

Compactus® XTR

Technical Datasheet



Version: 1.0
Product: Compactus® XTR
Year: 2018
Completed by: GH, VB

Compactus® XTR

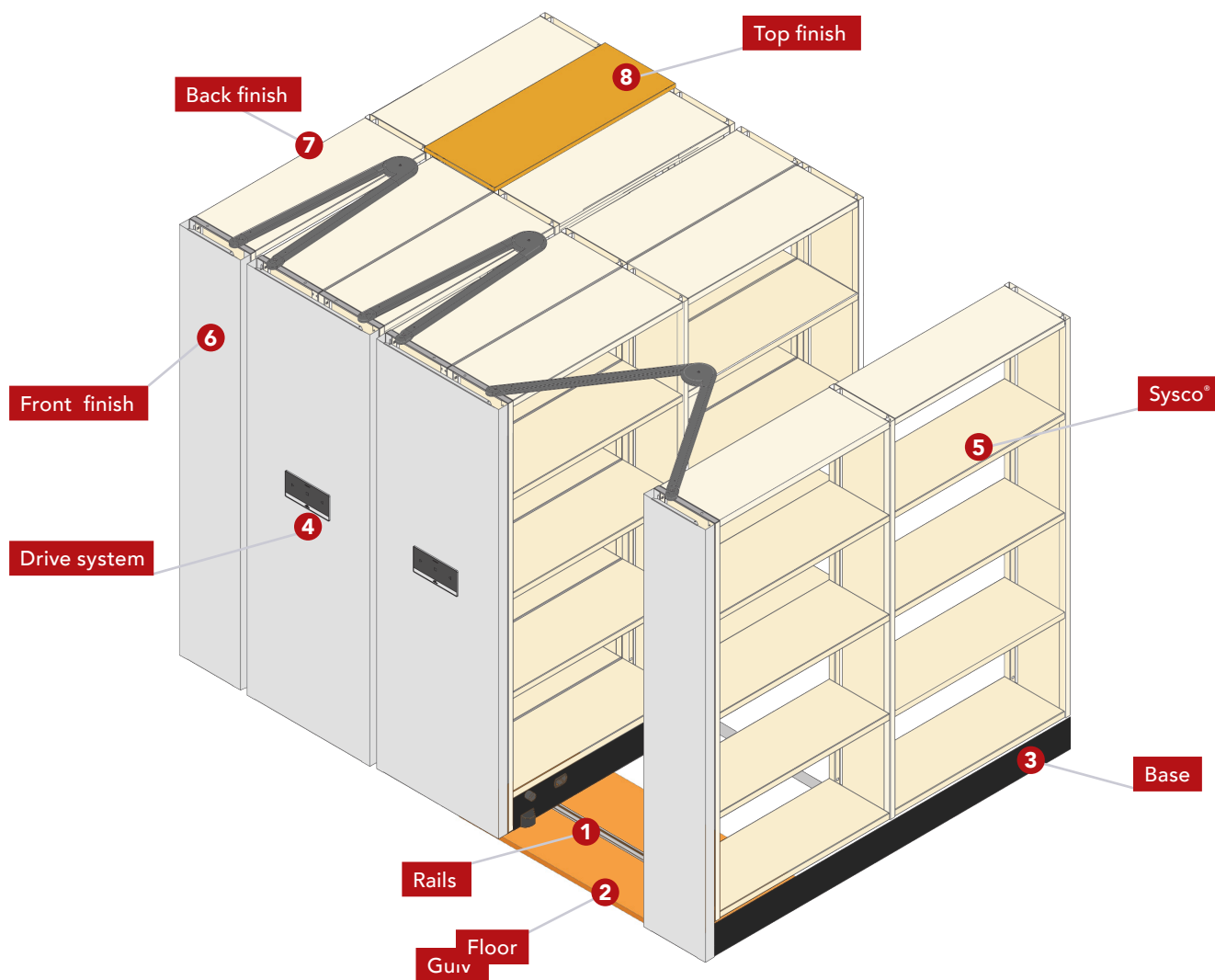
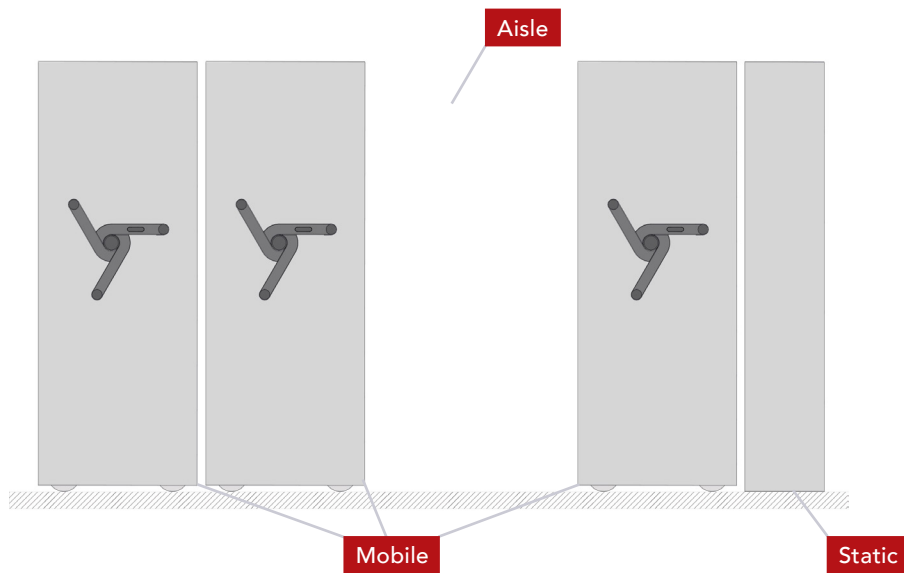
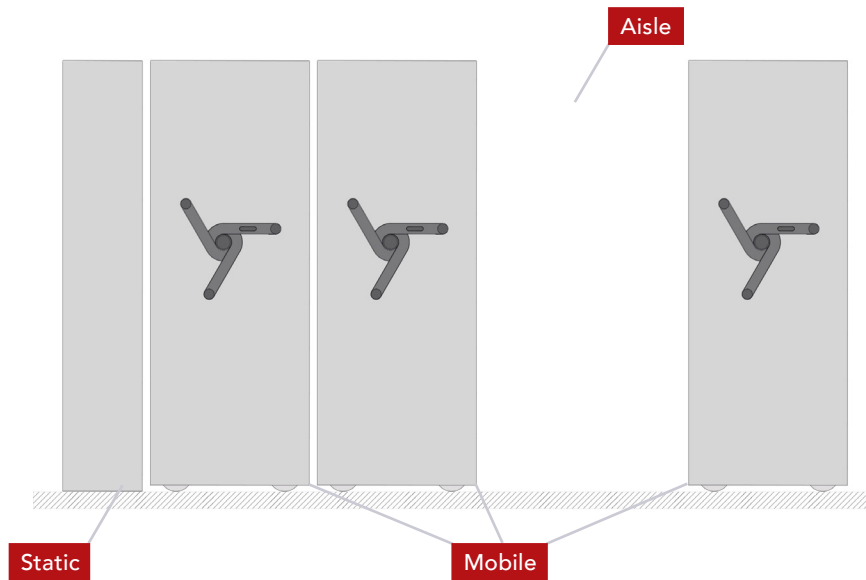
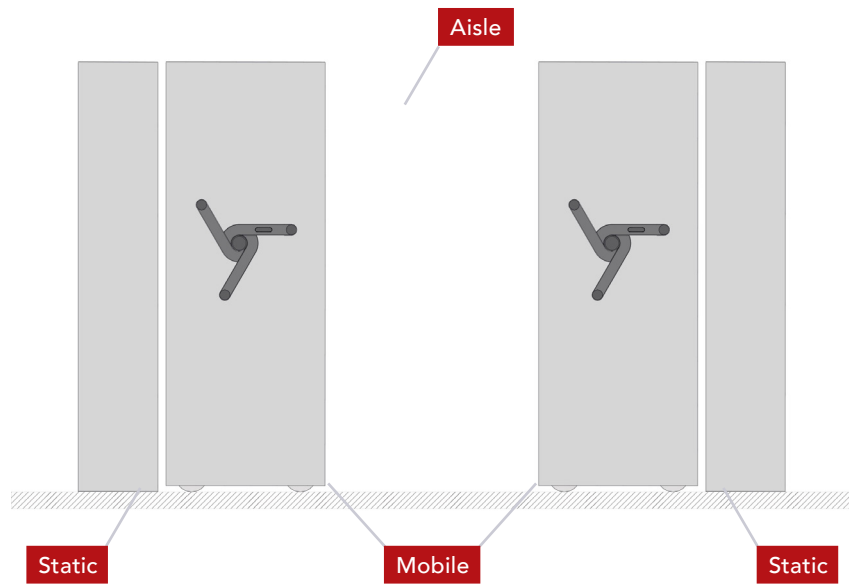


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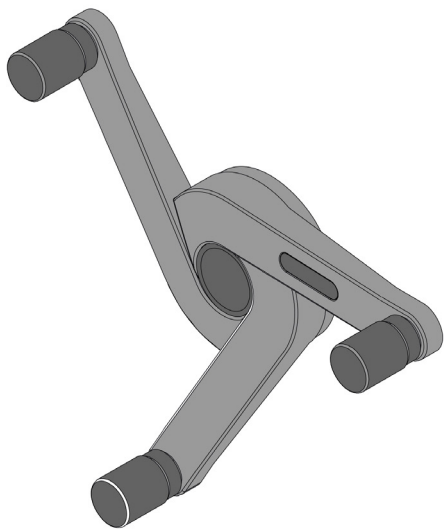
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Principle



Drive systems

Original



M1

- Handcrank driven with single reduction
- Movable block weight: 12.500 kg. (with a force of 10 kg.)

