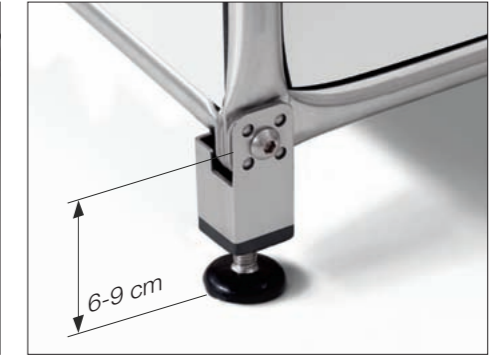
The castors can be fastened. The casing is nickel-plated. The castor areas are rubberised. Due to the increased danger of tilting, use of castors is only recommended for flat and deep system furniture.



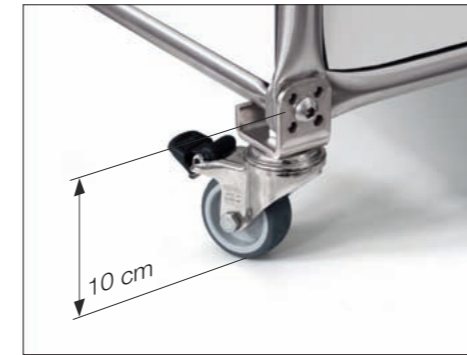
Foot bracket



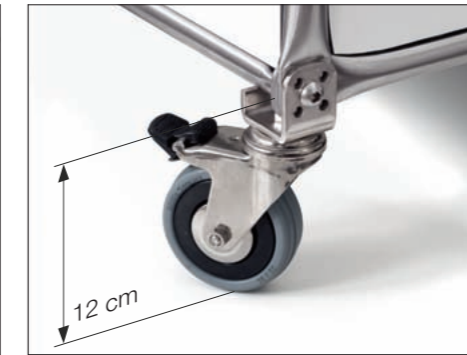
Foot base



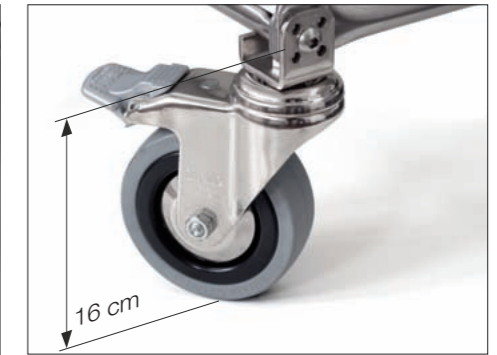
Adjustable foot bracket



Castor ø 5 cm



Castor ø 7,5 cm



Castor ø 10 cm

Pure

The original version of System 180, using only system tubes and standard shelves, emphasises the clear and classic system design in its simplicity. It offers the most diverse options for constructive set-up, but also has limited use of inline elements.



Inline

Using the inline elements turns System 180 into a universal furniture construction system. Combination of different materials, accessories and cable management makes it possible to use the system in the home as well as the office area.



The inline elements are specifically aligned with the System 180 grid and can be used as modules together. High-quality fitting technology is used. Choosing inline will make sure that you will remain compatible with continuous further development and additions to the accessories.



Inline sides and standard shelves

All essential inline accessories can be attached reversibly to the side panel. The hole strips are placed mirror-symmetrically, so that all accessories can be installed from either side. The 30 mm drilling template is a separation with the System 180 grid sizes, offering best flexibility.

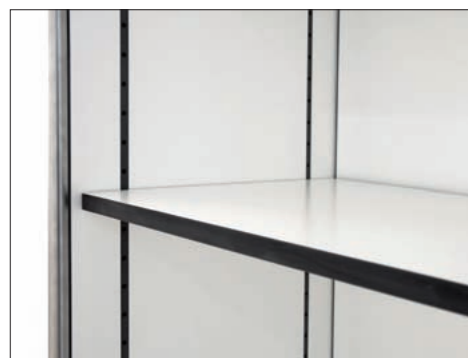
Product features:

- material MDF 16 mm, black core
- available in any surface
- thermally smoothed edges



Side panel

- 2 hole stripes with flat groove
- drilling grid 30 mm, drill diameter 5 mm
- outward without hole strips
- optionally with cable outlet



Lower shelf

- for normal loads up to system width 720
- optionally with cable outlet
- cable placement behind the lower shelf possible
- floor attachment with cut-in tilt protection
- can be used behind doors
- useful depth: system depth - 35 mm

Reinforced lower shelf

- for higher loads and system width 900
- reinforcement rails of stainless steel
- optionally with cable outlet
- cable placement behind the lower shelf possible
- floor attachment with cut-in tilt protection
- can be used behind doors
- optional tilting
- useful depth: system depth - 35 mm

Pull-out lower shelf

- only available for system depth 430
- cannot be used behind doors
- not available with cable feedthrough
- cable placement behind the lower shelf possible
- with dampened partial extension
- reinforcement rails of stainless steel
- useful depth: 395 mm

Inline doors

The doors of the Inline series are integrated flush into the furniture. Inline doors are simply installed in the hole strips of the side parts.

