Facts&Details

Modular furniture system

SYSTEM 180

Version 06.2018

System 180 GmbH
Ernst-Augustin-Straße 3
12489 Berlin
contact@system180.com
Phone +49 30 788 58 41
www.system180.com

Colour deviations are possible for printing-technical reasons. Technical changes reserved.

Contents

Basis	Made in Berlin	5
	Planning	6
	Planning and design guidelines	7
	System tubing and dimensions	8
	Components	10
	Grid	11
	Depths	12
	Geometries	14
	Feet	16
	Casters	17
Variants:	Open and closed sides	18
Surfaces	SteelLine and BlackLine	20
	Solid colours	22
	Real-wood veneers	24
	Care instructions	25
Accessories	System bases	26
	Partitions	28
	Back panels	29
	Side panels	30
	Shelves	32
	Doors	36
	Cabinet doors	38
	Drawers	40
	Combined fronts	42
	Media storage	44
	Partitions for drawer	45
	Hanging file holders	46
	Displays	47
	Compartments	48
	Handles	50
	Wardrobe rods	52
Work surfaces	Work surfaces	54
	Device management	56
	Office container	58
	Combining work surfaces	60
	Heights of desktop additions	62
Cable management	Work surfaces	64
	Shelves	66

The modular furniture system by System 180

System 180 was developed based on a 180x180-mm grid. These dimensions – and multiples of these dimensions – are used in many areas of daily life (e.g. 1x180 mm = step height, 2x180 mm = folder height, 4x180 mm = table height). This base dimension makes System 180 solutions highly adaptable to a wide range of applications.

The origins of our "spatial construction system," which has been protected by patent since 1989, date back to the early 1980s. The basic idea was developed by Prof. Jürg Steiner – to press the ends of lengths of steel tubing flat and fasten them together at the flat points, stabilizing the structure using patterns of nodules embossed into the joints – and provides the simple but useful basis for our constructions. Through continuous development of the form and function of our construction method, System 180 can now offer practically unlimited options to its customers. Our achievements have been recognised in the long list of prizes we have been awarded for excellence and quality in design.

What makes the System 180 brand so stylish is the combination of its structural clarity and the high-quality materials used in its manufacture.
And it is precisely this combination that gives our furniture construction system, with its unique connection nodes, the discrete appearance that makes it work well in the widest possible variety of interior décors. The classic language of form expressed by System 180 ensures that it will never go out of style, no matter how long you continue using it. Its structural beauty and the wide range of accessories available for it provide a palette of surprising design options and lend a discrete appearance to your furnishing solutions large and small. System 180 furniture always makes a clear statement of individuality, modernity and openness.

To make good our claim to be producing a sustainable product, we take environmental issues in everything we do, starting with the materials we choose and continuing all through our entire value chain.
System 180 products provide high-quality, sturdy companions for life.
Their modular construction gives them the flexibility that allows them to be reused practically indefinitely.

Design Award Winner 2000

Design Award Winner 2001

reddot design award winner 2011

Design Deutschland 2011 SELECTED

German Design Award NOMINEE 2013

Focus Open 2013 Silver

MRZ/2015 BÜROPRODUKTE DES JAHRES BEST OF THE BEST: TOP 30 Magazin Das Büro Empfehlung der Redaktion

DESIGN AWARD 2016

Selected for Best of German Interior Design

Made in Berlin

System 180's headquarters has been in Berlin since its foundation. It moved to it's current home in Berlin-Adlershof, Germany's most up-to-date technology park, in 2015. The roughly 1,000 companies working as neighbours in the estate make it Berlin's most prominent scientific, commercial and media location in an area with a long industrial tradition.
System 180's unique company profile is the result of the interplay of our design, technical and manufacturing skills, all gathered together under one roof. Thanks to our in-house development and production methods, we are well able to respond flexibly and independently to new challenges in the market and to new customer demands.

Highly skilled staff, modern metalwork and woodworking systems and years of experience in the sector form a solid basis for the quality and consistency of our work.
Our Berlin base places our operations within a metropolis bursting with pulsating creativity and diverse inspirations. These ideal conditions have left a deep mark on the identity of the business, and on the System 180 brand and its products, providing the stimulation for ever new design innovation.

We would be delighted to treat you to a guided tour of our works.

Planning

A system is always more than the sum of its parts. Our seven module widths, seven heights, seven depths, 13 décors and wide range of accessories make a practically infinite range of combinations possible. To allow you to plan your furniture easily and with total confidence, and to give you a basis upon which to fully discuss customer choices, System 180 puts a 3D software system at your disposal.
You can use this software to create your own designs, whether you're looking to produce simple pieces or more complex combinations.

The exterior dimensions and price of your draft designs are displayed on-screen immediately. You can also create a personalized quote for your customer if required, or commission System 180 to create your design, all without leaving the program.
If you would like to receive training in how to use our 3D planning software package, then contact us by e-mail at training@system180.com. For answers to questions on individual functions of the application, please refer to the manual available for download on our website.

Planning and design guidelines

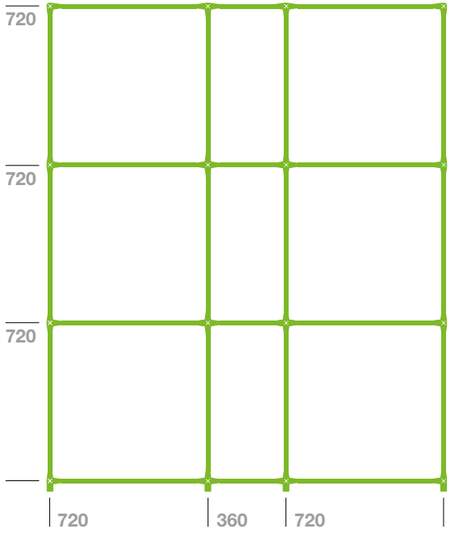
Thanks to the long-lasting, high-quality materials such as the stainless steel tubing we use, the extremely precise manufacturing processes employed at our Berlin plant and our wide range of prize-winning designs, System 180 has all the qualities it needs to create genuine furniture classics for your customers.

To be able to design your pieces of furniture at the right price and to leave your options open for adapting them later to new needs, the rule to keep in mind is "less is more".

Plan your furniture using the simplest possible, clean-lined vertical and horizontal frames, with the smallest possible number of standard dimensions.

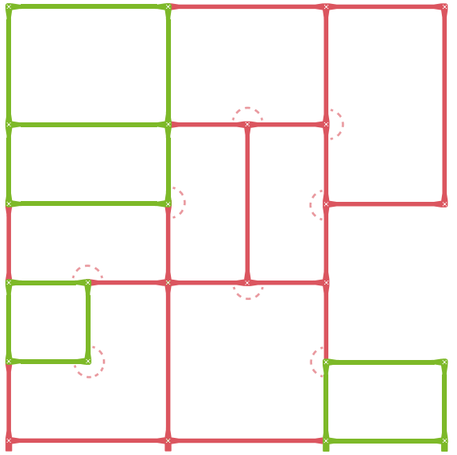
Intermediate connections (shown in red) make it harder to produce a fully systematic structure and to integrate accessory components. You can combine the widest possible variety of functional usages with the most pleasing proportions by using system size 720 in combination with size 360.