M2

- Handcrank driven with double reduction
- Movable block weight: 25.000 kg. (with a force of 10 kg.)

M3

- Handcrank driven with triple reduction
- Movable block weight: 35.000 kg. (with a force of 10 kg.)
- Torque limiter for safety

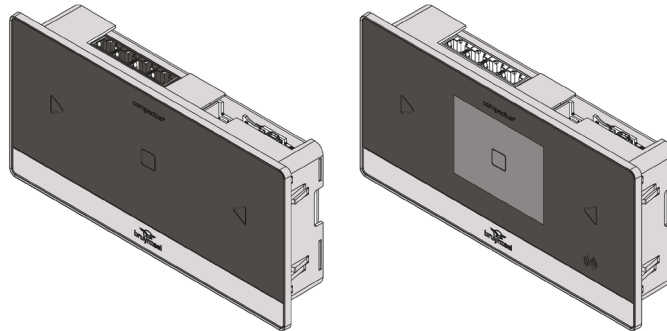
Extra

- Keylock
- Push-pull knob
- Floor lock (Eurolock 3)
- Interlock (Eurolock 1)
- Chain box cover instead of front panel
- Aisle lighting

Limitations

- Minimum number of cabinets: 1 (1 mobile or 1 static)
- Maximum length: 12.000 mm (eg. 12 x 1000 or 10 x 1200)
- Minimum depth for mobile cabinet: 390 mm
- Maximum height = 2994 mm

Dynamic (Pro)



XTR-8

- Electronic control panel
- Pro: electronic touch control display
- Movable base weight: 8000 kg
- Movable number of Mobile bases: 20

XTR-15

- Electronic control panel
- Pro: electronic touch control display
- Movable base weight: 15.000 kg
- Movable block weight: 20 bases

Limitations XTR-8

- Maximum load per base: 8000 kg.
- Maximum length: 12000mm. Max number of sections: 15
- Maximum number of cabinets: 20; Minimum number of cabinets: 1.
- Movement speed: 7 to 8 m/min.
- Maximum load per section: 800 kg.
- Output socket: 230 VAC/10A.
- System power output: 27 V DC, 320 Watt, max. 11 A.
- Motor output: 16.5 rpm, 40 Watt
- Motor input voltage: 24VDC
- Operationpanel: relative humidity less than 90%; temperature range: 0 tot +50°C
- Minimum depth of mobile cabinet: 390 mm.

Limitations XTR-15

- Maximum load per base: 15000 kg.
- Maximum length: 12 sections.
- Maximum number of cabinets: 20; Minimum number of cabinets: 1.
- Movement speed: 5 m/min.
- Maximum load per section: 800 kg.
- Output socket: 230 VAC/10A.
- System power output: 27 V DC, 320 Watt, max. 11 A.
- Motor output: 22 rpm, 40 Watt
- Motor input voltage: 24VDC
- Operationpanel: relative humidity less than 90%; temperature range: 0 tot +50°C
- Minimum depth of mobile cabinet: 390 mm.

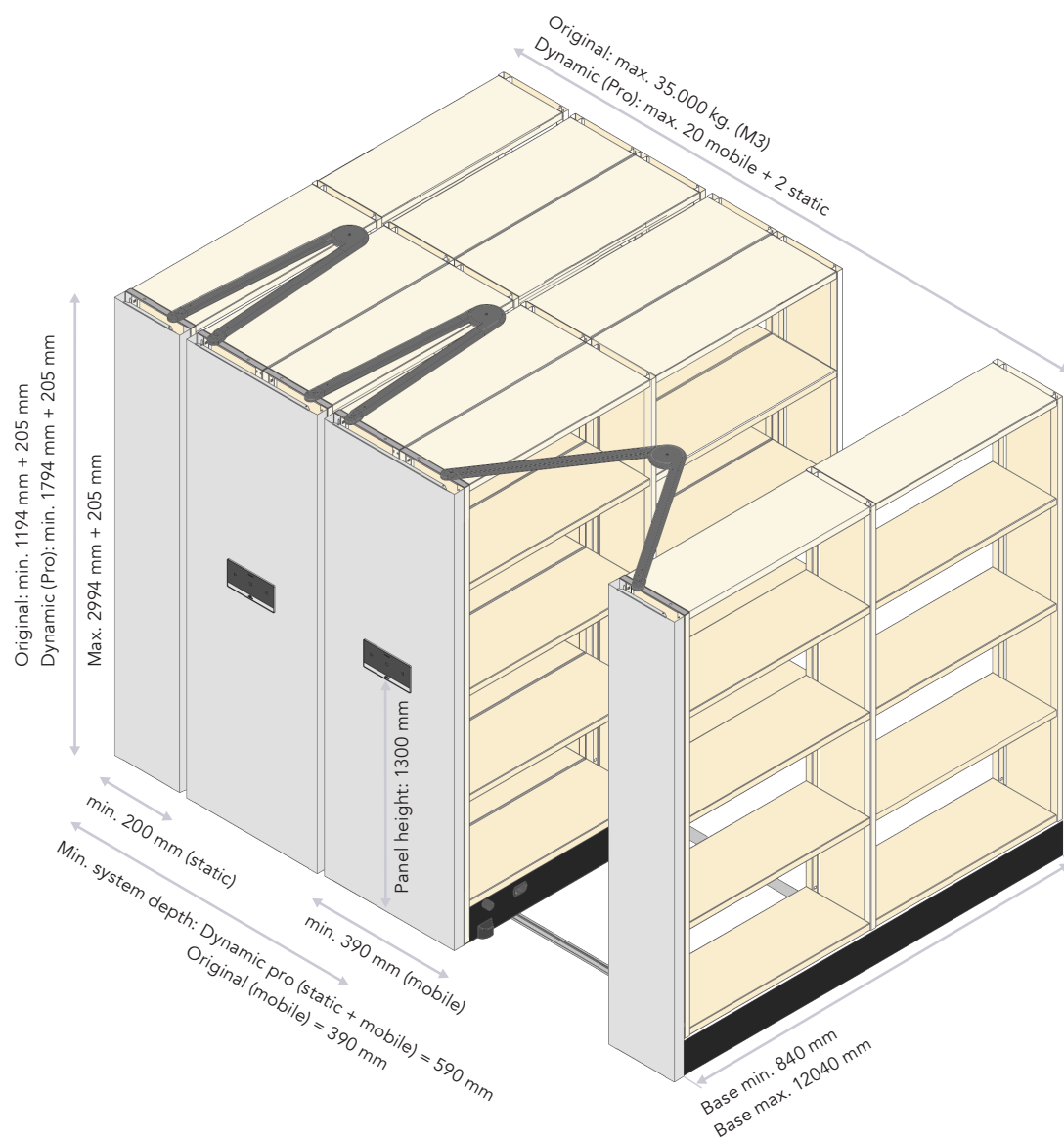
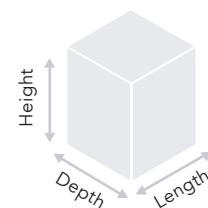
Extra

- Photocells
- Distance sensor
- Floor lock
- MCMS (Motor Current Monitoring System)
- Aisle lighting
- PIR sensor

Extra (only for Pro)

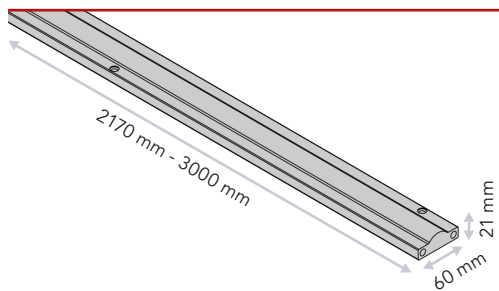
- Access control
- Ventilation mode
- Fire park
- Passive safety
- Battery backup

Dimensions min. + max.