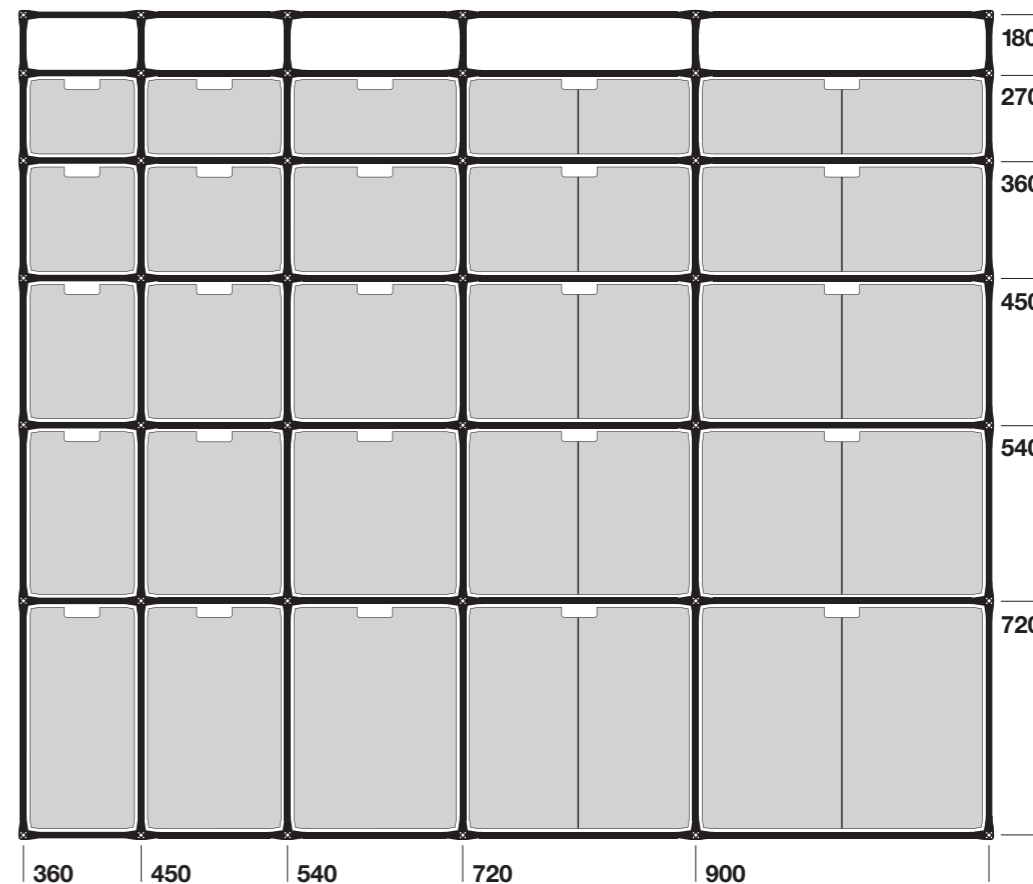
Product features:

- material MDF 16 mm, black core
- available in any surface
- thermally smoothed edges
- opening angle 110°
- dampened closing mechanism
- 3-axis adjustment option
- alternatively with or without handle – optionally with lock

- as of a grip height of approx. 150 cm, the handles are at the bottom
- can be installed either as front or back part

Single-wing doors:

- stop either on the right or left
- grip always centred



Inline drawers

The Inline series drawers are integrated flush in the furniture. Different separations can be selected within a module. The drawers are available for any width.