Allows the use of accessories



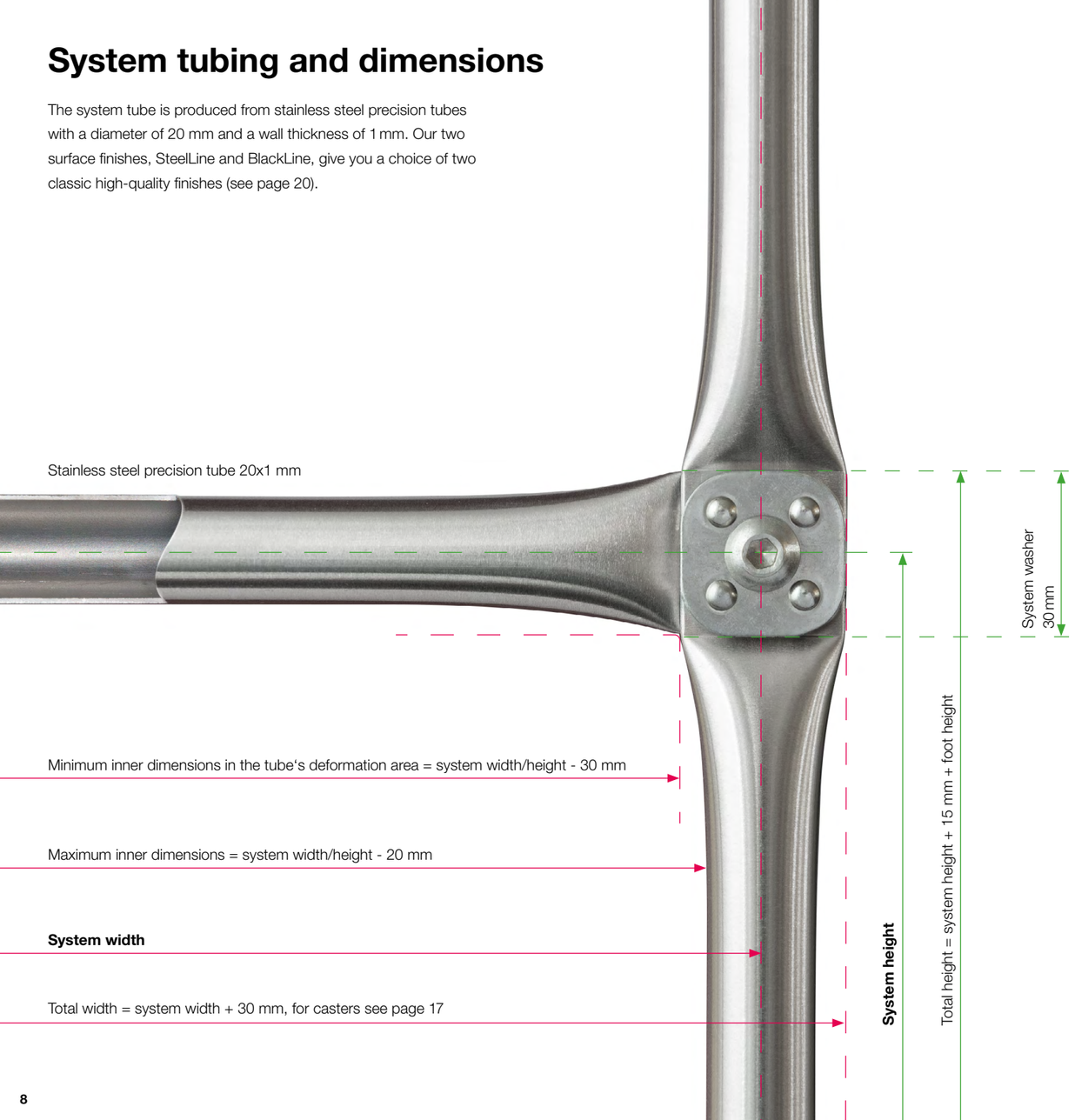
Frontal view

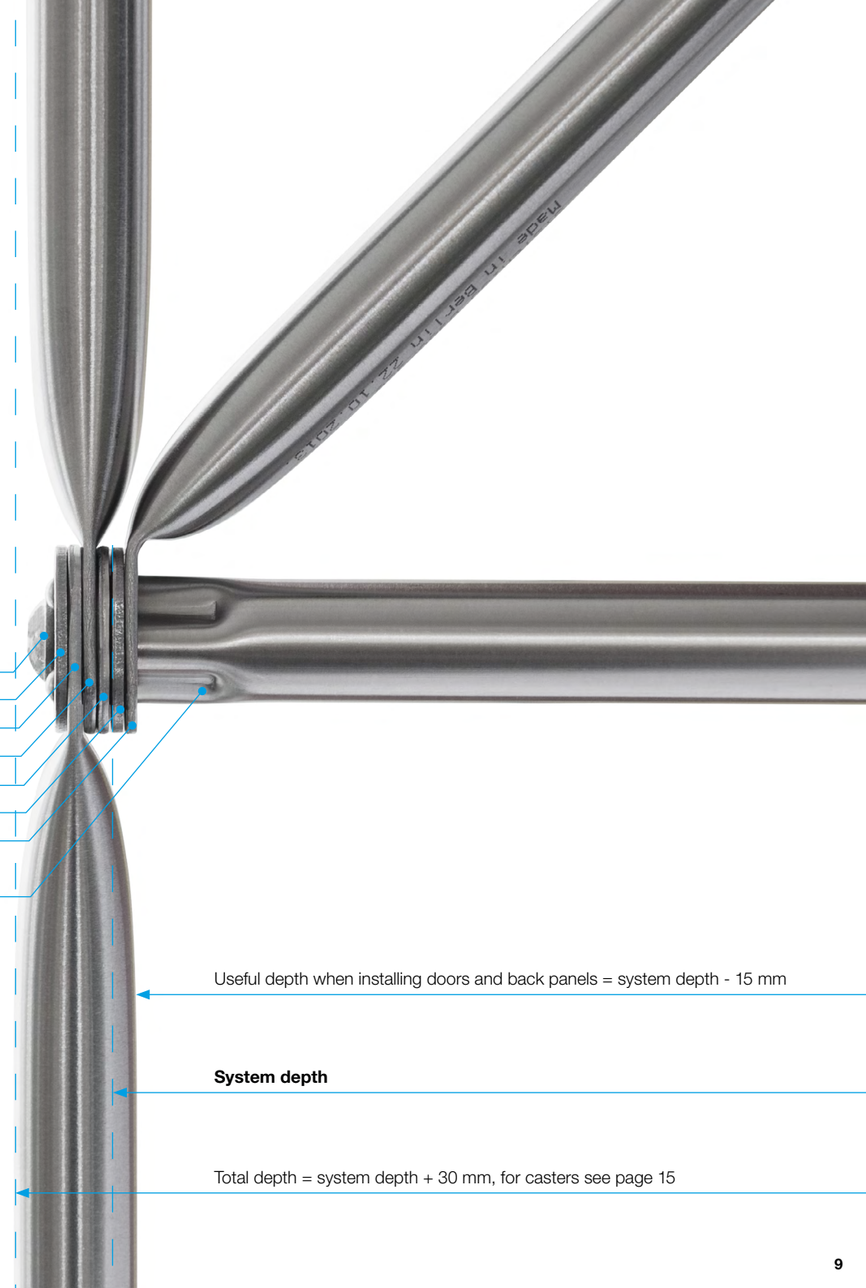
Does not allow the use of accessories



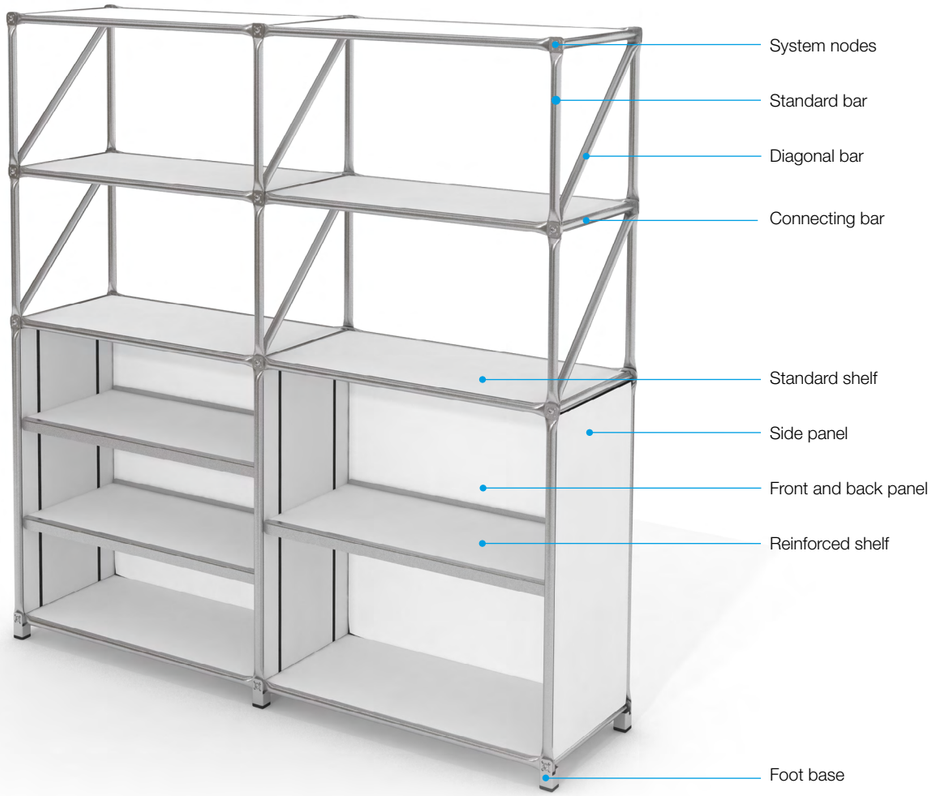
System tubing and dimensions

The system tube is produced from stainless steel precision tubes with a diameter of 20 mm and a wall thickness of 1 mm. Our two surface finishes, SteelLine and BlackLine, give you a choice of two classic high-quality finishes (see page 20).





The system elements



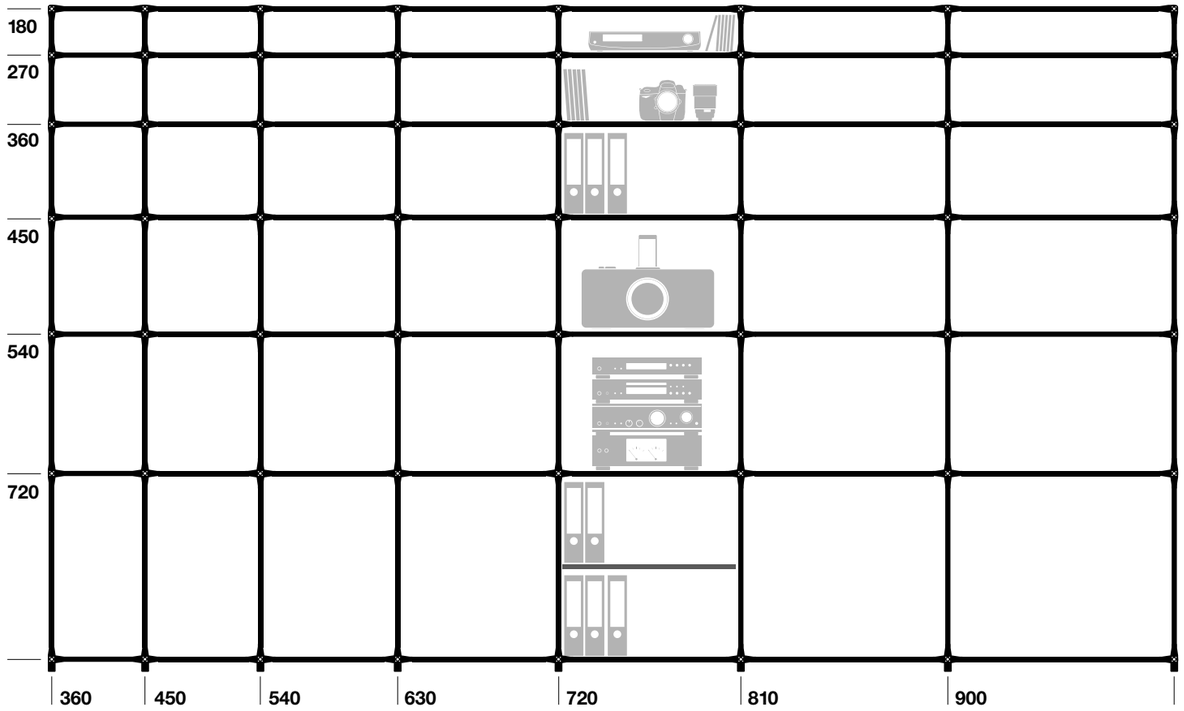
System grid

The system grid shows the widths and heights used in System 180. These dimensions are used for furniture of all depths. You can align components and combine them into the grid with complete freedom.

To conform to DIN FB 147, EN 14073 Parts 2 and 3, and EN 14074, and to ensure your furniture stands firmly on its feet, you will need to fit wall fixings from the following heights.

System depth	210	340	430	600	690	780	870
Open shelving from (in cm)	105	170	215	300	345	390	435
With doors/drawers from (in cm)	84	136	172	204	276	312	348

Frontal view



System depth

Different depths cannot be combined with one another.

A system depth of 210 is suitable for shelving designed for storing paperbacks and CDs.

A system depth of 340 provides the greatest possible flexibility in usage.

A system depth of 430 gives you the room you need for larger devices and office equipment.

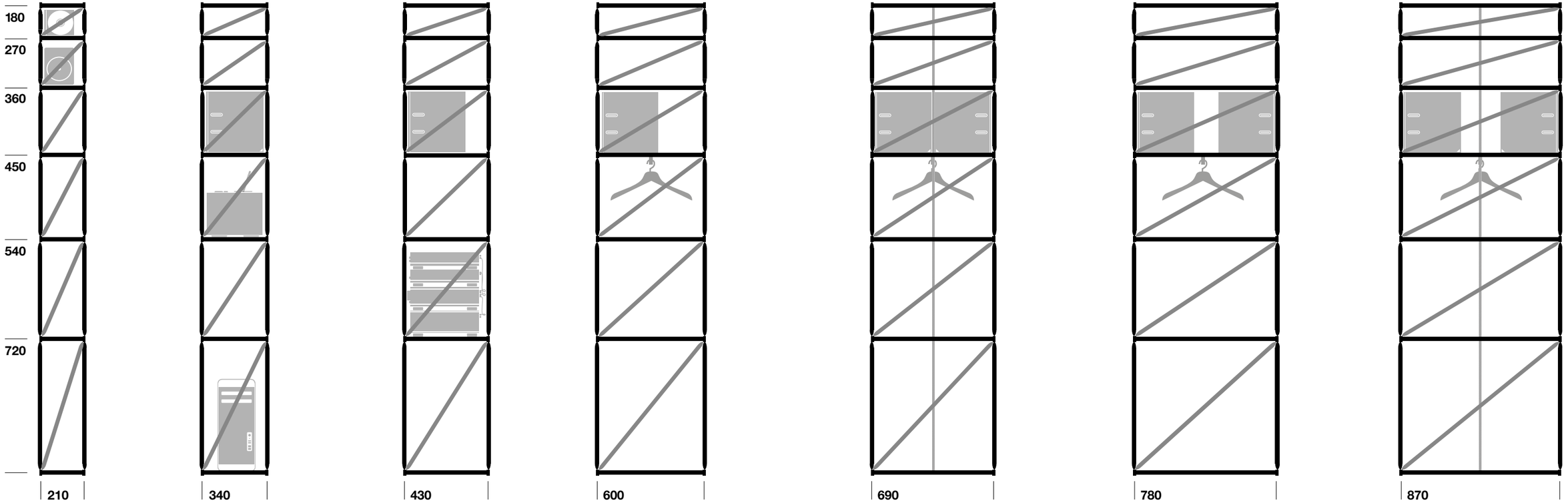
System depth 600 is suitable for closets and wardrobes. An extension connection is available for combining with system width 630.

System depth 690 can be accessed from both sides using accessories from system depth 340 in combination with a mid-shelf partition, or can be used as a shallow work surface, as you wish. An extension connection is available for combining with system width 720.

System depth 780 is used for standard work surfaces. An extension connection is available for combining with system width 810.

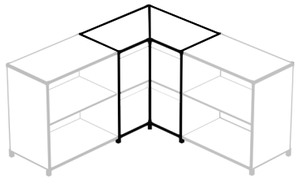
System depth 870 can be accessed from both sides using accessories of system depth 430 together with a mid-shelf partition, or can be used as an extra-deep work surface, as you wish. An extension connection is available for combining with system width 900.

Side view

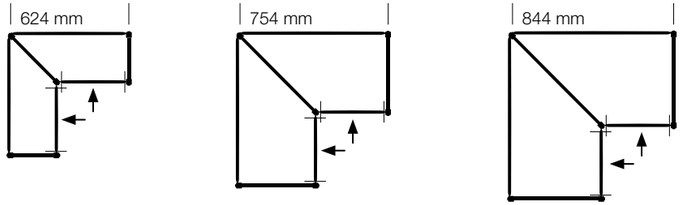


System dimensions

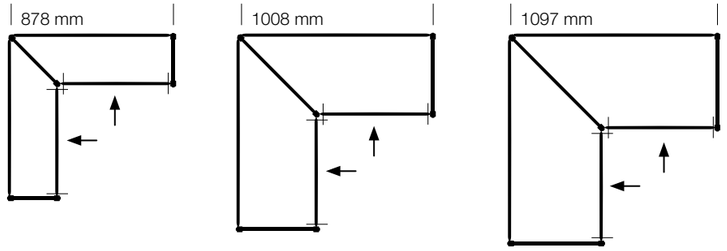
Corner module



System depth D 210 D 340 D 430

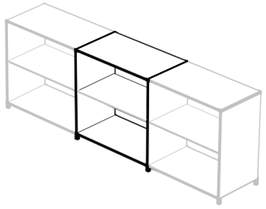


Size of opening 370 mm



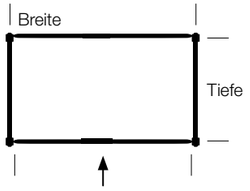
Size of opening 625 mm

Linear module

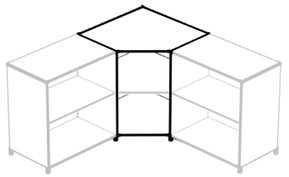


Size of opening

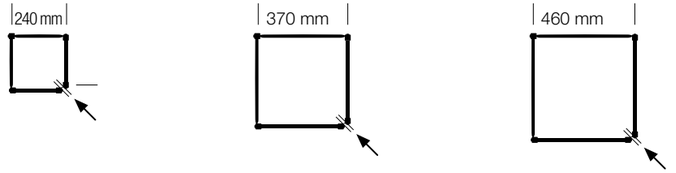
All system depths Size of opening = system width - 30 mm



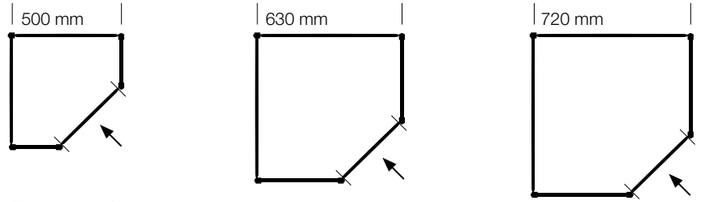
Hub module



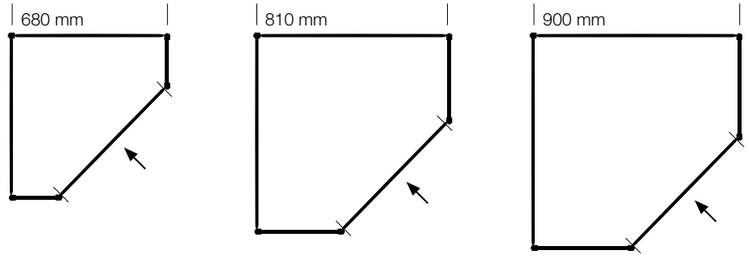
System depth D 210 D 340 D 430



Size of opening 10 mm



Size of opening 370 mm



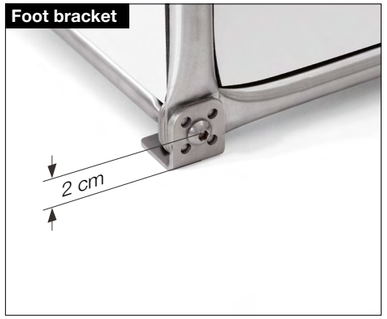
Size of opening 625 mm

Feet

Several foot types are available to allow you to implement your own specific requirements.

All foot types are made of stainless steel.
The standard version uses an adjustable foot base.

Foot bracket



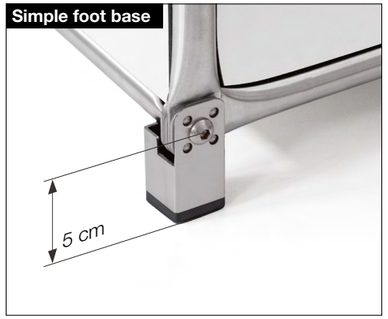
Recommended combinations

- Foot bracket for table height 75.5 cm

Foot bracket

System height	180	270	360	450	540	720
Total height cm	21.5	30.5	39.5	48.5	57.5	75.5

Simple foot base



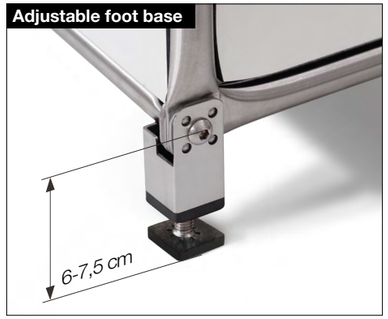
Recommended combinations

- Foot base for table height 78 cm

Foot base

System height	180	270	360	450	540	720
Total height cm	24.5	33.5	42.5	51.5	60.5	78.5

Adjustable foot base



Recommended combinations

- Foot base for table height from 79 to 80.5 cm

Adjustable foot base

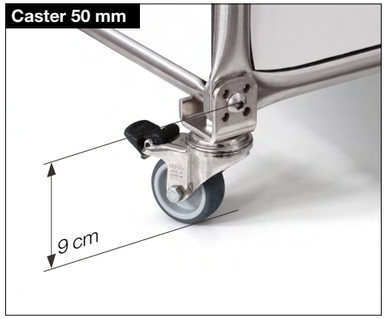
System height	180	270	360	450	540	720
Min. total height in cm.	25.5	34.5	43.5	52.5	61.5	79.5
Max. total height in cm.	27	36	45	54	63	81

Casters

Some casters can be locked in place.
Caster casings are nickel-plated.
The caster contact surfaces are rubberised.