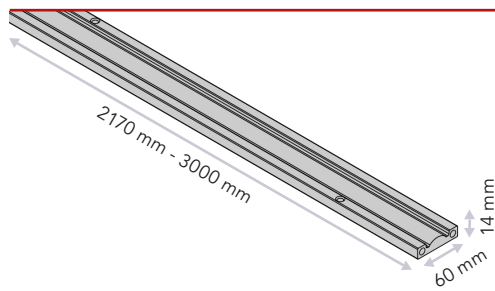
1 Rails

Standard



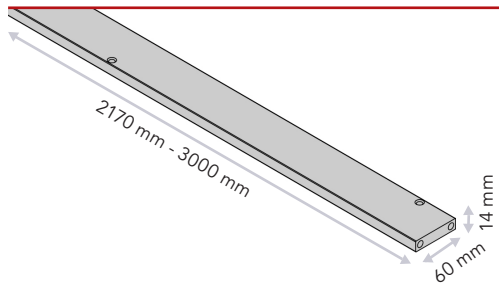
Cold drawn steel, electro zined.

Inco



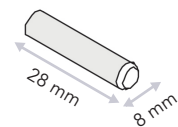
Cold drawn steel, electro zined.

Running rail



Cold drawn steel, electro zined.

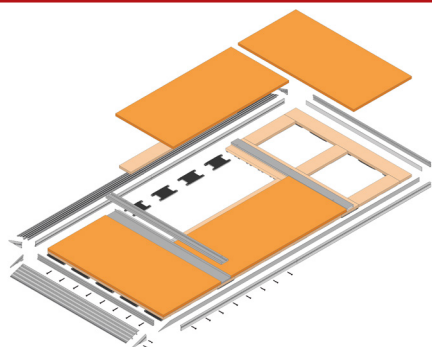
Dowel pin



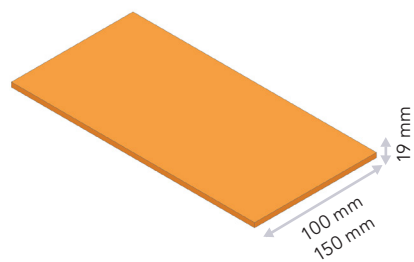
Steel

2 Floor

Chipboard floor with ramp

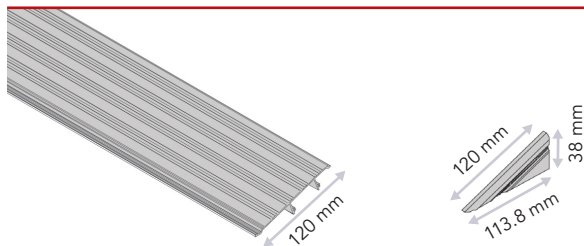


Chipboard



Chipboard 19 mm, Terazzo 22 mm

Ramp + end piece



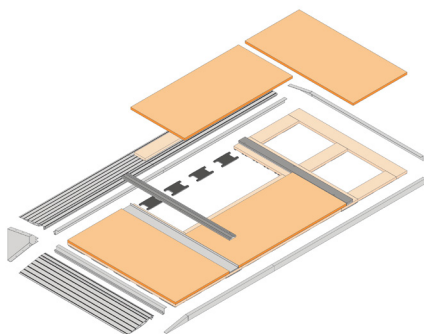
Aluminum

Plinth

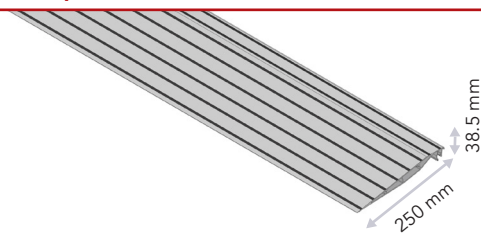


Aluminum

Chipboard floor with ramp 250

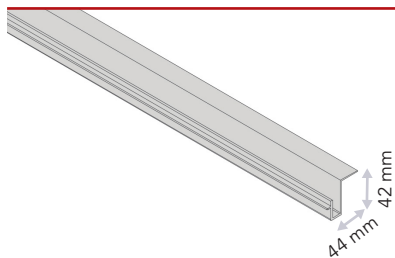


Ramp 250



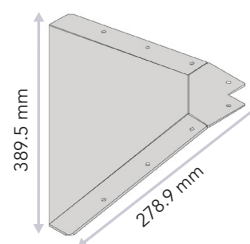
Aluminum

Rampholder



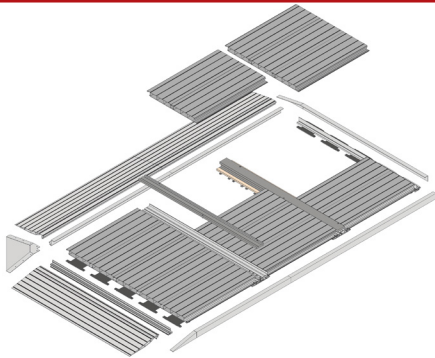
Aluminum

Cornerpiece

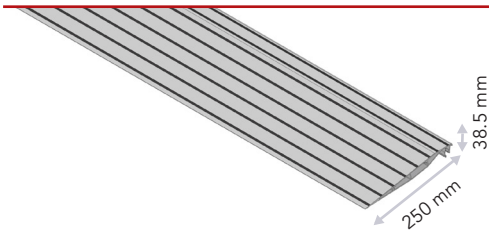


Steel, powder coated

Aluminum floor with ramp 250

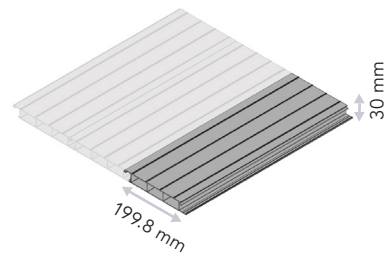


Ramp 250



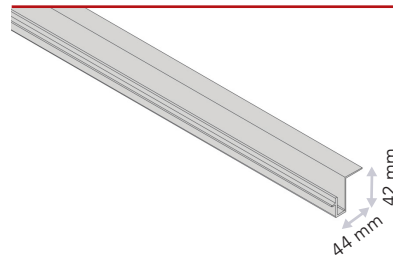
Aluminum

Floorpanel



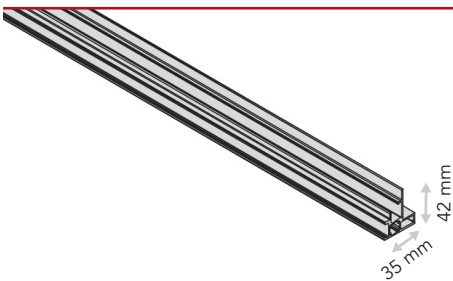
Untreated or anodised aluminum

Rampholder



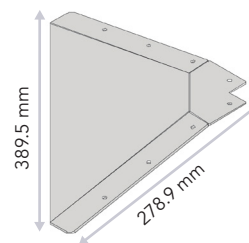
Aluminum

Rampholder aluminum



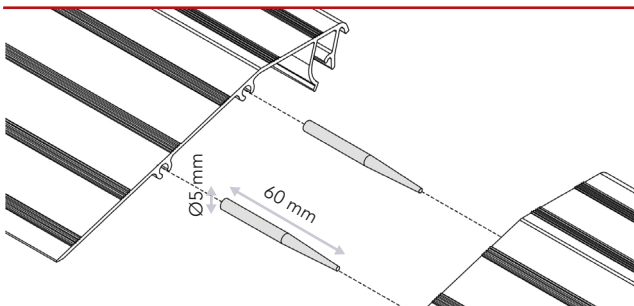
Aluminum

Cornerpiece



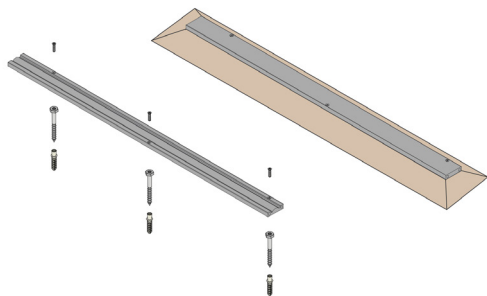
Steel, powder coated

Joining piece

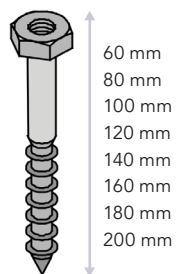


Steel

In-floor solution

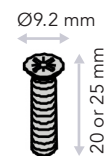


Rails anchor screw



Zinc plated

Railscrew



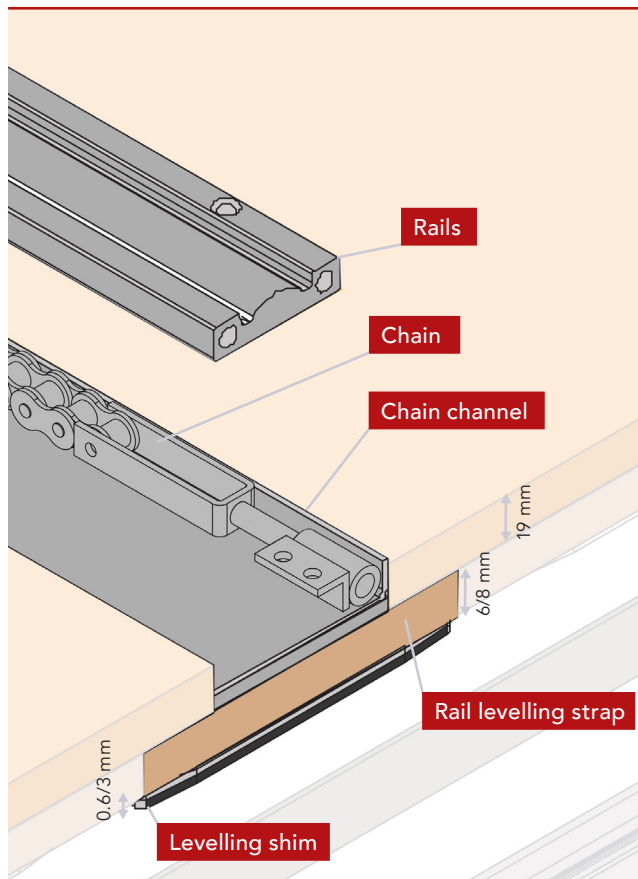
Head M5, zinc plated. Thread M6, zinc plated.