Useful width:

system width - 120 mm

Useful depth:

system depth 210 = no drawer

system depth 340 = 275 mm

system depth 430 = 375 mm

Bottom and rear wall colour:

Front pattern white = white

Front pattern sand grey, graphite, black = black

Front true wood = true wood

Jamb colour:

Front pattern white = white

Front pattern sand grey, graphite, black = black

Front true wood = true wood

Product features:

- front and floor material MDF 16 mm, black core

- thermally smoothed edges

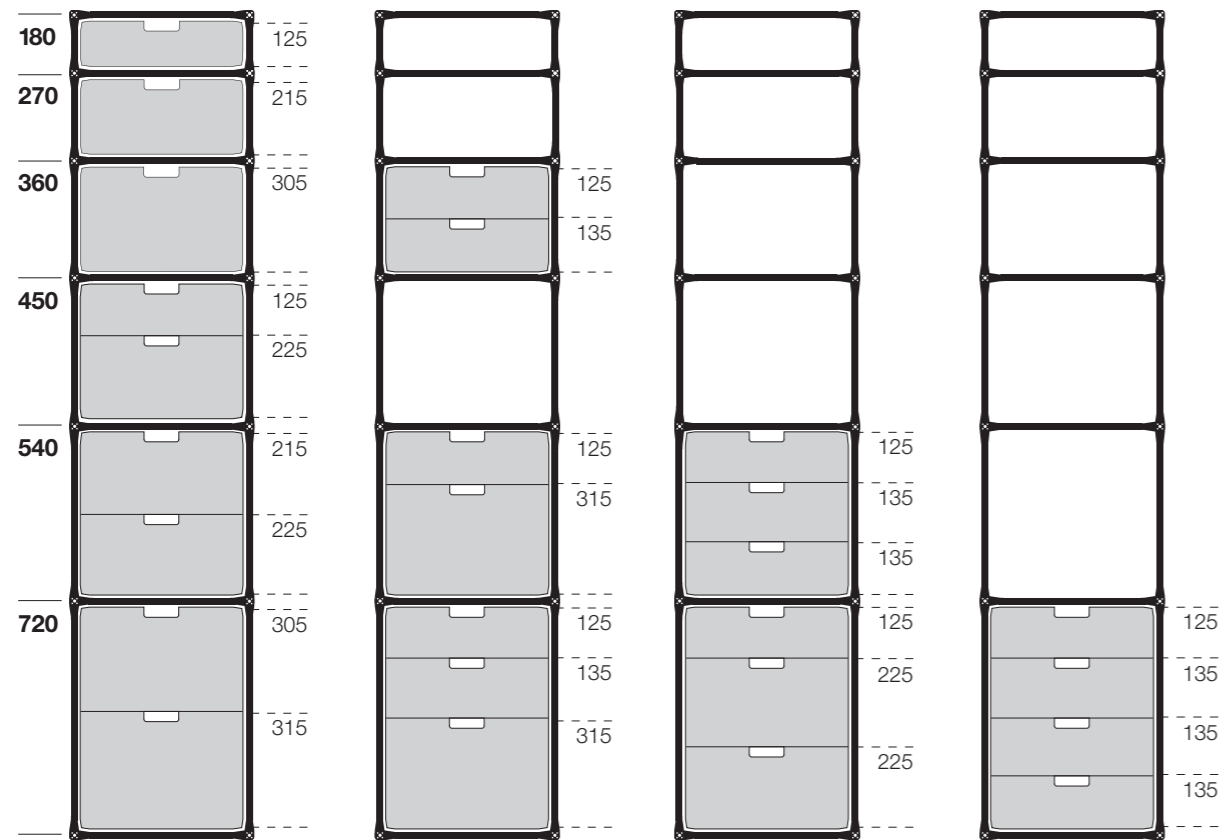
- full extension with dampened closure

- load bearing up to 25 kg

- alternatively with or without handle

- optionally lockable top drawer

- high jamb as of front height 270



Separations and useful heights

Inline grips



Grip hole

- for drawer fronts and single-wing doors
- thermally smoothed MDF edge



Handle

- for drawer fronts and single-wing doors



Handle with lock

- for single-wing doors and in top drawers



Grip hole

- for two-wing doors



Handle

- for two-wing doors



Handle with lock

- for two-wing doors

Cable management

The diverse furniture uses lead to flexible and easy to handle cable management. Therefore, mainly integrated or universal and adaptable solutions have been developed for the system.

This warrants quick and usage-oriented adjustment of cable management even in case of changes.



Cable outlet

- stainless steel covers with brushed surface
- matching for safety plug
- flush
- magnetic attachment in side panels



Cable guide

- for vertical and horizontal cable placement
- can be inserted without tools
- textile rubber in white and black



Netbox

The Netbox can be integrated in the work area or the desk container. International plug systems and special network and audio systems available on request.



Cable tray

The cable tray is used to stow away network devices, multiple outlet strips and excess cable. It can be placed easily – using a lower shelf and the folding blind – wherever storage space is needed.

system180.com