Due to the increased risk they pose of the furniture tipping over, casters are recommended for use only with low and deep pieces. We do not recommend the use of casters on pieces with doors or drawers, as rolling such pieces about can lead to doors and drawers being displaced due to floor irregularities.

Caster 50 mm



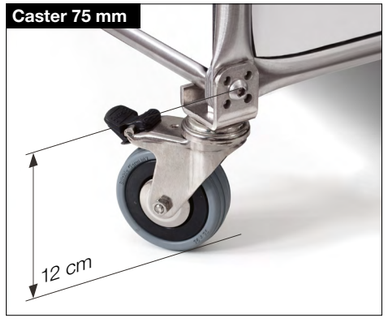
Recommended combinations

- For smaller pieces
- Only the front casters on the furniture are fitted with locking devices
- Min. total width = system width + 4.5 cm

Caster 50 mm

System height	180	270	360	450	540	720
Total height cm	28.5	37.5	49.5	55.5	64.5	82.5

Caster 75 mm



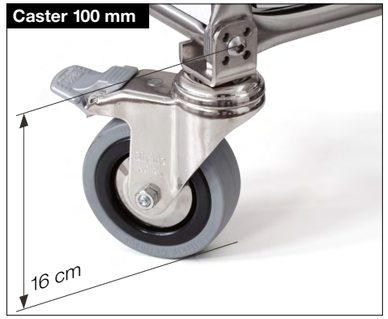
Recommended combinations

- For sideboards and desks
- Min. total width = system width + 4.5 cm

Caster 75 mm

System height	180	270	360	450	540	720
Total height cm	31.5	40.5	52.5	58.5	67.5	85.5

Caster 100 mm



Recommended combinations

- For sideboards and desks
- Min. total width = system width + 6 cm
- Min. total depth = System depth + 4 cm

Caster 100 mm

System height	180	270	360	450	540	720
Total height cm	36.5	44.5	56.5	62.5	71.5	89.5

Open sides

The version of System 180 that uses diagonal supports instead of side panels emphasises the clear and classic system design in all its openness. It offers the widest range of options in structural form but also somewhat limits the range of accessories that can be used with it. Both open and closed modules can be combined together thanks to the flexible logic of our system.

Closed sides

The side panels and wide range of accessories available for combination with it turn System 180 into a truly universal furniture construction system. It‘s classic materials, wide range of décors, accessories and intelligent cable management together make our furniture eminently suitable for both home and office use.

Our accessories are specially made to fit the System 180 grid and can be fitted together according to our modular system. Components are combined using high-quality fitting technologies. Open and closed modules can be combined together with great flexibility.

SteelLine

SteelLine by System 180 provides the classic surface finish of our furniture construction system. All visible metal parts are brushed to a fine matt finish. The treatment results in an attractive, robust finish.

BlackLine

The tubes in System 180's BlackLine range, along with almost all visible metal parts, are treated with a high-quality powder coating in black. (RAL: 9005, smooth, matt).

The following parts are not powder coated:
System screws, hinges, door stops, cylinder locks, adaptors for tilted pull-out shelves, fixtures for cable management, casters.

Depending on the specific application, you may select to use plastic or powder-coated system washers.

Handle, handle lock

Reinforced height-adjustable shelf

Foot base

Standard décors

The system surfaces consist of 16 mm MDF coloured right through in black. All edges on doors, drawers and standard shelves are thermally smoothed and sealed using wood oil. The surfaces of our solid colour décors are all melamine-coated on both sides.

Note: Please note that we are forced to rely on our suppliers in relation to the availability of the decorative finishes in our range. If particular décors should become unavailable we will inform you as quickly as possible.

white
NCS-Code: 0500-N
HEX-Code: #f1f0ea

light grey
NCS-Code: 2000-N
HEX-Code: #c8c8c7

khaki
NCS-Code: 4005-Y20R
HEX-Code: #a48f7a

black
NCS-Code: 9000-N
HEX-Code: #2b2b2c

graphite
NCS-Code: S-7502-R
HEX-Code: #4c4a44

Surface colour décors

azure blue
NCS-Code: 4030-B
HEX-Code: #225f78

coral
NCS-Code: 0570-Y90R
HEX-Code: #cb555d

cloud blue
NCS-Code: 1010-B10G
HEX-Code: #c5d7db

white green
NCS-Code: 2030-G
HEX-Code: #b7cca9

lilac
NCS-Code: 2030-R50B
HEX-Code: #b2a4c8

pine green
NCS-Code: S4010-G10Y
HEX-Code: #7f8274

forest green
NCS-Code: 7020-G10Y
HEX-Code: #315442

sunny yellow
NCS: 0580-Y10R
HEX: #f6b600

*RAL numbers should be treated as approximate values

Surfaces in real wood veneer

As with single-colour décors, system surfaces are made of 16-mm MDF coloured right through in black with thermally smoothed visible edges, and are sealed using wood oil. Surfaces are covered on both sides with noble real wood veneer and coated with matt varnish.

Grains:
Bases: parallel to the horizontal line of the module
Sides: vertical, parallel to the vertical line
Frontal panels, doors and drawers: vertical, parallel to the vertical line

Please note:
Wood is a natural product. The unique grain and colour variation in surfaces is a feature of the material and this must be kept in mind on purchasing. Larger furniture pieces are produced using several components whose colour and appearance may differ from one another. Exposure to light will change the colour of real-wood surfaces.

Care instructions

WOOD SURFACES

Solid-colour patterns:
The MDF panels used in System 180 are suitable exclusively for indoor use. We recommend maintaining a stable, not excessively dry climate (not below 40% rel. humidity) in the space.

For regular cleaning we recommend wiping the furniture with a soft, dry, lint-free cloth. Aside from using a cloth of this type for dusting, you can treat your furniture as described below in order to remove finger marks and other soiling. Clean the module with a slightly dampened cloth. It is recommended to add a little mild household cleaning agent such as washing up liquid into your rinse water. Do not add any caustic or scouring cleaning agents (CIF, AJAX, ammonia solution, alcohol or dispersants) into the water.

Veneered finishes
Veneer is natural wood and therefore just as sensitive when it comes to cleaning. The real wood veneer panels used at System 180 recieve – to preserve its natural character – a coating with a UV varnish. This finish does not constitute a sealant. Never allow moisture to get on the surface of the (glass edges, planters, etc.) as this can damage the surface. Wood surfaces should be cleaned regularly.

For regular cleaning, wiping the furniture with a soft, dry, lint-free cloth should be sufficient. Microfibre cloths are not recommended as they can scratch the surface.

If the dirt cannot be removed dry, then a well-wrung cloth can be used to remove the dirt. A small amount of a mild detergent can be added to the wiping water. Never use harsh, abrasive or solvent-containing cleaning agents! Subsequently wipe dry. Directly afterwards rub the surface dry without applying pressure.

In the case of heavy soiling that cannot be removed using a damp cloth, no single recommendation can be given. Please use only specially trained personnel for this purpose!

TUBULAR STRUCTURE

Normal soiling:
For regular cleaning of everyday soiling, use clean hot water with clean wash wipes, a soft sponge or gentle brush along with an all-purpose cleaner that does not contain any caustic ingredients. Washing powder and soft or curd soaps are also suitable. The cleaning agents should be rinsed off thoroughly to prevent streaking. Wipe the surface dry using a clean absorbent cloth. Replace your cloths regularly.

Severe staining:
Stubborn stains, such as those caused by grease, oil, felt-tip markers, lipstick, water-soluble paint, nicotine, etc. should be removed using hot water and a universal cleaning agent (e.g. powder cleaner or soft soap) and letting it soak in sufficiently given the type of stain. Then rinse off using clean water and rub dry with a cloth. Particular types of staining (e.g. limescale residues) may be removed with acidic cleaning agents containing approx. 10 % citric or acetic acid. All treated surfaces should be carefully rinsed after cleaning.

Please note:
The corrosion resistance of stainless steel may be reduced by acids and halogen compounds (chlorides, bromides, iodides). Do not use cleaning agents that contain strongly acidic salts, e.g. descaling agents based on formic or sulfamic acid, drain cleaner, hydrochloric acid or silverware cleaners. Do not use any chlorine-based solutions. Do not use caustic or abrasive substances (scouring powder, steel wool), nor polishes, wax or bleaching agents.
For cleaning, do not use any tools made ordinary steel (spatulas or steel wool, for example), as they may generate extraneous rust. Nor should any cleaning utensils be used that have been previously used on ordinary steel.

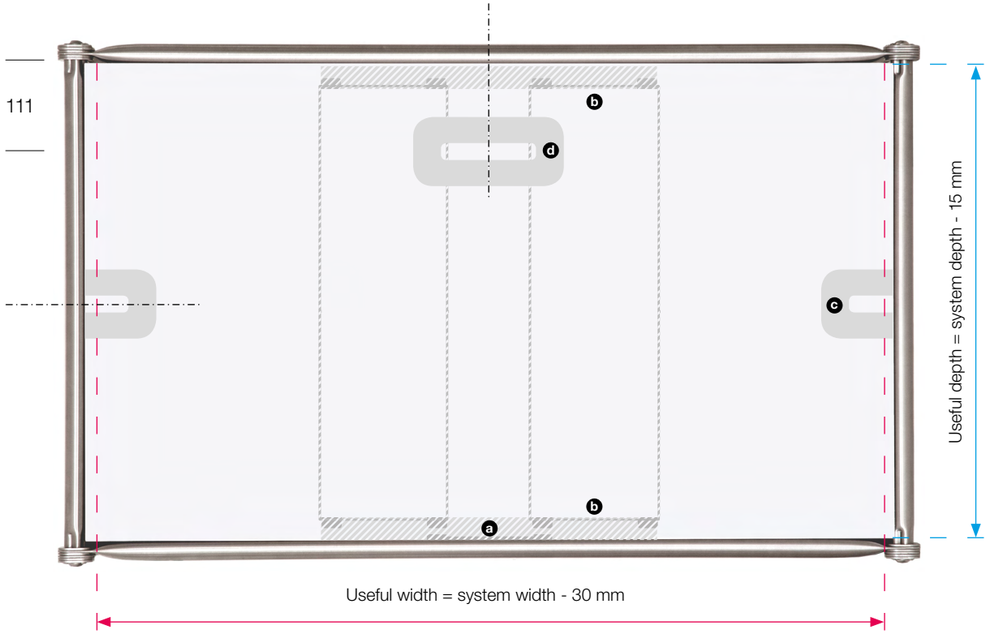
System bases for linear modules

Product features:

- Front and rear recesses for insertable cable management fixtures and door stops
- Optional: 2 outer cable outlets or a double cable outlet at centre
- Loading according to standard = (65 kg/m²) EN 14749|08.2005

Overview

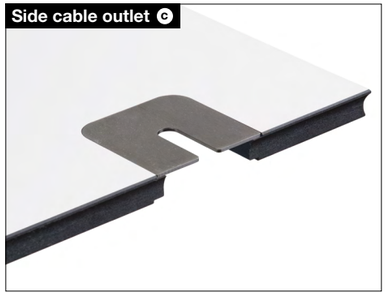
111



Door stop ⓐ

Combined door stop and cable holder ⓑ

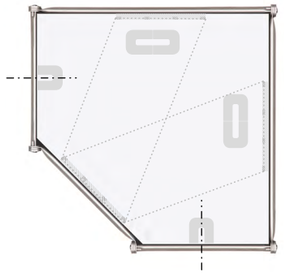
Side cable outlet ⓒ



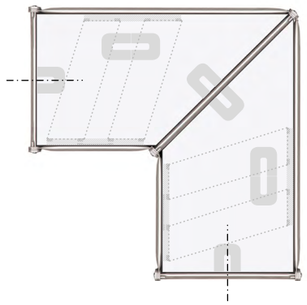
System bases for hub and corner modules

Product features:

- Front and rear recesses for insertable cable management fixtures and door stops

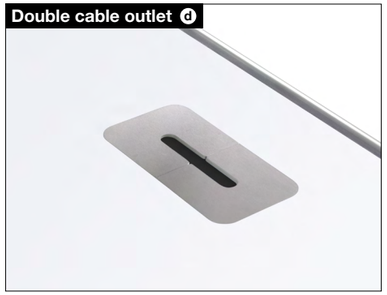


- Optional: 2 side cable outlets
- Optional: up to 2 double cable outlets



- Optional: 2x2 cable outlets
- Optional: up to 2 double cable outlets

Double cable outlet ⓓ

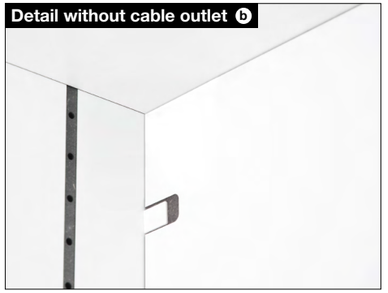


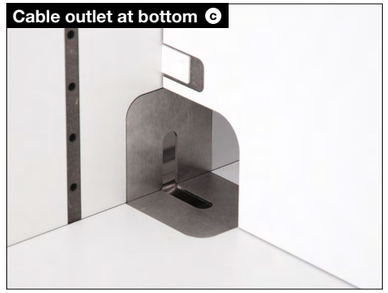
Partitions

Partition pieces can be slotted into modules with a depth of 690 or 870 where you are using them for access on both sides and entirely independently of one another. In addition, in double-row modules, partitions can be used as cross stabilizing pieces.