Plug

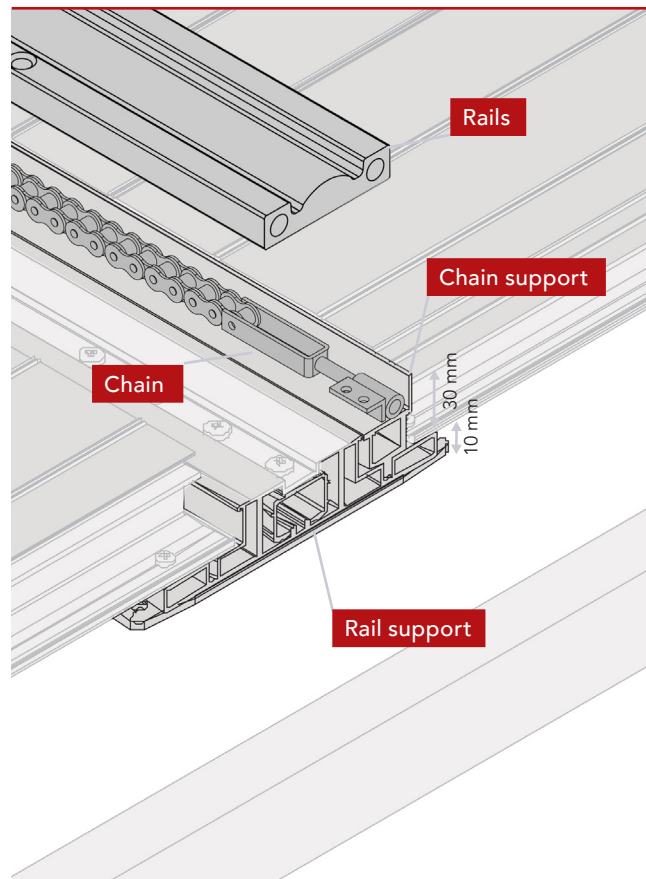


S12 or S14, plastic

Floor chipboard

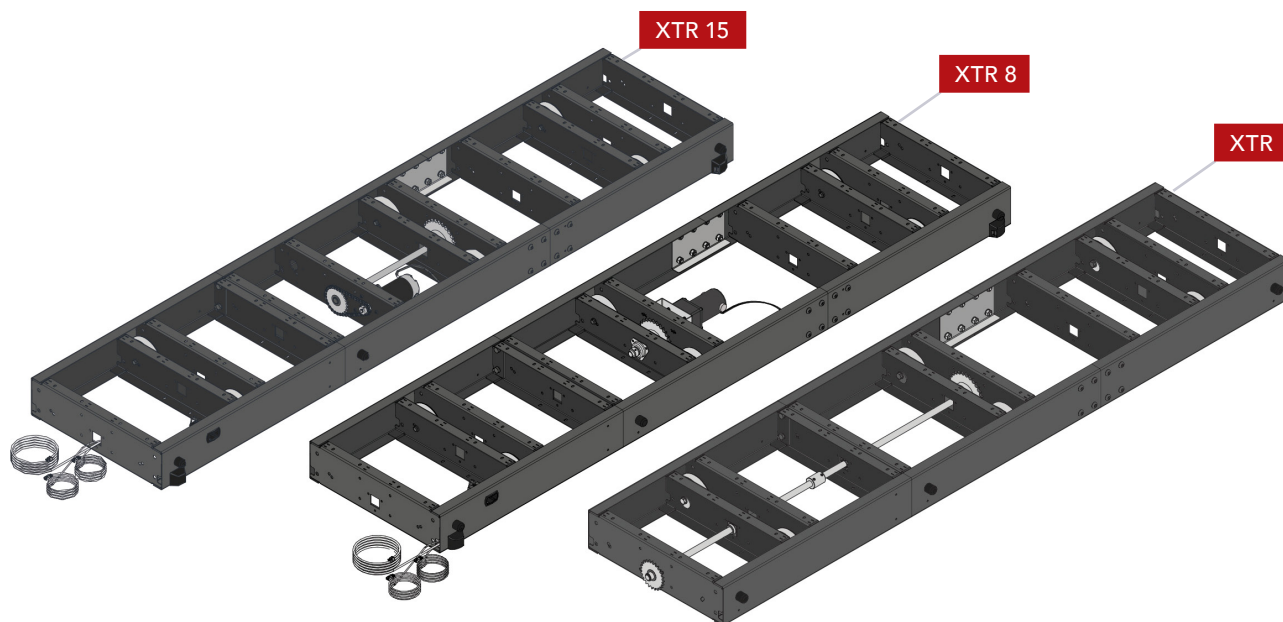


Floor aluminum

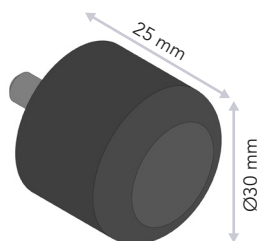


3 Bases

Base overview

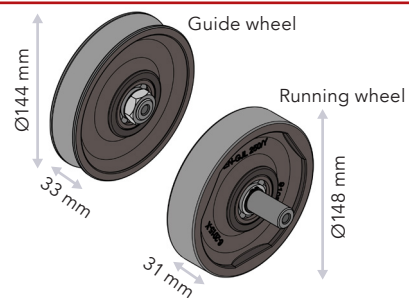


Buffer



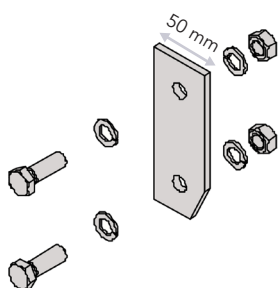
Black rubber

Running wheel and guide wheel



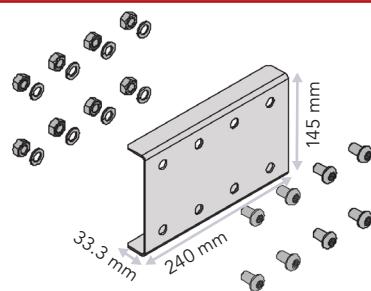
Steel

Crossbeam joint



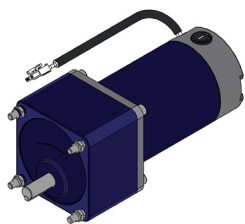
Steel (hot dip zinc), 4 mm thick.