Product features:
- For all system widths
- Available from system height 270
- Available in any surface decor
- For linear modules only
- Tool-free insertion using a base support piece and slide latch-based locking
- With cable management from system height 360 upwards
- With slots on the top for special cable management fixtures
- Optionally with uncovered cable outlets

Horizontal cable guide and cable outlet at top a

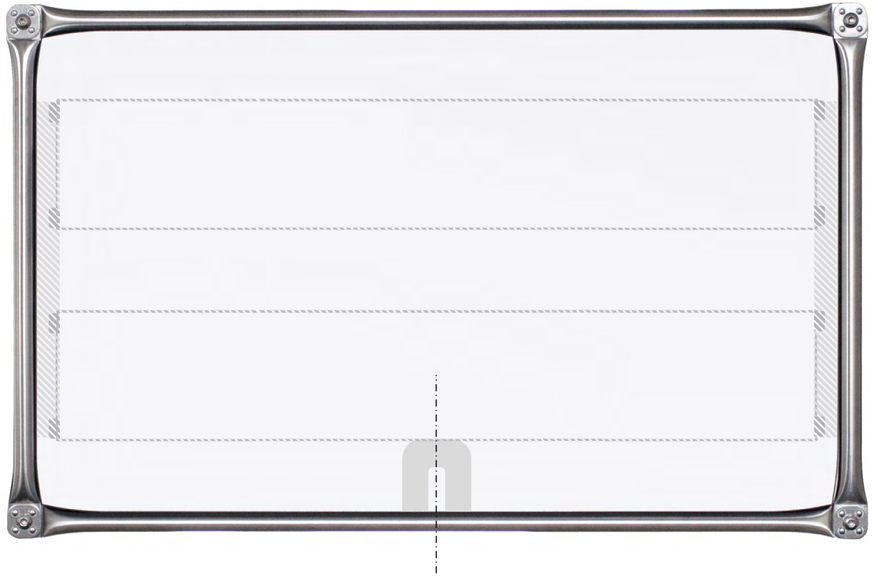

Detail without cable outlet b

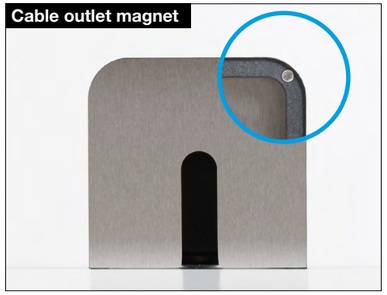

Cable outlet at bottom c

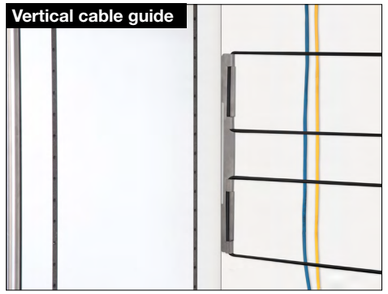
Back panels

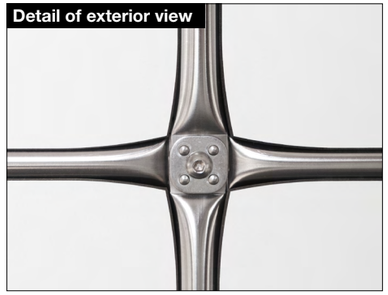
Product features:
- Optionally with cable outlet:
  The back panel can be turned 180° to allow the cable outlet to be positioned at top or at bottom
- Optionally with side inlets for cable management fixtures

Exterior view




Cable outlet magnet


Vertical cable guide

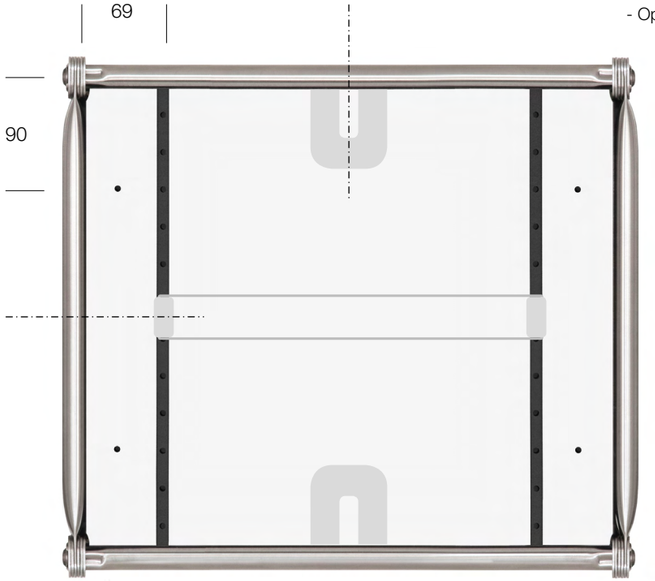

Detail of exterior view

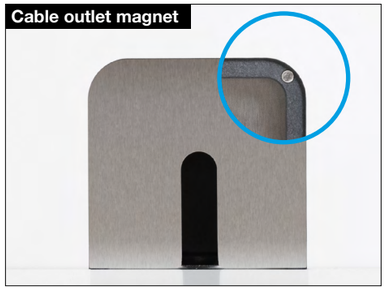
Side panels

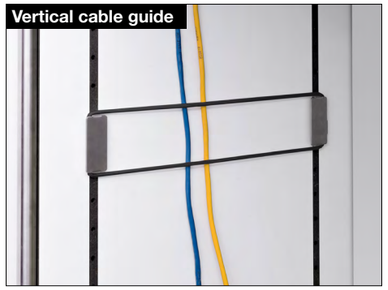
All essential accessories can be attached to the side panel, and can be removed again when no longer needed. The placement holes are positioned symmetrically so that all accessories can be installed from either side. The 30-mm drilling grid is modelled on the System 180 grid size, offering maximum flexibility. You can position elastic strapping to guide cables vertically without any need for tools. The covers for the cable outlets are held in place inside and out using magnets.

Product features:
- For all system heights
- Available in any surface finish
- 30-mm drilling grid
- Row of holes in shallow groove
- No placement holes visible on the outside
- Optional: without placement holes
- Optional: with 2 cable outlets
- Optional: vertical cable guide

View





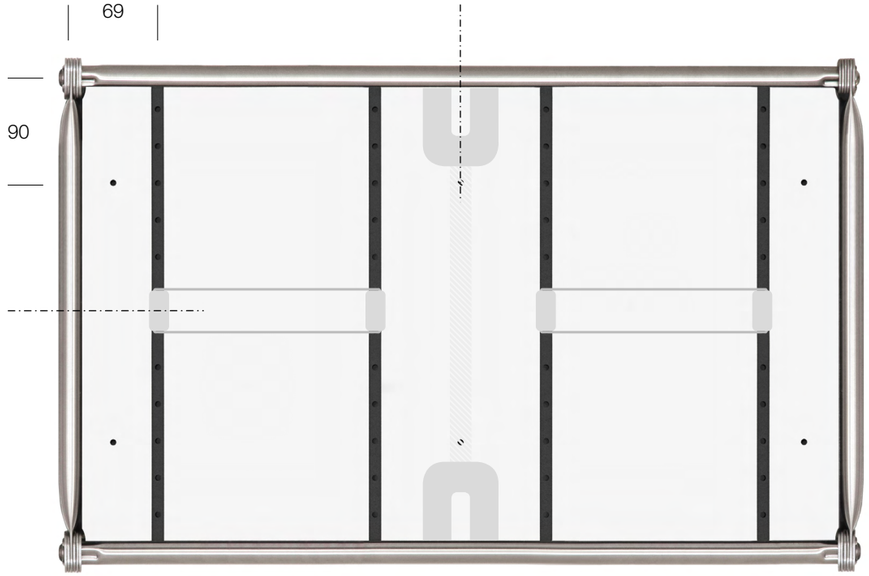


Large depths for use from one or both sides.

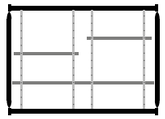
All versions from depth 600 up have double rows of holes. System depths 690 and 870 provide the option of using the module from either one or both sides.
All fastenings for accessories can be unfastened. You can position elastic strapping to guide cables vertically without any need for tools. The covers for the cable outlets are held in place inside and out using magnets.

Product features:
- For all system heights
- Available in any surface finish
- 30-mm drilling grid
- Double row of holes
- Row of holes in shallow groove
- No placement holes visible on the outside
- Optional: without placement holes
- Optional: with 2 cable outlets
- Optional: vertical cable guide
- Optional partition available for all widths

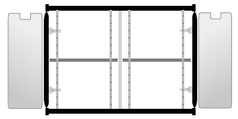
View



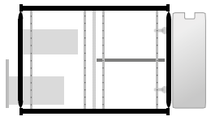
Usage options from both sides



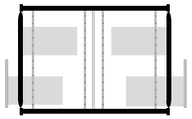
Shelving on both sides
1 deeper shelf



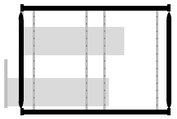
Doors on both sides



Drawers, doors and partition



Double-sided drawers and partition



Extra-long drawers on one side

Shelves for linear modules

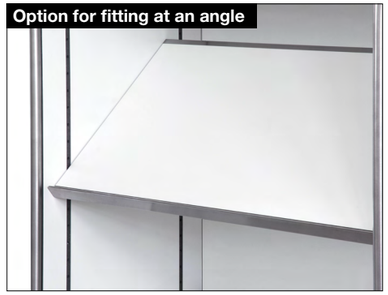
Height-adjustable shelf

- For moderate loads up to system width 720
- Available in any surface finish
- Thermally smoothed edges
- Optionally with cable outlets, either laterally or at centre – for position see page 22
- Possible cable placement behind the shelf
- Anchor to floor with recessed anti-tipping system
- Option to use rear doors
- Useful depth: System depth - 35 mm

Reinforced shelf

- For heavier loads and system width from 810
- Available in any surface finish
- Reinforcement rails in stainless steel
- Optionally with cable outlets, either laterally or at centre
- Possible cable placement behind the shelf
- Anchor to floor with recessed anti-tipping system
- Option to use rear doors
- Useful depth: System depth - 35 mm
- Can be fitted at various angles using an adapter
- Insert edge approx. 1 cm thick

Option for fitting at an angle

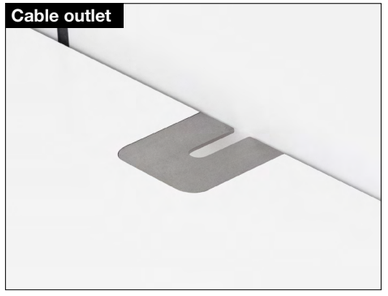


Warping properties comply with DIN 68874 Part 1

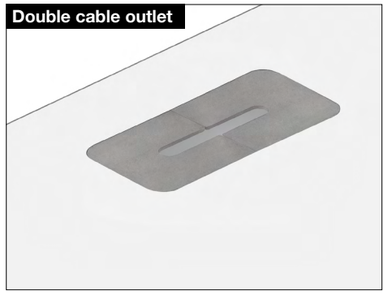
Widths 360 – 720: L 75*
Width 810: L 50*
Width 900: L 25*

Widths 360 – 900: L 125*

Cable outlet



Double cable outlet



Anti-tipping system

Shelves for hub and corner modules

Hub shelf

- For moderate loads up to system width 720
- Available in any surface finish
- Thermally smoothed edges
- Optionally with cable outlets either laterally or at centre
- Possible cable placement behind the shelf
- Anchor to floor with recessed anti-tipping system
- Option to use rear doors

Reinforced shelf

- For heavier loads and system width from 810
- Available in any surface finish
- Reinforcement rails in stainless steel
- Optionally with cable outlets, either laterally or at centre
- Possible cable placement behind the shelf
- Anchor to floor with recessed anti-tipping system
- Option to use rear doors
- Insert edge approx. 1cm thick

Warping properties comply with DIN 68874 Part 1

Widths 500 – 720: L 75*
Widths > 720: L 50*
Widths > 810: L 25*

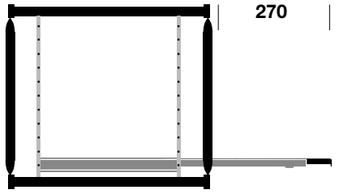
Widths 360 – 900: L 125*

***Warping properties comply with DIN 68874 Part 1**

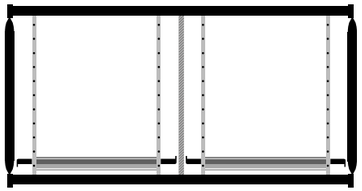
L 125, corresponding to a max. load of 125 kg/m^2
Applications: Heavy books and/or files for public use
L 75, corresponding to a max. load of 75 kg/m^2
Applications: Books and similar
L 50, corresponding to a max. load of 50 kg/m^2
Applications: Household porcelain, clothing and fabrics, and sim.
L 25, corresponding to a max. load of 25 kg/m^2
Applications: Light decorative objects

Pull-out shelf, depth 430

Pull-out shelf



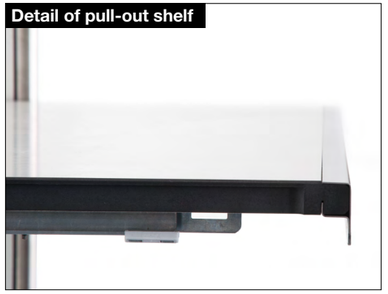
System depth 430 one-sided



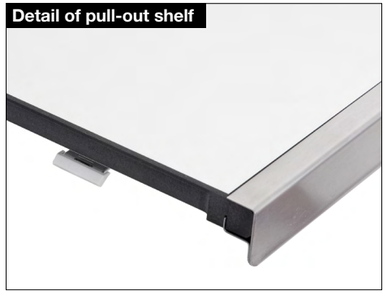
Depth 870 double-sided

- Available in any surface finish
- Reinforcement rails in stainless steel
- For linear modules only
- Possible cable placement behind the shelf
- With dampened partial extension
- Useful depth: 395 mm
- Can bear loads up to 25 kg
- Rear stop edge approx. 1 cm thick
- For use on one side for system depth 430
- For use on both sides for system depth 870
- Optional CD/DVD holder
- Cannot be used behind doors
- No cable outlet

Detail of pull-out shelf



Detail of pull-out shelf

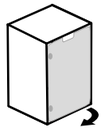


Doors for linear modules

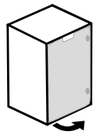
The doors are integrated flush into the furniture. Doors are secured using the rows of holes on the side pieces. It is not possible to insert shelving in the area of door hinges.