Mainbeam joint



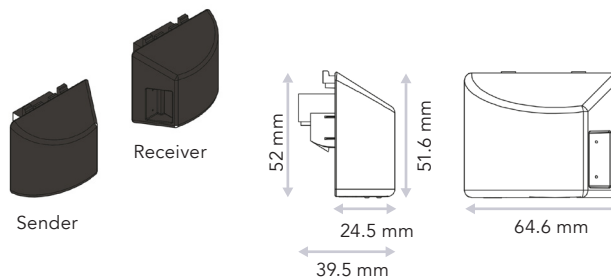
Steel (hot dip zinc)

Motor



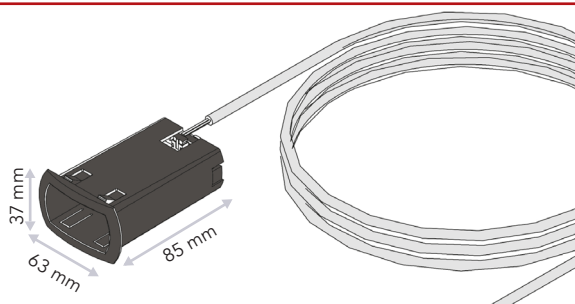
Motor:	XTR 15	XTR 8
Input voltage:	24 V DC	24 V DC
Motor rotation:	1650 RPM	1650 RPM
Gear ratio:	1:75	1:100
Output:	22 RPM, 40W	16.5 RPM, 40W

Infrared photocell



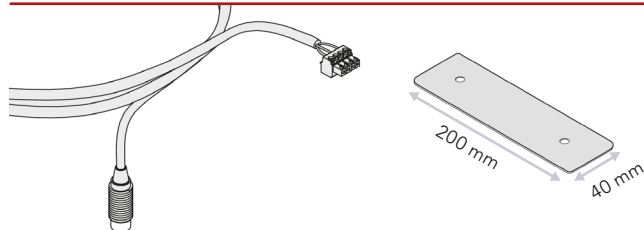
PC, RAL 9005

Distance sensor



ABS, RAL 9005 Measuring distance 10 to 25 cm. IRED

Floor sensor

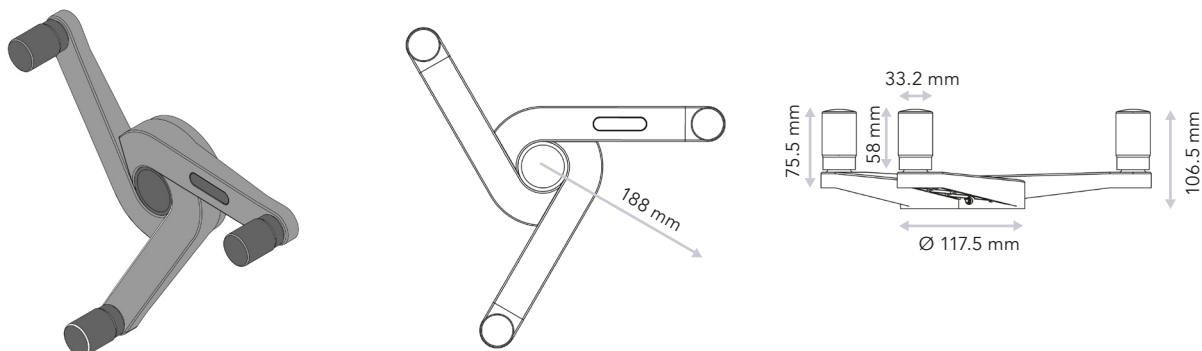


Detection plate: Anodised aluminum

Used to stop a mobile with an open end.

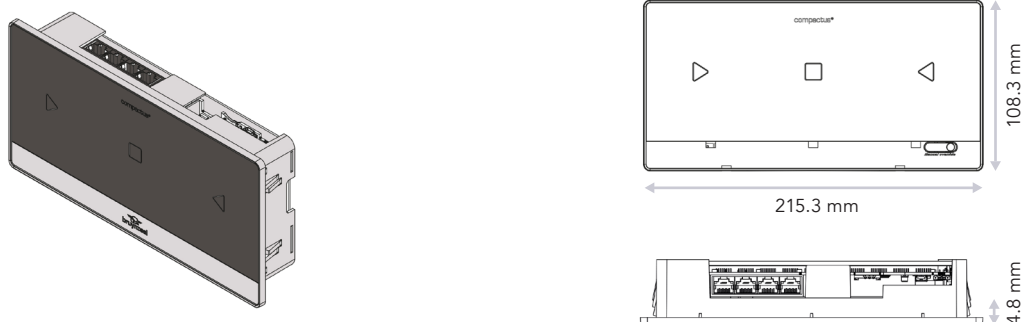
4 Drive systems

Original XTR – Handcrank



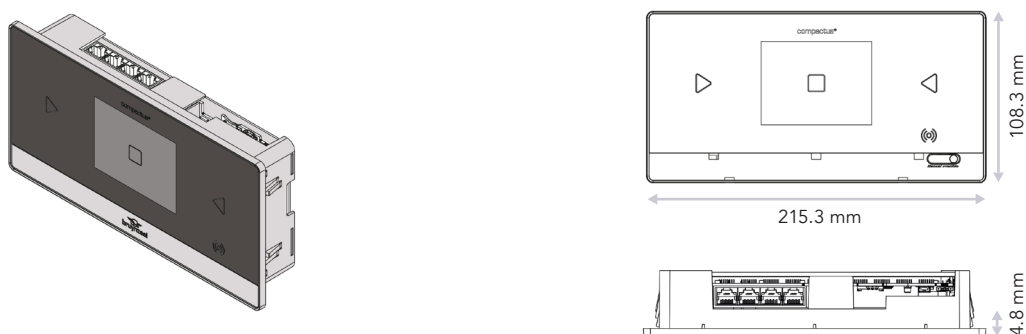
Body: PA6, aluminum. Centre: RAL 7015. Knob: RAL 7024.

Dynamic XTR – Operation panel

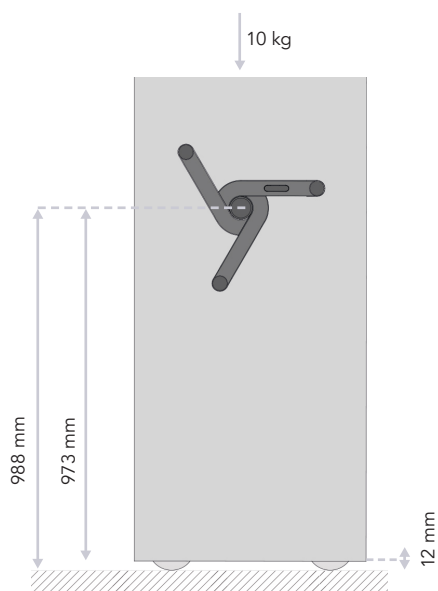


Housing: ABS, RAL 9022. Display: High gloss black.

Dynamic Pro XTR – Operation panel



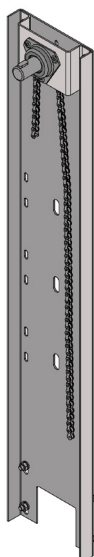
Housing: ABS, RAL 9022. Display: High gloss black.



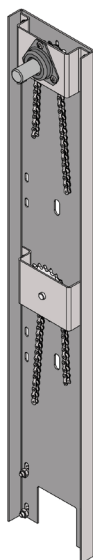
Block load

Compactus Original XTR M1	12.500 kg
Compactus Original XTR M2	25.000 kg
Compactus Original XTR M3	35.000 kg

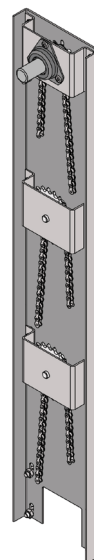
Single reduction



Double reduction



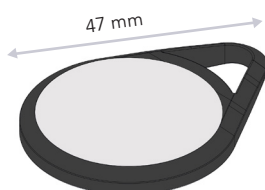
Triple reduction



Dynamic + Dynamic Pro

Power supply	Input main voltage	Output voltage	Output power
RSP-320-27	115V AC max. 4A, 230V AC max. 2A	27V DC	320W, max. 12A

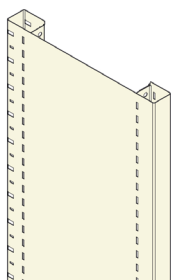
Access tag



Plastic (ABS), black

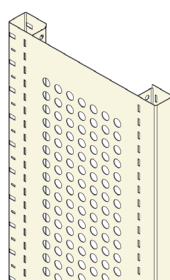
5 Sysco® - Uprights

Closed upright



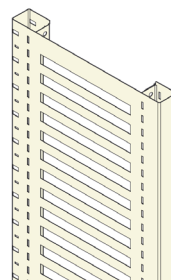
Normal upright. Shelves or other filing accessories can be installed on both sides of the upright.

Perforated upright



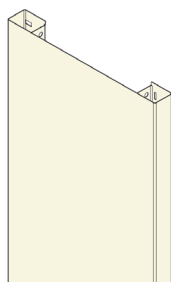
This perforated upright offers the possibility to install shelves and other filing accessories on both sides of the upright. Upright is perforated with circular holes (Ø 12 mm).

Slotted upright



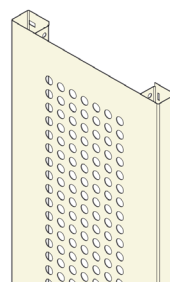
This slotted upright offers the possibility to install shelves and other filing accessories on both sides of the upright.

End upright



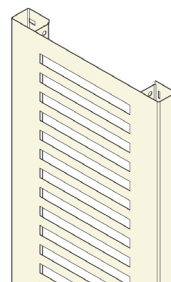
This version can be used as last upright at the sides of a system and also functions as finishing. Only on the inner side of the upright, shelves or other filing accessories can be installed.

Perforated end upright



This perforated (circular holes Ø 12 mm) upright can be used as last upright at the sides of a system. The uprights also function as finishing. Only on the inner side of the upright, shelves or other filing accessories can be installed.