Single-leaf doors:
- Up to and including system depth 540
- Either on the right or left
- Grip always centred

Product features:
- In any surface
- Thermally smoothed edges
- Dampened closing mechanism
- Opening angle 110°
- 3-axis adjustment option
- For handle positioning see page 47
- Can be installed to either front or rear
- With or without handle, as required
- Lockable if required

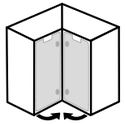


Left-hand door
- Door stop is at left
- Door opens to the left

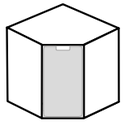


Right-hand door
- Door stop is at right
- Door opens to the right

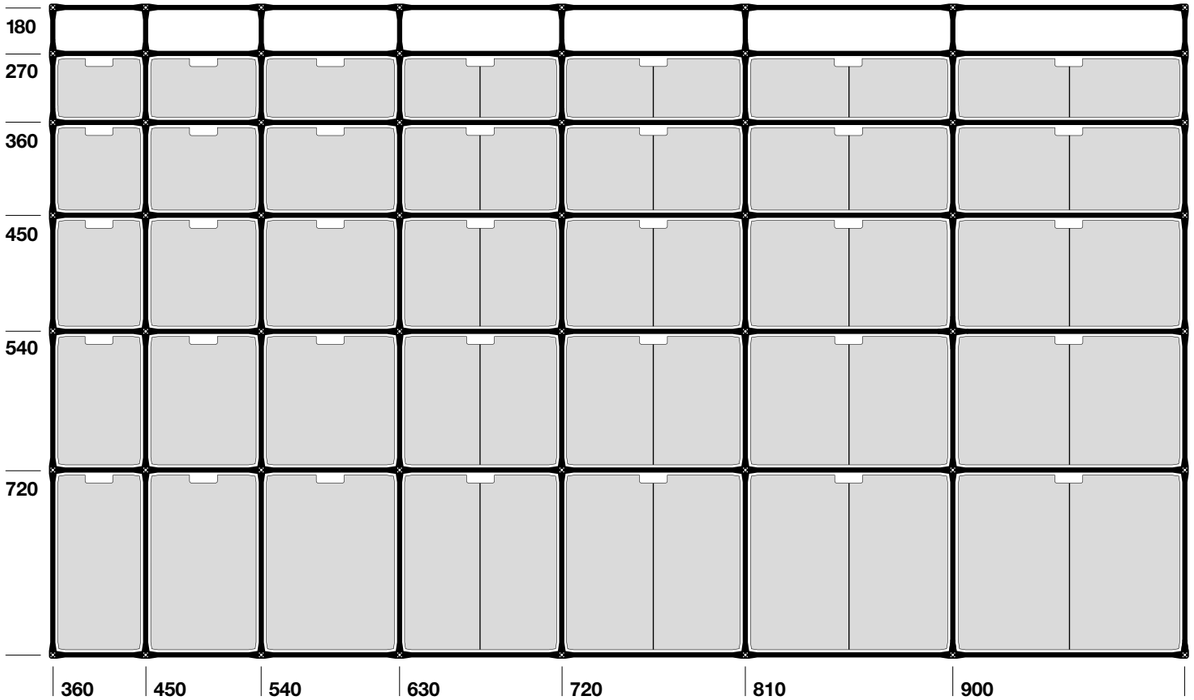
Doors for hub and corner modules

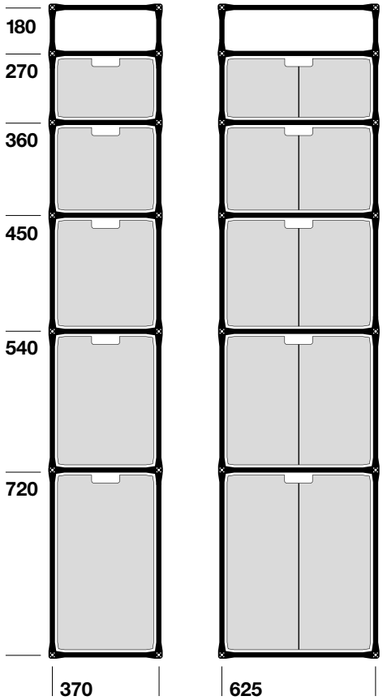


Corner module
- Door stop is on the inside
- Door opens inwards



Hub module
- Door can be fitted
- Left-hand or right-hand door





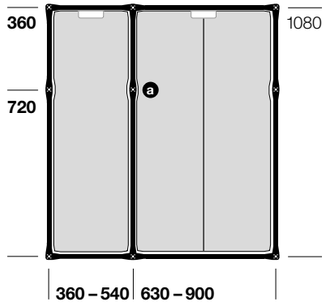
Cabinet doors

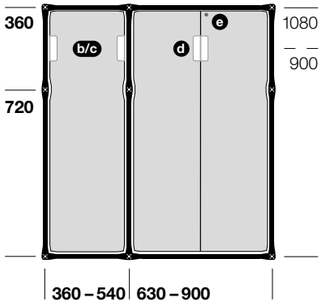
The cabinet doors can stretch over two module heights, which means that the horizontal separator piece between the two modules is eliminated.

Product features:

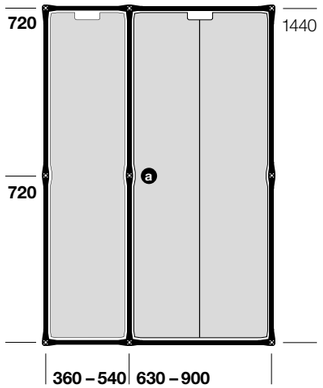
- For all system depths
- Available in any surface finish
- Thermally smoothed edges
- Dampened closing mechanism
- Opening angle 110°
- 3-axis adjustment option
- Can be installed either as front or back part
- For handle positioning see page 47
- With or without handle, as required
- Lockable if required

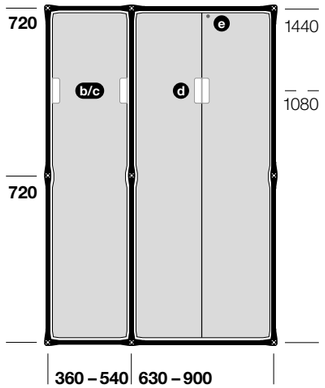
Cabinet doors height 1080



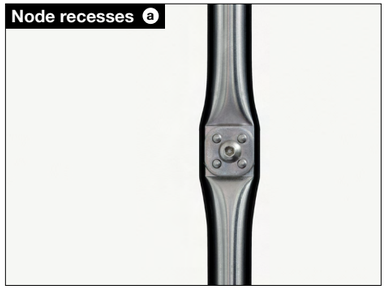


Cabinet doors height 1440





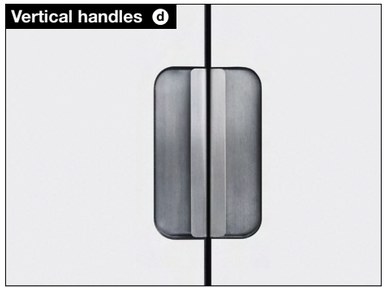
Node recesses a



Vertical handle, single-leaf door b

Vertical handle with lock, single-leaf door c

Vertical handles d



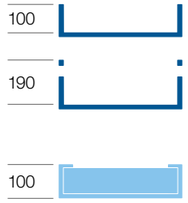
Cabinet door lock e

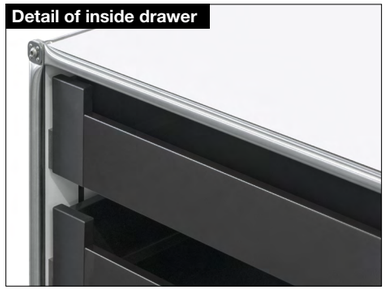
Drawers

The drawers are integrated flush into the furniture. A choice of combinations can be selected for each module.

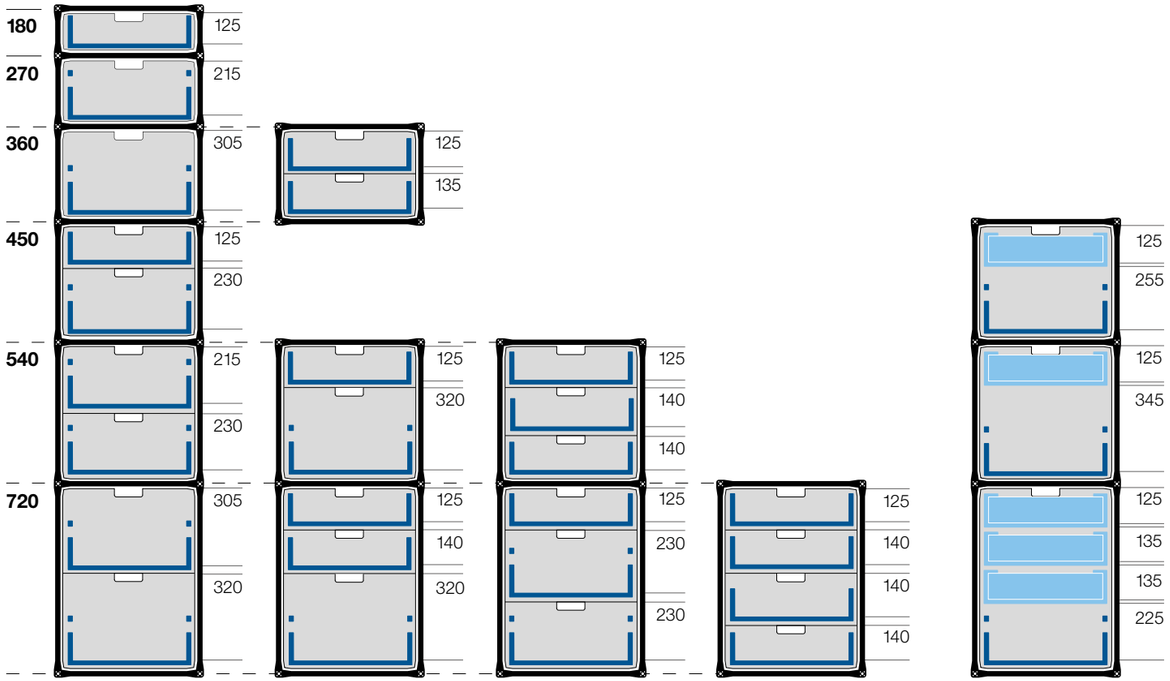
Product features:
- For all system widths
- Thermally smoothed edges
- Full extension with dampened closure
- Can bear loads up to 25 kg
- With or without handle
- Useful width: System width -120 mm
- Optionally lockable top drawer
- Inside drawers should not be fitted behind doors

Useful heights:



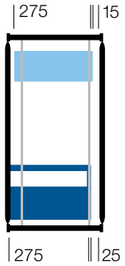


Separations and useful heights

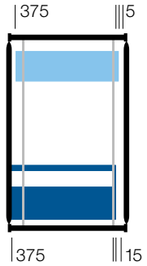


Useful depths and examples of usage

For use on one side



Depth 340

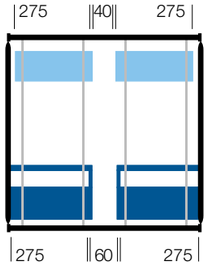


Depth 430

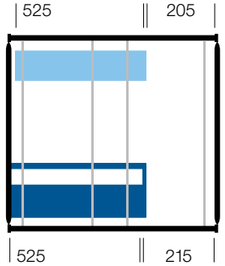
Depth 600

Depth 690

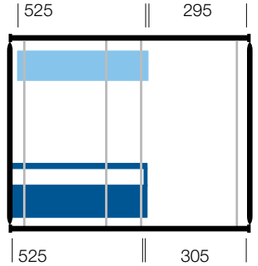
For use on both sides



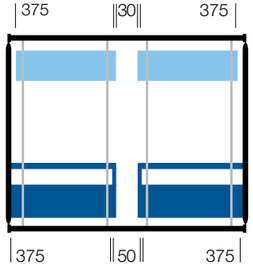
Depth 690



Depth 780



Depth 870



Depth 870

Combined fronts

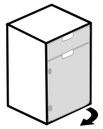
A single drawer can be combined with a single or double door within a single module

Useful heights:

Drawer frame 100

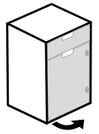
Product features:

- For all system widths
- From a system depth of 340
- For system heights of 540 and 720 only
- Available in any surface finish
- Drawer and door can be made lockable if required
- Useful width: System width - 120 mm
- For door features, see page 32
- For drawer features, see page 36



Left-hand door

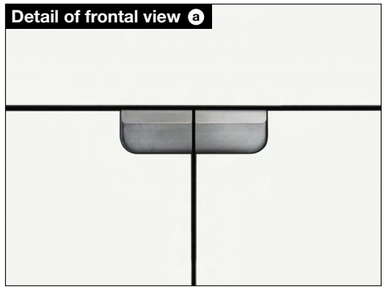
- Door stop is at left
- Door opens to the left



Right-hand door

- Door stop is at right
- Door opens to the right

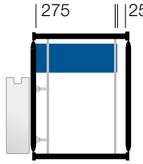
Detail of frontal view (a)



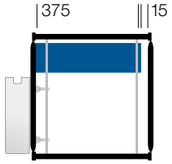
Detail of doors with handle lock (b)

Usages

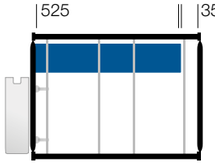
For use on one side



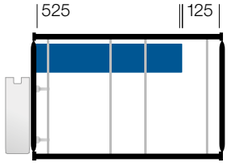
Depth 340



Depth 430

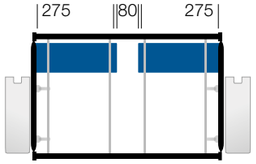


Depth 600

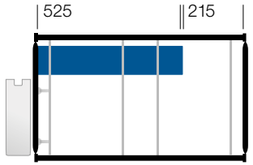


Depth 690

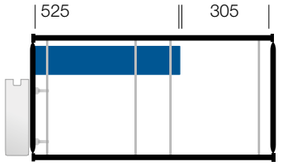
For use on both sides



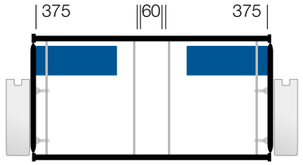
Depth 690



Depth 780



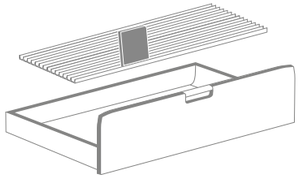
Depth 870



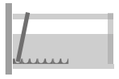
Depth 870

Media storage

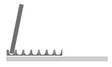
We can supply high-quality aluminium forms for storing CDs and DVDs. They can be inserted into existing furniture, using their self-adhesive underside to fit them into a drawer or onto a shelf.



Number per drawer

	System width		360	450	540	630	720	810	900
CD Number per drawer in horizontal format Min. drawer frontal height 180		Depth 340	11	22	22	33	44	44	55
		from 430	22	44	44	66	88	88	110
DVD/Blu-Ray Number per drawer in upright format Min. drawer frontal height 270		Depth 340	7	14	21	21	28	35	35
		430	14	28	42	42	56	70	70
		from 600	21	42	63	63	84	105	105

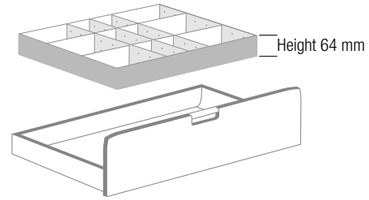
Number per shelf

	System width		360	450	540	630	720	810	900
CD Number per shelf		Depth 210	22	33	33	44	44	55	66
		340	22	33	33	44	44	55	66
		430	44	66	66	88	88	110	132
DVD/Blu-Ray Number per shelf Portrait format		Depth 210	14	21	21	28	35	35	42
		340	28	42	42	56	70	70	84
		430	28	42	42	56	70	70	84

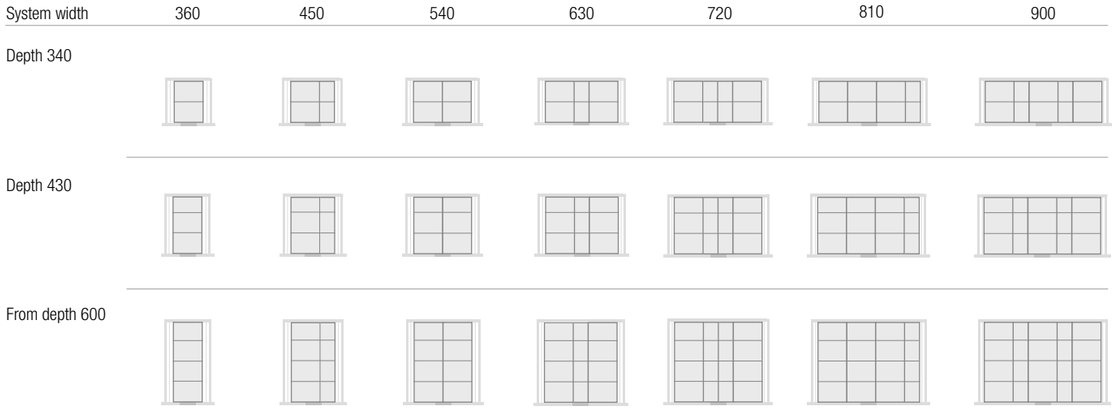
Subdivisions for drawers

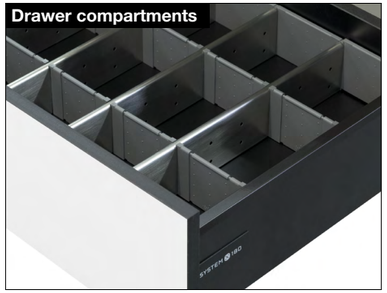
For every drawer size we have a drawer subdivision set, which can be fitted later without any need for tools. When making the subdivisions, cross pieces can be clicked into place at 45-mm intervals.

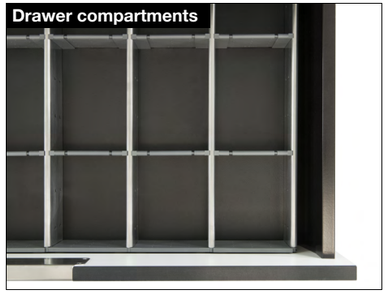
Product features:
- Available for all system widths
- Deep drawer subdivisions using 45-mm grid
- Brushed stainless steel and grey plastic
- Drawer width (large) = 177 mm
- Drawer width (small) = 88 mm



Choice of combination variants







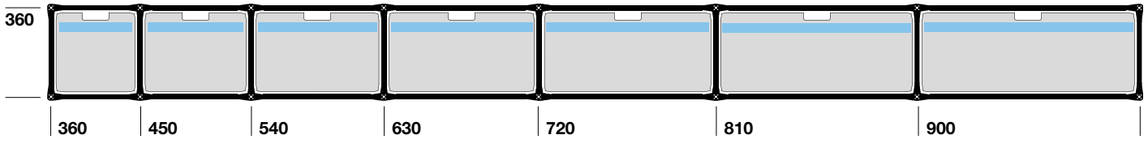
Hanging file drawers

Our hanging file holders are fitted with dampened full drawers, parallel guides and a drawer stop. From system width 900 upwards you can place the hanging files either perpendicular or parallel to the front, in double rows in the latter case, where the width allows.

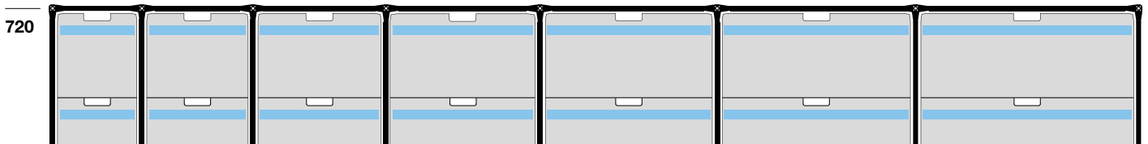
Product features:
- From a system depth of 430, 600, 690, 780
- Double sided for system depth 870
- The useful depth of the hanging file holder is always 430 mm, regardless of system depth
- For all system widths
- Thermally smoothed edges
- Optional double rails from system width 900
- Fully extendible with dampened closure
- Alternatively with or without handle
- Optionally lockable top drawer

Detail of hanging file holder

Number of files for an average file thickness of 1 cm.



	360	450	540	630	720	810	900
	23	32	41	50	59	68	77
	–	–	32	32	32	32	64



	360	450	540	630	720	810	900
	46	64	82	100	118	136	154
	–	–	64	64	64	64	128

Displays

The display can be pushed back into the module and clicked into place. The integrated damping system allows you to push the display gently into place. It can be installed singly into module height 360 or can be duplicated in module height 720 by adding another shelf.

Product features:
- From a system depth of 430
- For all system widths
- For linear modules only
- In black and white finish
- Support rail in stainless steel
- Can be pushed and clicked into place within the module
- Dampened lowering
- Cannot be used behind doors
- No cable outlet

Display

Display in its recessed position

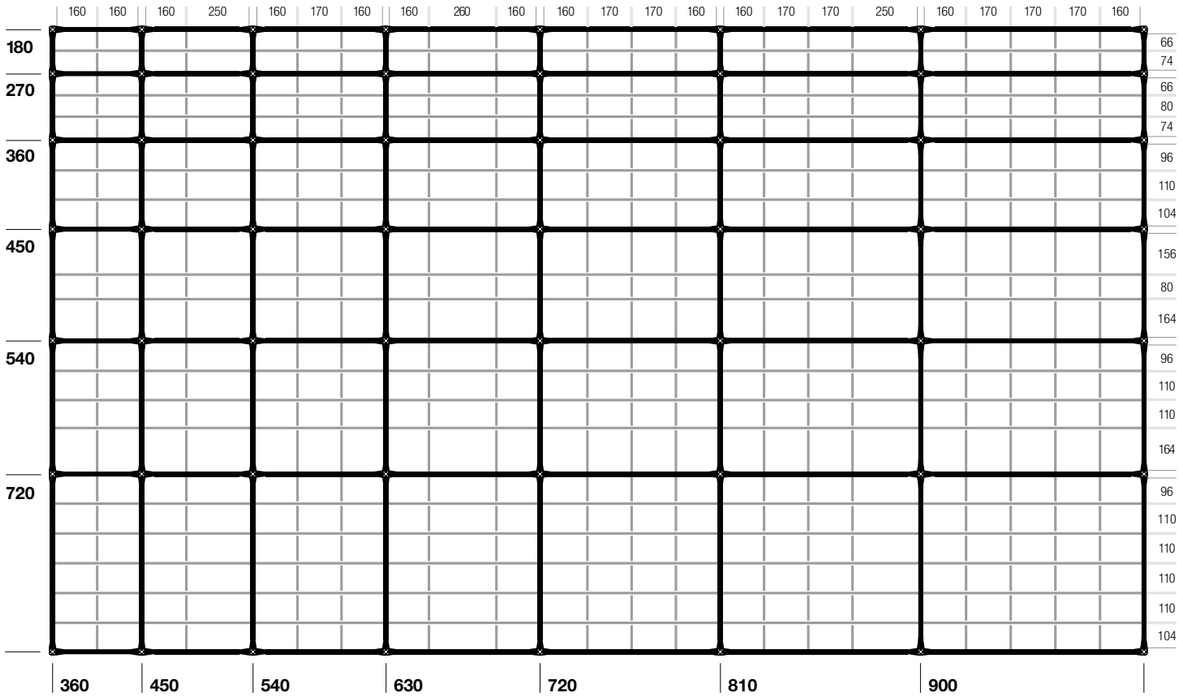
Compartments

A compartment can serve as a stacking rack or an in- or out-box. There is a separate basic configuration for each module size, with further compartment variants available on request.
Used in conjunction with a system base, a half compartment can be inserted in system height 720.

Product features:
- At system depths 210, 340, 430, 600 for use either on one side, or for use on both sides for depths 690 and 870
- Only two horizontal dividers are possible for system height 270
- Compartments are possible in combination with doors for system heights 360 and above
- Material: MDF 10 mm, black core
- Surface in black or white
- Thermally smoothed edges
- Can be installed without any need for tools
- Can also set behind doors
- Additional back panelling is recommended

Detail of compartment

Standard compartmentalization with dimensions of usable spaces

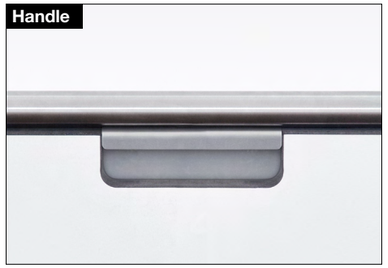


Handles

Grip hole

- For drawer fronts and single-leaf doors

Handle

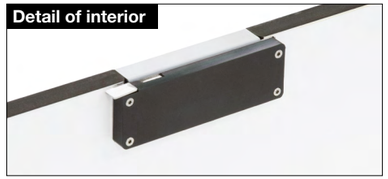


- For drawer fronts and single-leaf doors

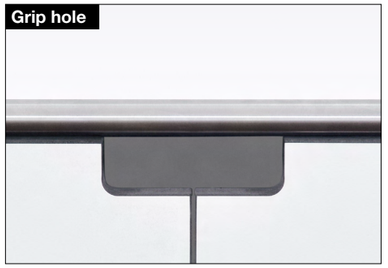
Handle with lock

- For single-leaf doors
- Only possible for top drawers

Detail of interior



Grip hole



- For double-leaf doors

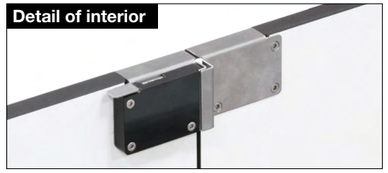
Handle

- For double-leaf doors

Handle with lock

- For double-leaf doors

Detail of interior

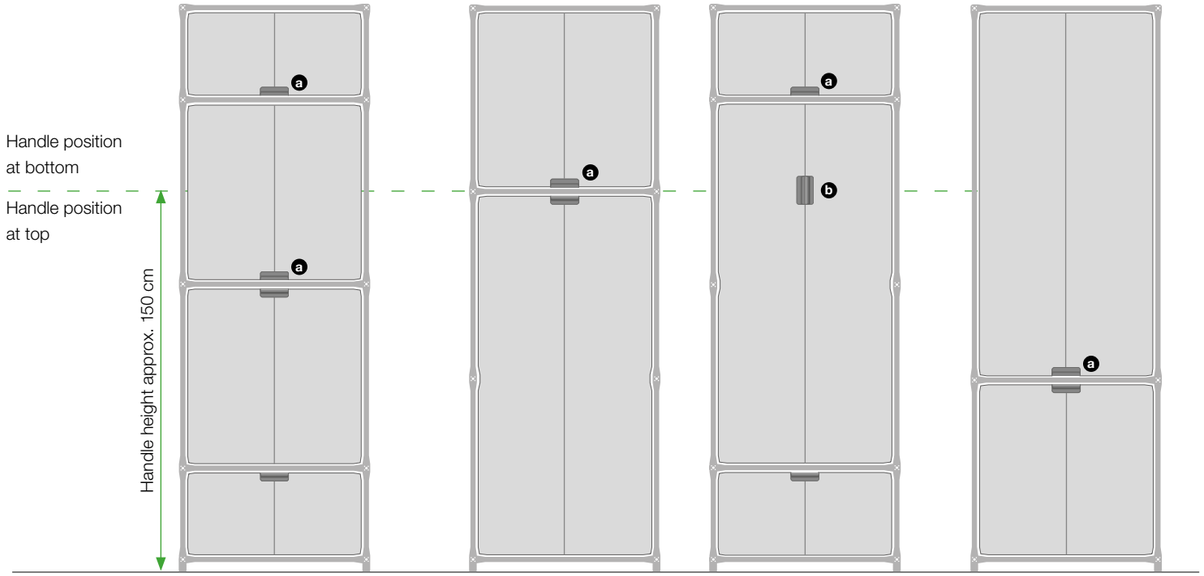


Handle positions

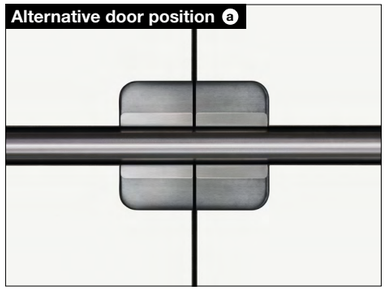
Normal handles at heights greater than 150 cm due to door height, placed at positions ⓐ or ⓑ.

Handle positions for doors

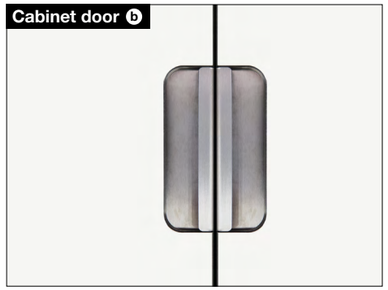
Handle positions for cabinet doors



Alternative door position ⓐ

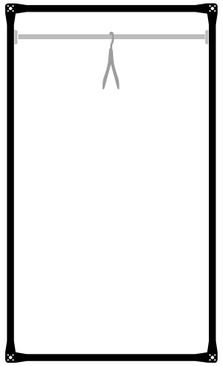


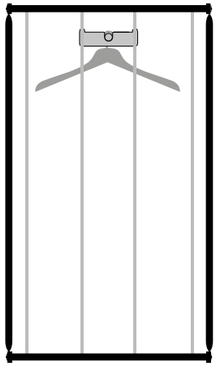
Cabinet door ⓑ



Wardrobe rods parallel to front, depth 600 and above

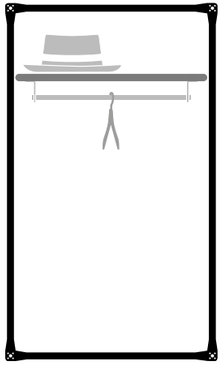
The wardrobe rods are secured onto the side panelling using a side support. You can set their height with complete freedom.