Slotted end upright

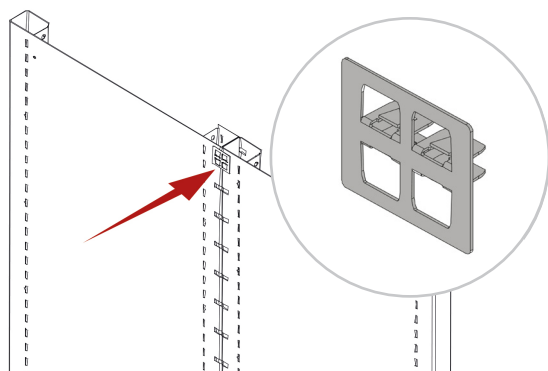


This slotted (rectangular holes 20 mm high, width dependent on depth upright) upright can be used as last upright at the sides of a system. The uprights also function as finishing. Only on the inner side of the upright, shelves or other filing accessories can be installed.

Depth (mm)	ND = 200, 250, 270, 300, 320, 350, 370, 390, 400, 450. Every 6th hole for the shelf support bracket has an indicator point. Other depths on request.
Lenght (mm)	30 (width of post)
Height (mm)	All heights from NH 914 to 2994 mm (slotted to 2514 mm) with steps of 40 mm are available on request.
Colour	Grey white, RAL 9002. For optional colours refer to the main colour chart.
Material	Steel, 0.63 mm thick. Except 450mm = 0.75mm

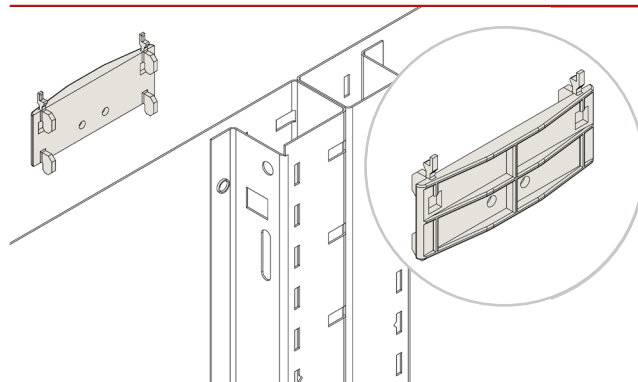
Sysco® - Uprights connection

Upright connection clip



Depth (mm)	7.9
Height (mm)	25
Width (mm)	27.5
Material	Stainless steel

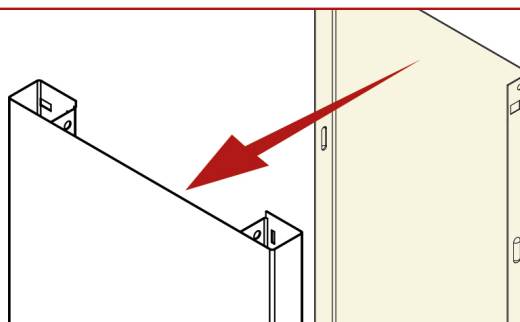
Upright connection plate



Depth (mm)	11
Height (mm)	36.5
Width (mm)	68
Material	PA6 colour: Grey white, RAL 9002

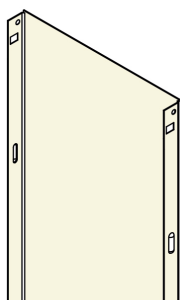
Sysco® - Infill panels

Infill panel

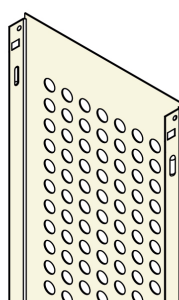


Depth (mm)	(ND-72) 158, 178, 198, 228, 248, 278, 298, 318, 328, 378. Other depths on special request.
Length (mm)	25 (width of flange) These fit into the 30 mm width of the post.
Height (mm)	Matching the upright.
Colour	Grey white, RAL 9002. For optional colours refer to the main colour chart.
Material	Steel, 0.63 mm thick

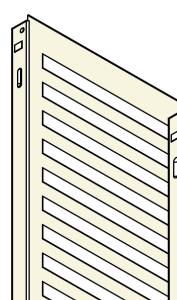
Closed



Perforated

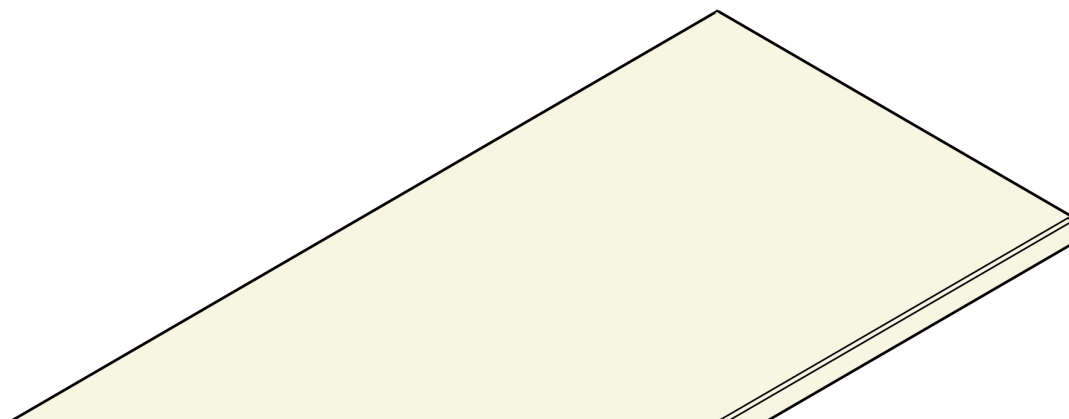


Slotted



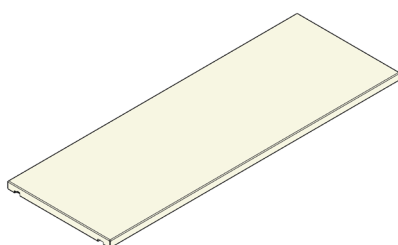
Sysco® - Shelves

Standard dimensions



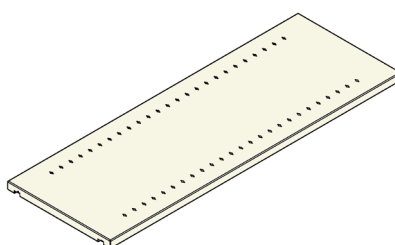
Depth (mm)	H=25: D=ND-6 194, 244, 264, 294, 314, 344, 364, 384, 394, 444. Other depths on request. H=33: D=ND-6 194, 244, 264, 294, 314, 344, 364, 384, 394, 444, 494, 594, 694, 794. Other depths on request.
Length (mm)	L = NL-30 770, 870, 970, 1070, 1170, 1220
Height (mm)	25 – 33
Colour	Grey white, RAL 9002. For optional colours refer to the main colour chart.

Plain shelf



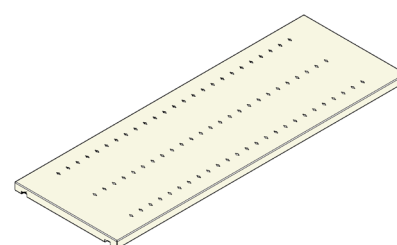
To store all kinds of documents and goods

Perforated shelf – 2 rows

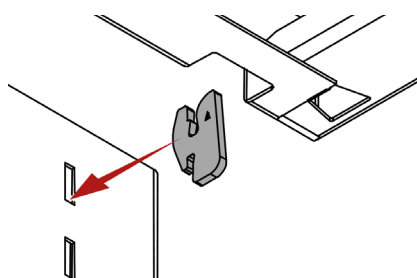


To divide a compartment in to a number of subcompartments using solid dividing bars or steel partition panels.

Perforated shelf – 3 rows



To divide a compartment in to a number of subcompartments using solid dividing bars. Can also be used for steel partition panels (then the middle perforated row is not used).

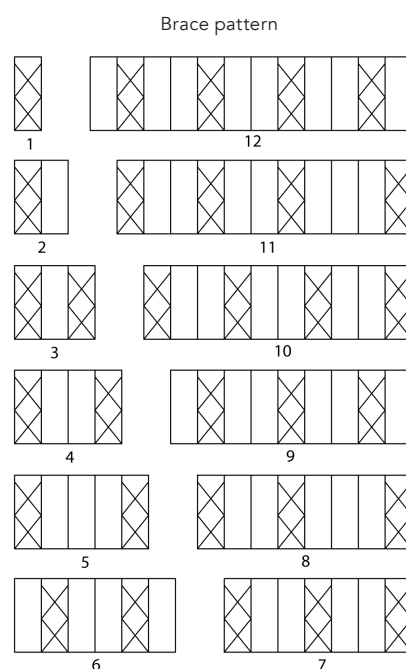
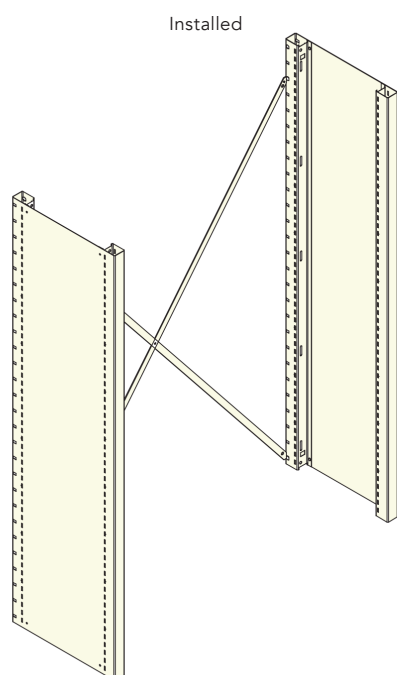


Shelf support bracket

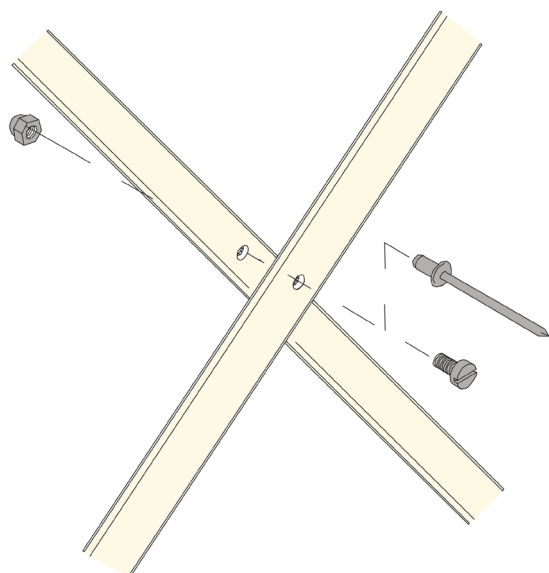
	For 25 mm	For 33 mm
Thickness (mm)	2	2
Height (mm)	18	22
Width (mm)	14.4	14.6
Material	Zinc plated steel	Zinc plated steel

Sysco® - Crossbracing

Crossbracing overview

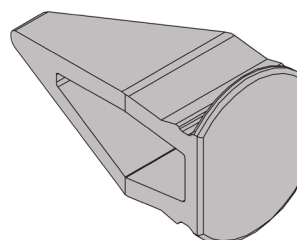


Crossbracing



Crossbracing is required for rigidity and stability of an individual bay as well as a complete run of a shelving system. A crossbracing consists of two diagonal struts which are hooked into the upright and connected in the middle by a blind rivet or a bolt and nut.

Security pin for crossbracing



Material

PA6

Colour

Light grey (RAL 7045)

Material

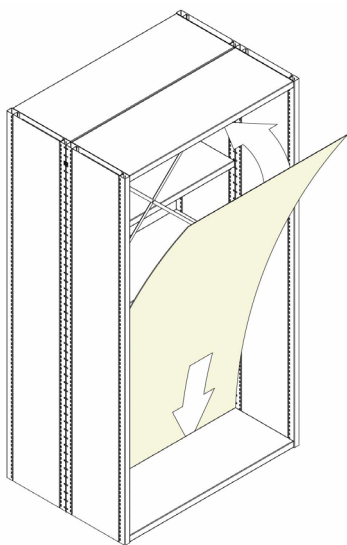
Steel 2 mm

Colour

Grey white, RAL 9002.

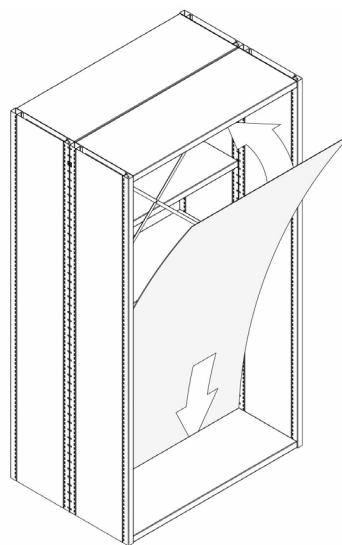
Sysco® - Middle panel

Steel loose panel



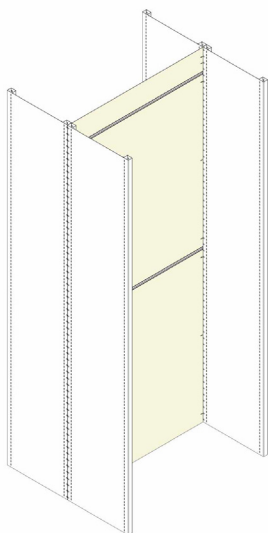
Material	Steel
Thickness	0.9 mm
Colour	Steel colour chart

Board MDF loose panel



Material	MDF board
Thickness	3 mm
Colour	White

Steel panel in parts with clips

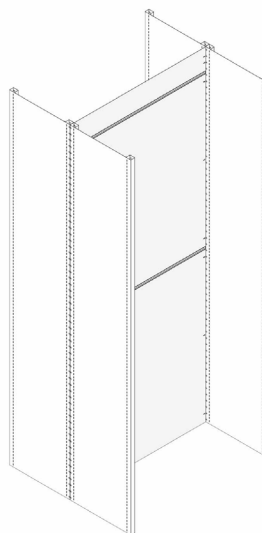


Middle panels close the middle of a shelving. They provide the system with rigidity and stability (replace cross bracing). The panels are fixed to the system using clips and blind rivets.

Material	Steel
Thickness	0.9 mm
Colour	Steel colour chart

Replaces cross bracing

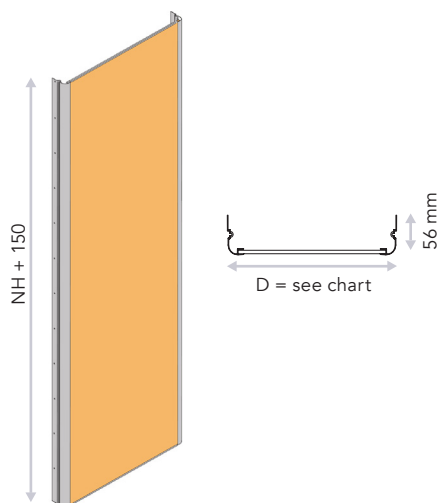
MDF board in parts with clips



Material	MDF board
Thickness	3 mm
Colour	White

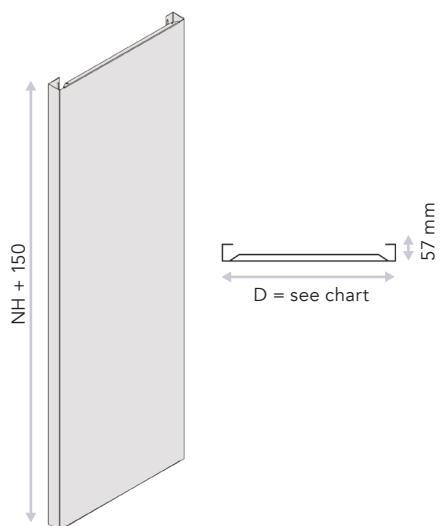
Does NOT replace cross bracing

6 Front finish



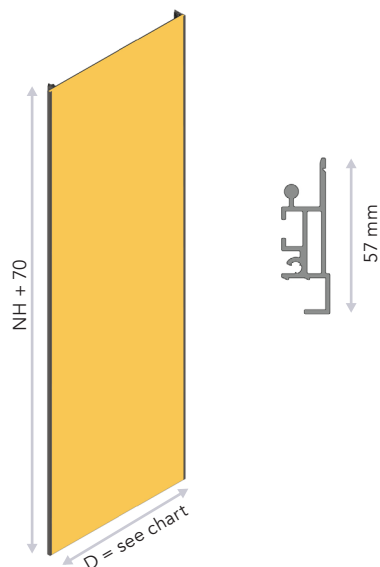
902 Monoform

Material	10 mm monoform
Depth	ND
With backpanel	ND
With sliding doors	ND + 100
With sliding doors (both sides)	ND + 200
With sliding doors + back panel	ND + 100
Depth aluminium profile	81.5 mm
Height	Upright height + 150
Colour	M01, optional colour chart



903 Steel

Material	0.9 mm steel
Depth	ND
With backpanel	ND
With sliding doors	ND + 100
With sliding doors (both sides)	ND + 200
With sliding doors + back panel	ND + 100
Length	57 mm
Height	Upright height + 150
Colour	RAL 9002, optional colour chart