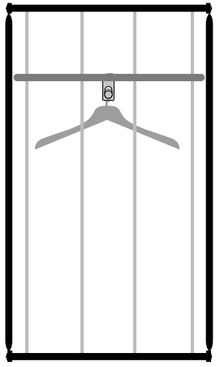




Depth 600 – 870

This wardrobe rod works in combination with a cable outlet in the system base or in a shelf. The hanging bracket is simply inserted into the cable conduit.

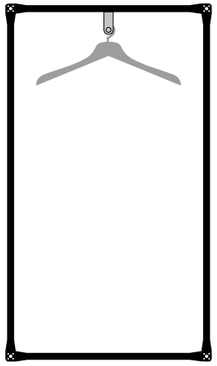




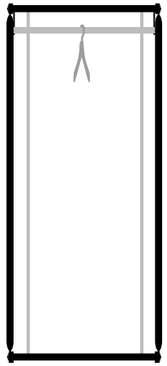
Depth 600 – 870

Wardrobe rod perpendicular to front

Wardrobe rods can also be fitted perpendicular to the front. Where you do this, the rod is suspended from the middle of the system base. It is still possible to install doors.



From width 630 upwards



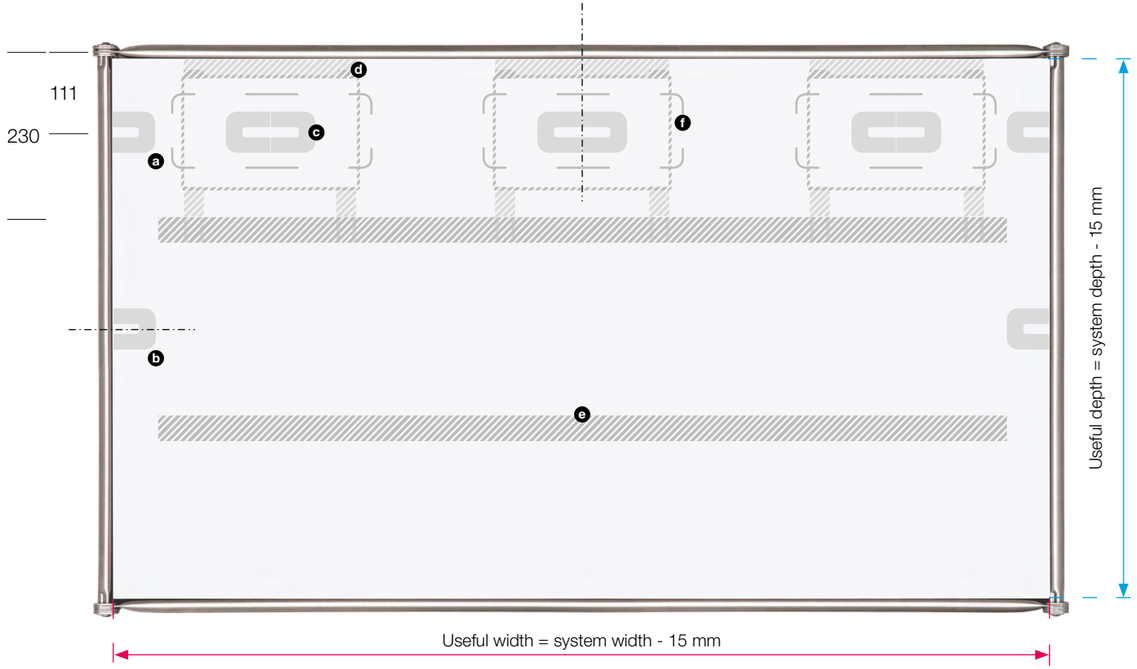
Depth 210 – 600

Work surfaces

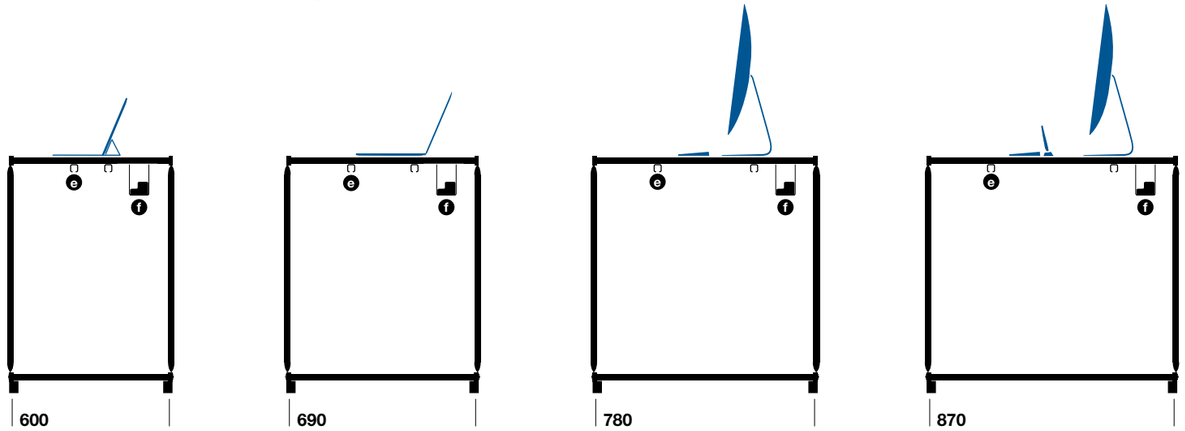
Work surfaces are made of 16-mm MDF coloured right through in black, reinforced with two guide rails on their underside.
You can choose any width from 720 mm to 1800 mm in 90-mm steps. The work surfaces are available in system depths 600, 690, 780 and 870.

The work surfaces can be fitted with a wide range of cable management options:
- Cable outlets ⓐ and ⓑ
- Double cable outlets ⓒ
- Device box TB300 ⓕ
  Work surface ≤ 1170, central position only
  Work surface ≥ 1260, three possible positions
- Device box TB660 ⓕ
  Work surface ≥ 810 ≤ 1170, central position only
  Work surface ≥ 1260, three possible positions
- To guide cables horizontally ⓓ you can add optional guide attachments

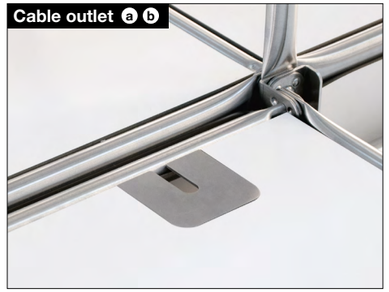
Please note:
- the power box is no longer available in our range as standard



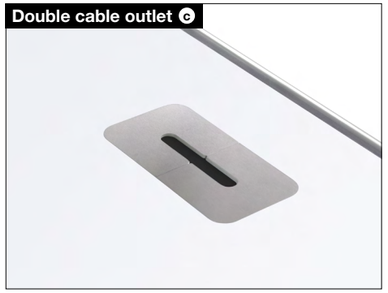
Work surface depths and sample usages



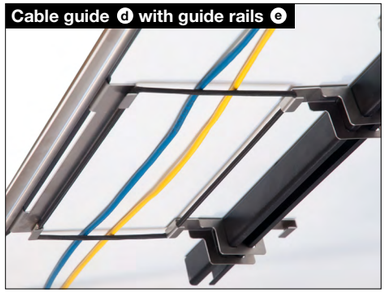
Cable outlet ⓐ ⓑ



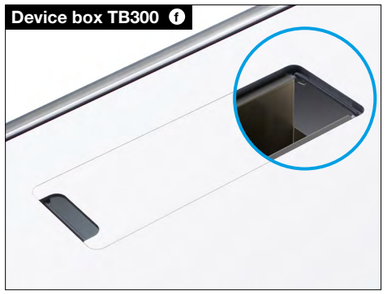
Double cable outlet ⓒ



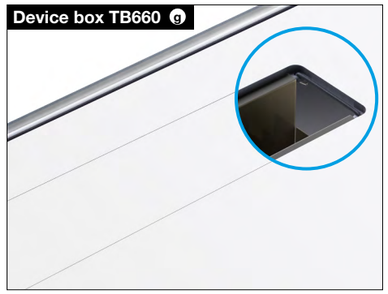
Cable guide ⓓ with guide rails ⓔ



Device box TB300 ⓕ



Device box TB660 ⓖ

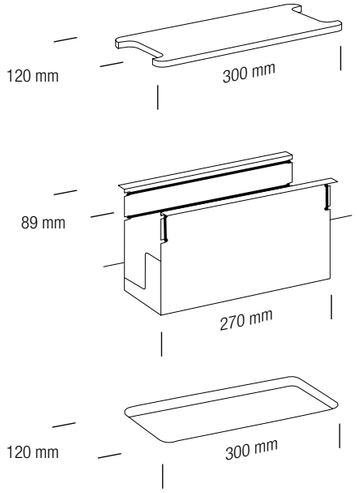


Device box

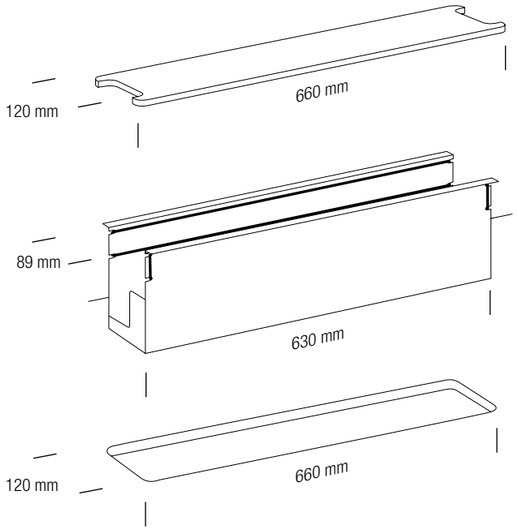
Device boxes can be sized and fitted out according to the needs of desks, conference tables and work benches. You can insert your device boxes with no need for tools.

Components:
- Cover
- Metal trough
- 4 x rubber bands for securing cables
- Shaped hole in tabletop

For module widths ≥ 360



For module widths ≥ 720



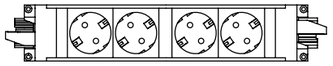
Device box TB300

Device box TB660

Socket strip

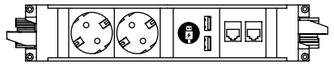
To provide your device boxes with the correct connections, we can provide three different pre-assembled standard fittings. Please get in contact with our specialist advisors if you need a custom solution in the area.

Socket strip IN Start



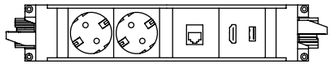
- 4x safety plugs
- Power cord and fixtures
- Black aluminium panelling

Socket strip IN USB Charge



- 2x safety plugs
- 1x USB charging station
- 2x RJ45
- Power cord and fixtures
- Aluminium panelling

Socket strip IN Free



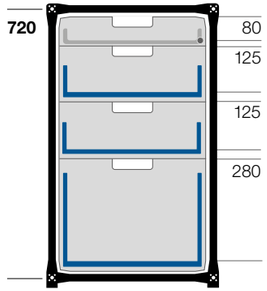
- 2x safety plugs
- 1x USB + HDMI
- 1x RJ45
- Power cord and fixtures
- Aluminium panelling

Office container, width 409

Office containers contain interiors specially developed for office needs. They are available in two variants, each with a drawer for materials (a short drawer) and 3 or 4 full drawers.
In addition, all containers can be centrally locked and the drawers are protected by a drawer stop. Inside there is a facility to attach a cable running vertically through the piece, which can be run out from a large groove in the base.

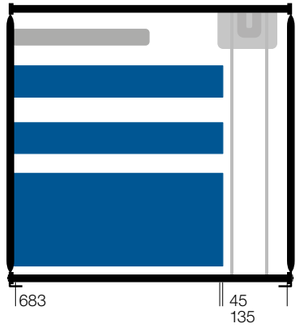
Product features:
- Available in any surface finish
- Useful depth: Materials drawer 330 mm
- Optional 1 or 2 cable outlets in the System base (see illustration on page 50)
- Optional 1 cable outlet in the side panel

Variant 1:
1 materials drawer, 2 full drawers and 1 full drawer with A4 hanging file holder insert

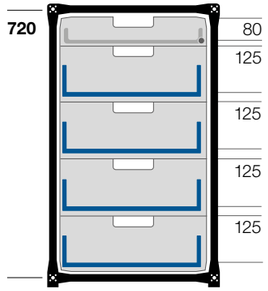


Depth **600**
690

Depth **780**
870

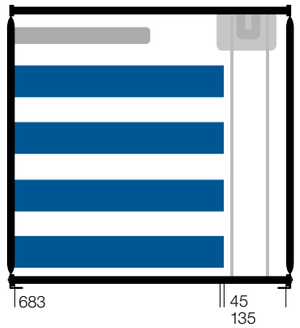


Variant 2:
1 materials drawer, 4 full drawers



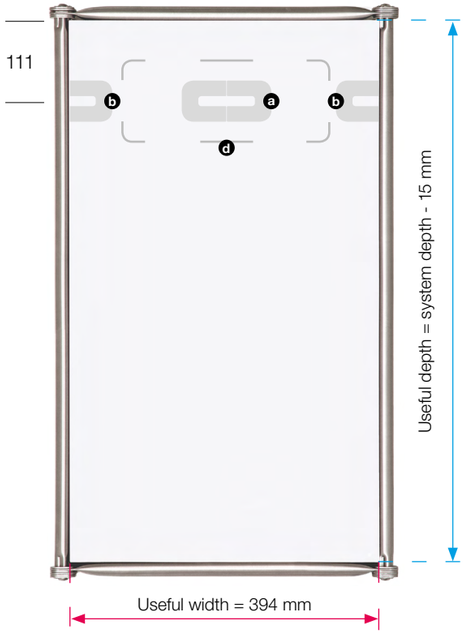
Depth **600**
690

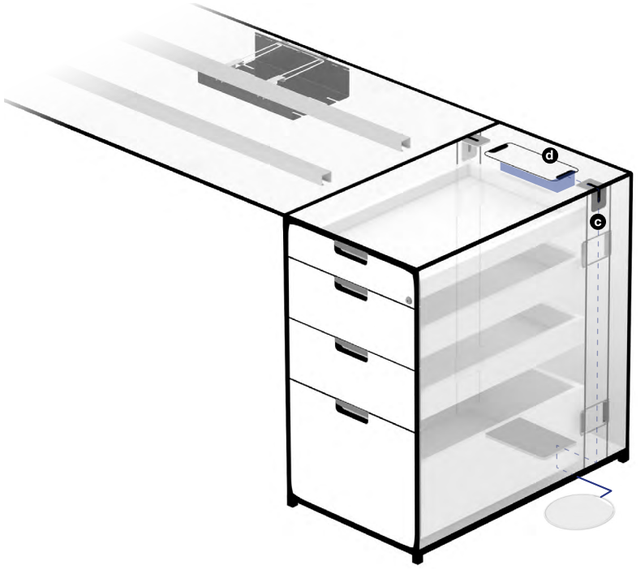
Depth **780**
870



Combinations for cable management:
- Double cable outlet at centre ⓐ
- Cable outlet ⓑ
- Side cable outlet ⓒ
- A power box or device box ⓓ

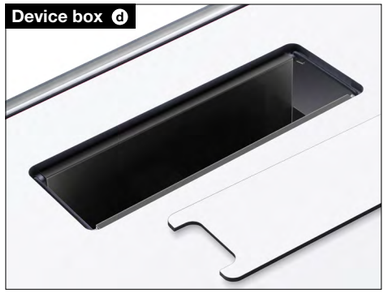
Please note:
- the power box is no longer available in our range as standard





Materials drawer

Device box ⓓ

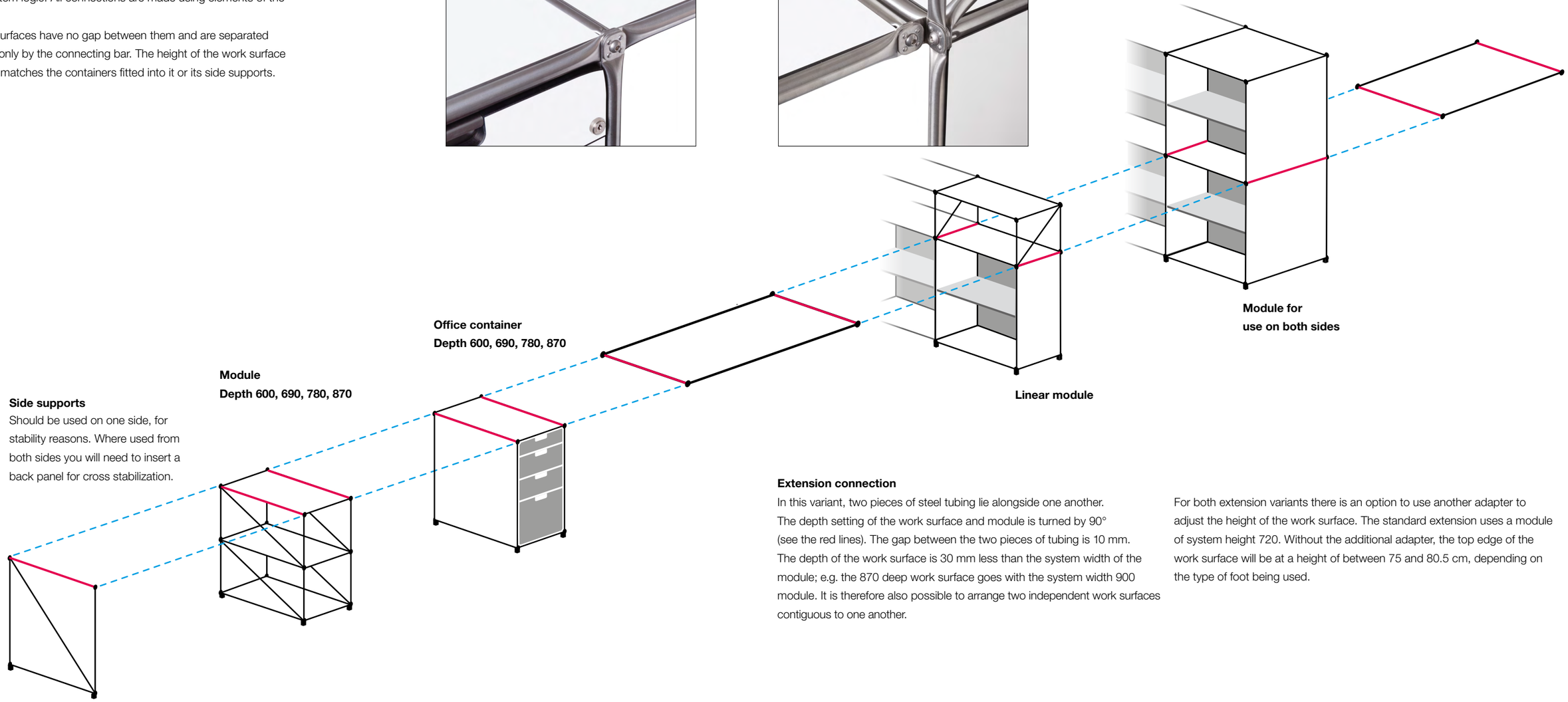


Combining work surfaces

System connection

Work surfaces are secured onto containers, modules and side supports using the standard system logic. All connections are made using elements of the same depth.

The connected surfaces have no gap between them and are separated from each other only by the connecting bar. The height of the work surface therefore always matches the containers fitted into it or its side supports.



Side supports

Should be used on one side, for stability reasons. Where used from both sides you will need to insert a back panel for cross stabilization.

Extension connection

In this variant, two pieces of steel tubing lie alongside one another. The depth setting of the work surface and module is turned by 90° (see the red lines). The gap between the two pieces of tubing is 10 mm. The depth of the work surface is 30 mm less than the system width of the module; e.g. the 870 deep work surface goes with the system width 900 module. It is therefore also possible to arrange two independent work surfaces contiguous to one another.

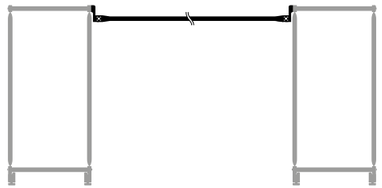
For both extension variants there is an option to use another adapter to adjust the height of the work surface. The standard extension uses a module of system height 720. Without the additional adapter, the top edge of the work surface will be at a height of between 75 and 80.5 cm, depending on the type of foot being used.

Heights of desktop additions

By combining extension adapters and feet you can achieve a variety of working heights from 75 to 80 cm.

Extension connection

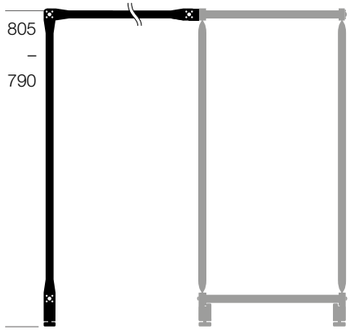
The adapters can be used on both sides of the work surface.

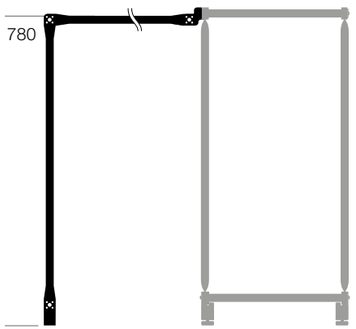


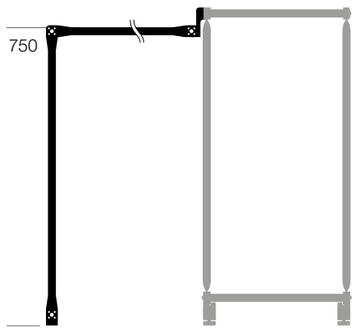
Desk adapter with no height difference, with foot base and adjustment unit

Desk adapter (-15 mm) with foot base

Desk adapter (-45 mm) with foot bracket



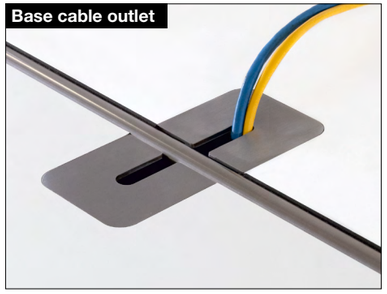




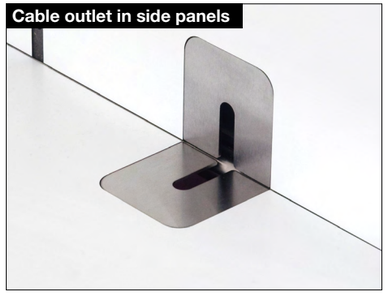
Cable management for work surfaces

The great flexibility provided by our furniture requires a flexible and easy system for handling cables. We have answered this challenge by developing a range of integrated and universally adaptable solutions. These solutions allow you to adjust your cabling arrangements quickly and practically just as you want it.

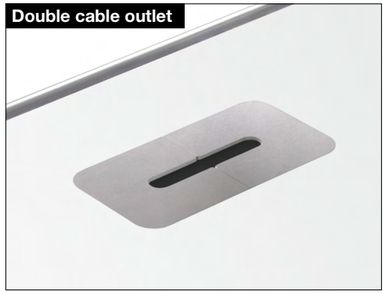
Base cable outlet



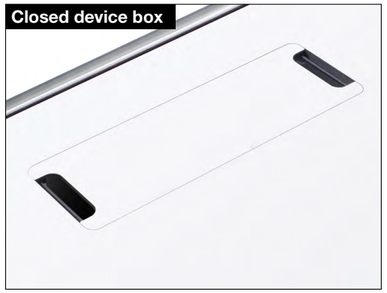
Cable outlet in side panels



Double cable outlet

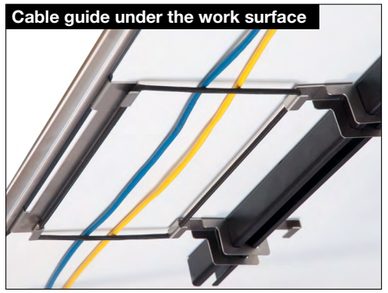


Closed device box

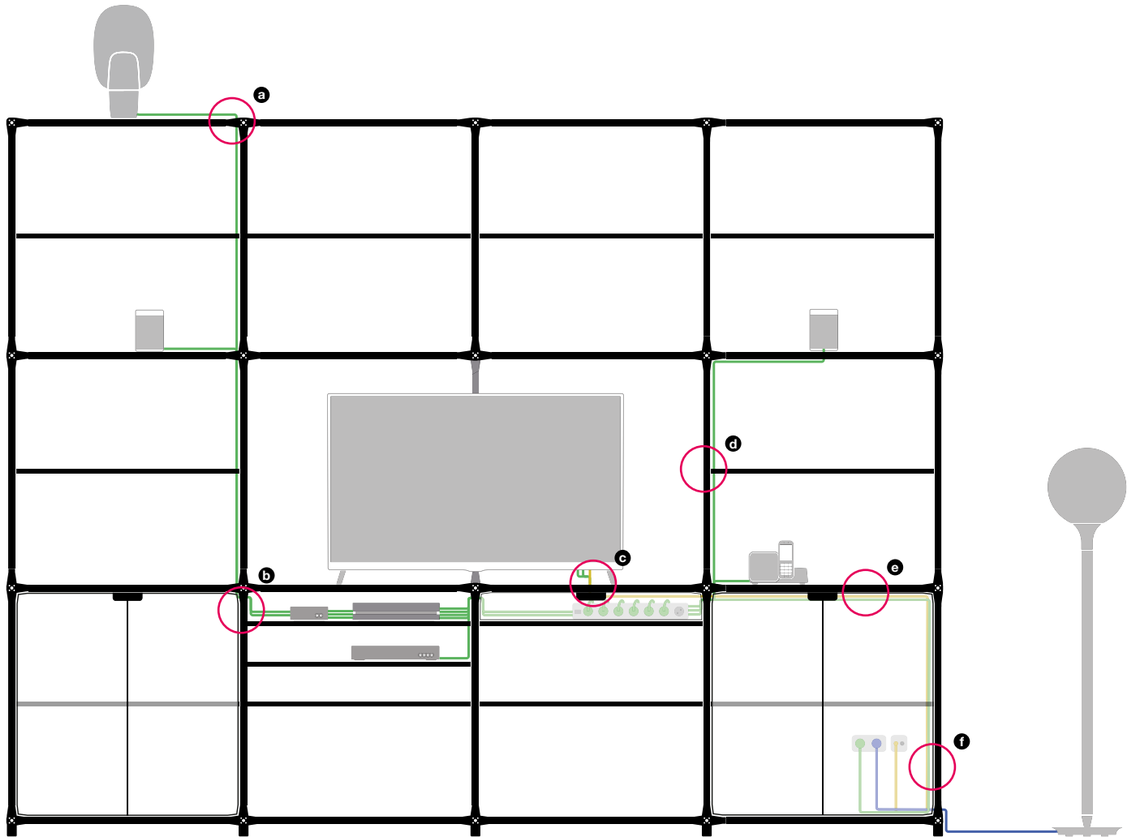


Open device box

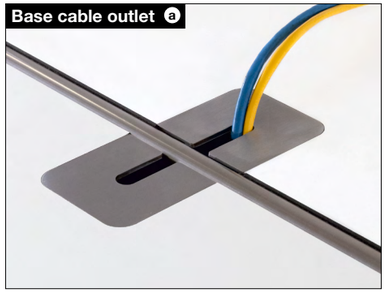
Cable guide under the work surface



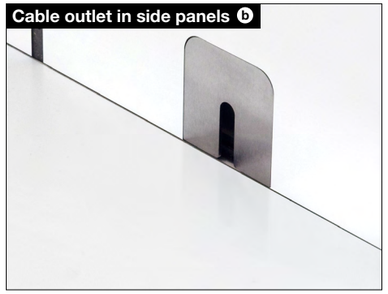
Cable management for shelves



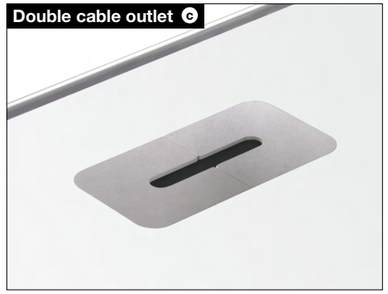
Base cable outlet a



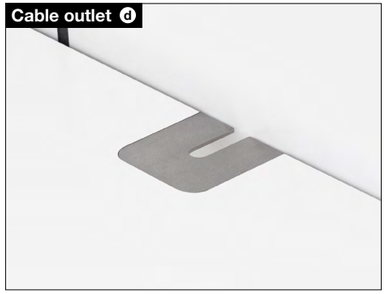
Cable outlet in side panels b

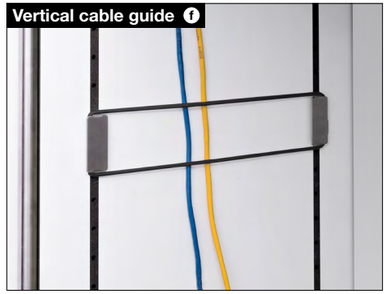


Double cable outlet c



Cable outlet d



Horizontal cable guide e

Vertical cable guide f