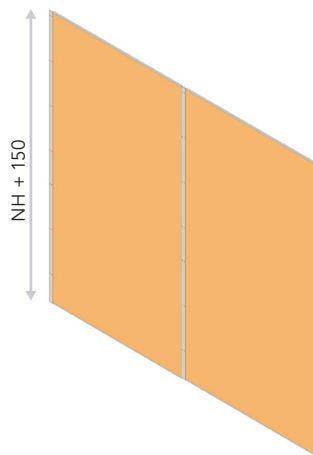


907

	Monoform	Glass
Material	10 mm chipboard	6 mm glass
Depth	ND - 1	ND - 4
With backpanel	ND + 21	ND + 18
With sliding doors	ND + 99	ND + 96
With sliding doors (both sides)	ND + 199	ND + 196
With sliding doors + back panel	ND + 121	ND + 118
Length	57 mm	
Height	Upright height + 150	
Colour	M01, optional colour chart	V076, optional colour chart

7 Back finish

902 Monoform

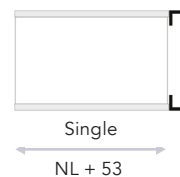
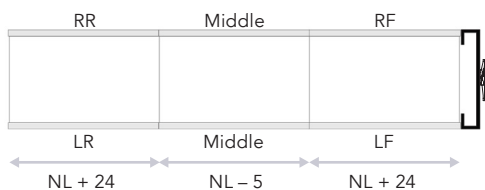
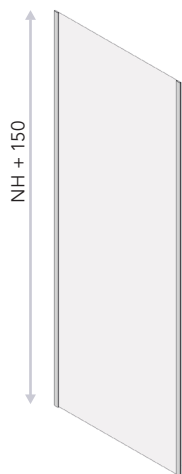


Monoform 10 mm thick

904 Steel

Multiple sections

One section



Material

Powdercoated steel

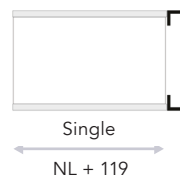
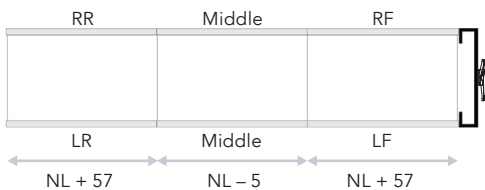
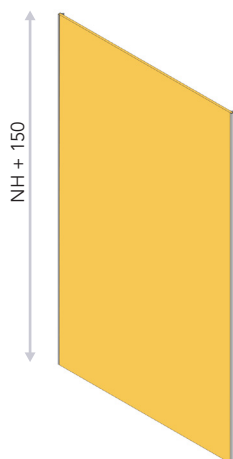
Thickness

0.9 mm

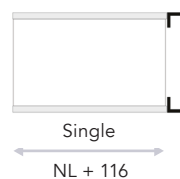
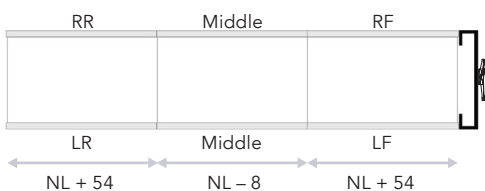
907 Monoform or glass

Multiple sections

One section



Monoform



Glass

Material

Melaminated chipboard

Safety glass

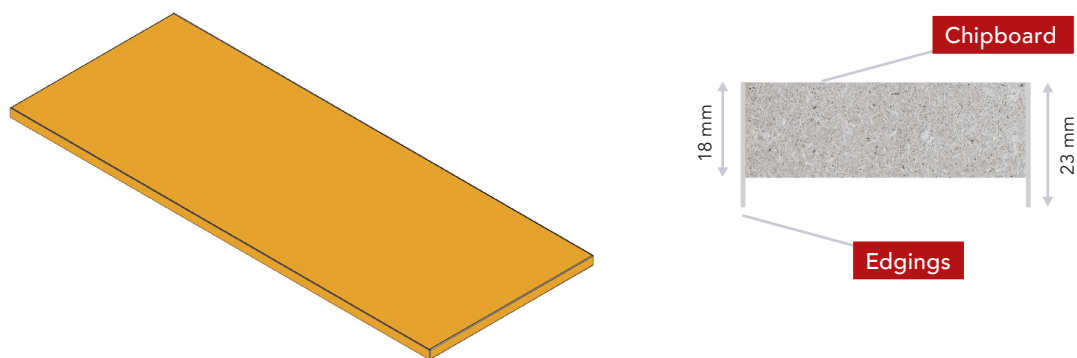
Thickness

10 mm

6 mm

8 Top finish

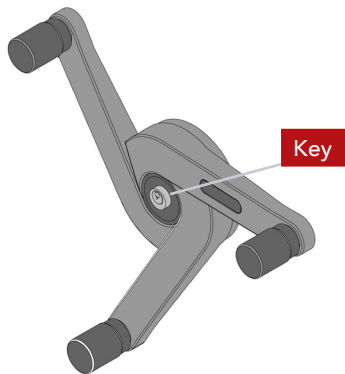
Top finish laminated



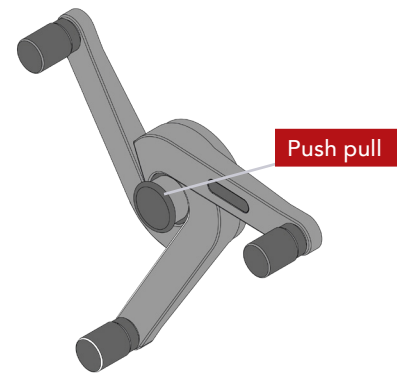
Compatible with	903, 907. One part per section.
Material	Chipboard, 18 mm, with 23 mm edgings

Locking

Lock in drive-unit

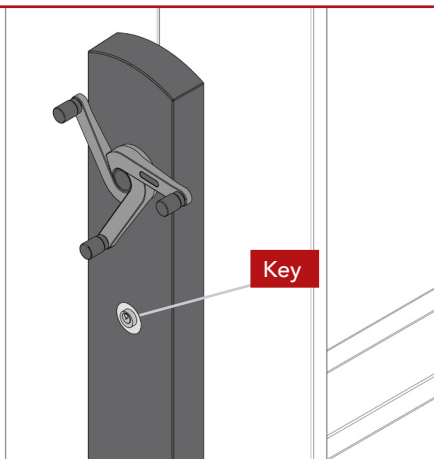


Aisle lock in drive-unit

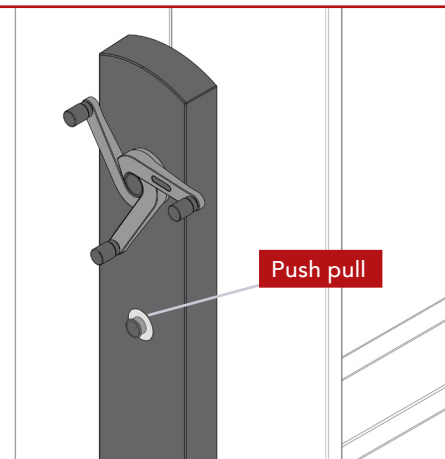


PA6, colour centre: RAL 7015.

Lock in reduction unit

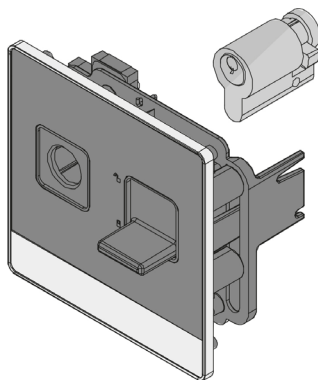


Aisle lock in reduction unit



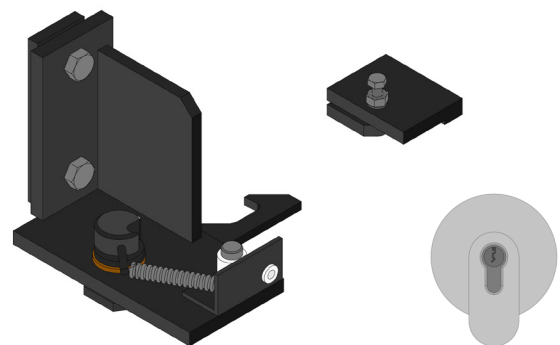
Plastic, colour: black

Eurolock 3 Floorlock



ABS, colour: black.
*available in eurocylinder and KABA cylinder.

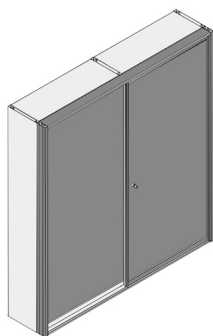
Eurolock 1 Interlock



PA6, colour: dark grey, RAL7015.

Doors

Sliding doors (2 doors)



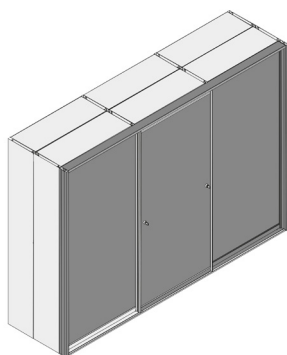
Available in monoform, glass or steel.

Rollerfront doors



PP, colour: aluminum.

Sliding doors (3 doors)



Available in monoform, glass or steel.



* By adding sliding doors, the width of the base will increase by 100 mm per sliding door.