

Compactus® Double Decker XTR

Technical Datasheet



Version: 3.0
Product: Compactus® Double Decker XTR
Year: 2020
Completed by: GH, DD

Compactus® Double Decker XTR

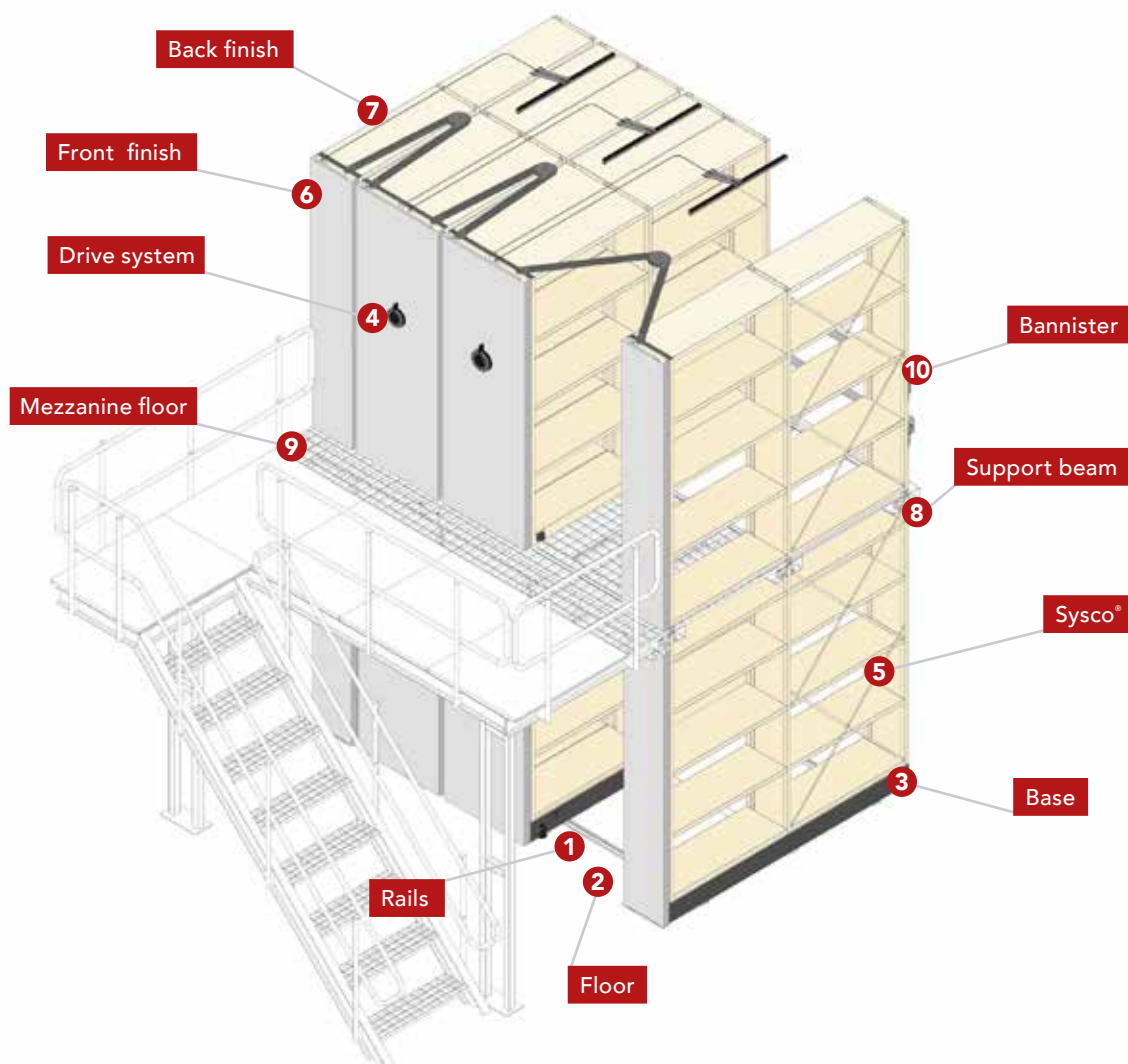
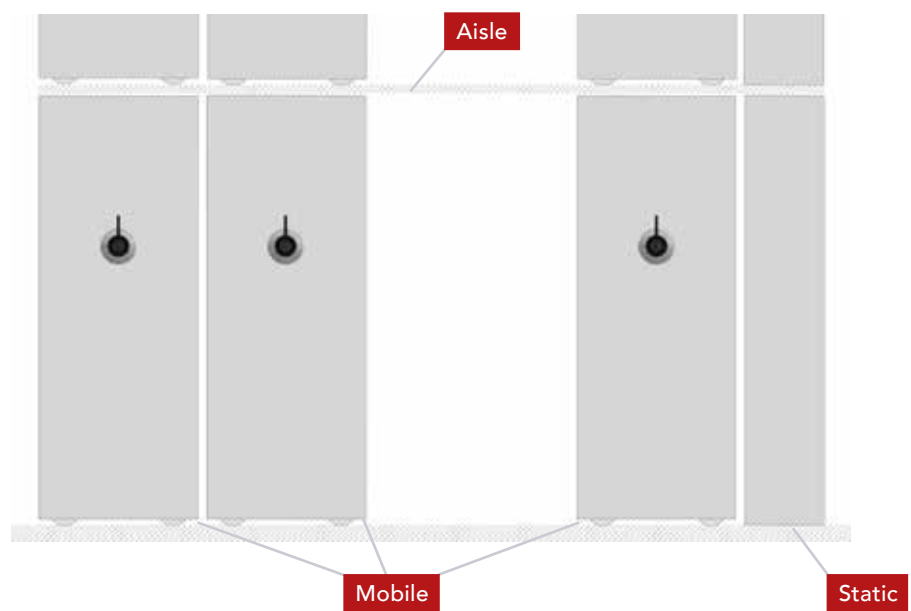
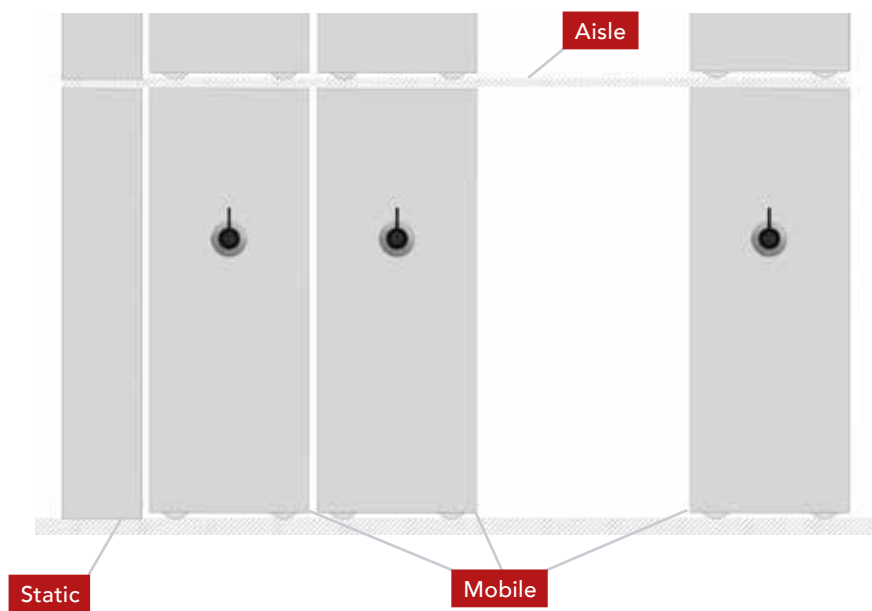
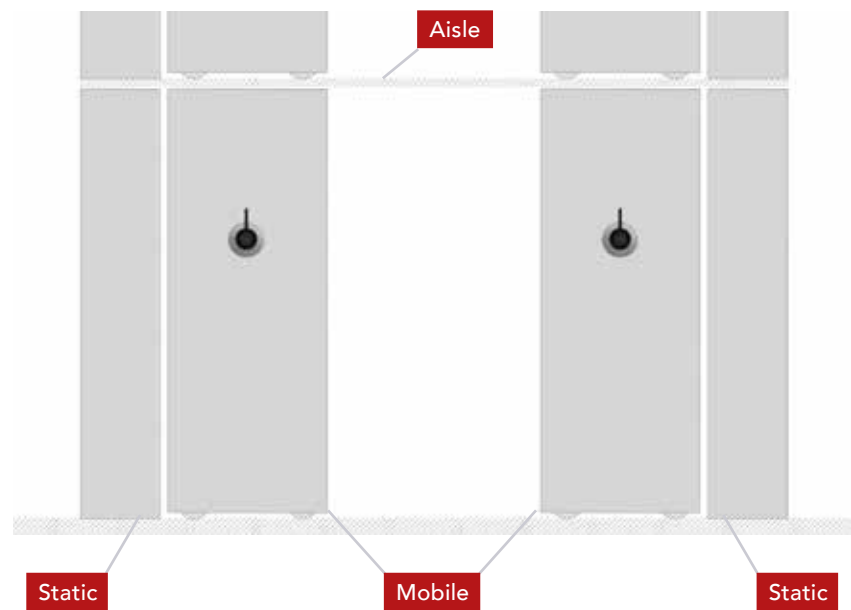


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Principle



Drive systems

Dynamic II



XTR-15

- Electronical user interface, operated by handle or touch screen
- Intelligent user interface on every cabinet
- Movable base weight: 15.000 kg
- Number of mobile bases: 21

Specifications XTR-15

- Maximum load per base: 15000 kg.
- Maximum length: 12 sections.
- Maximum number of cabinets: 21; Minimum number of cabinets: 1.
- Movement speed: ± 4.5 m/min.
- Maximum load per section: 800 kg.
- Output socket: 230 VAC/16A.
- System power output: 48 V DC, 500 Watt, max. 10.5 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: 400 mm.
- Distance sensors
- Blockage detection (Motor Current Monitoring System - MCMS)
- Dedicated internal Wifi connection, or cabled version

Extra

- Photocells
- Aisle lighting
- Access control
- Ventilation mode
- Fire park
- Visual safety
- Battery backup

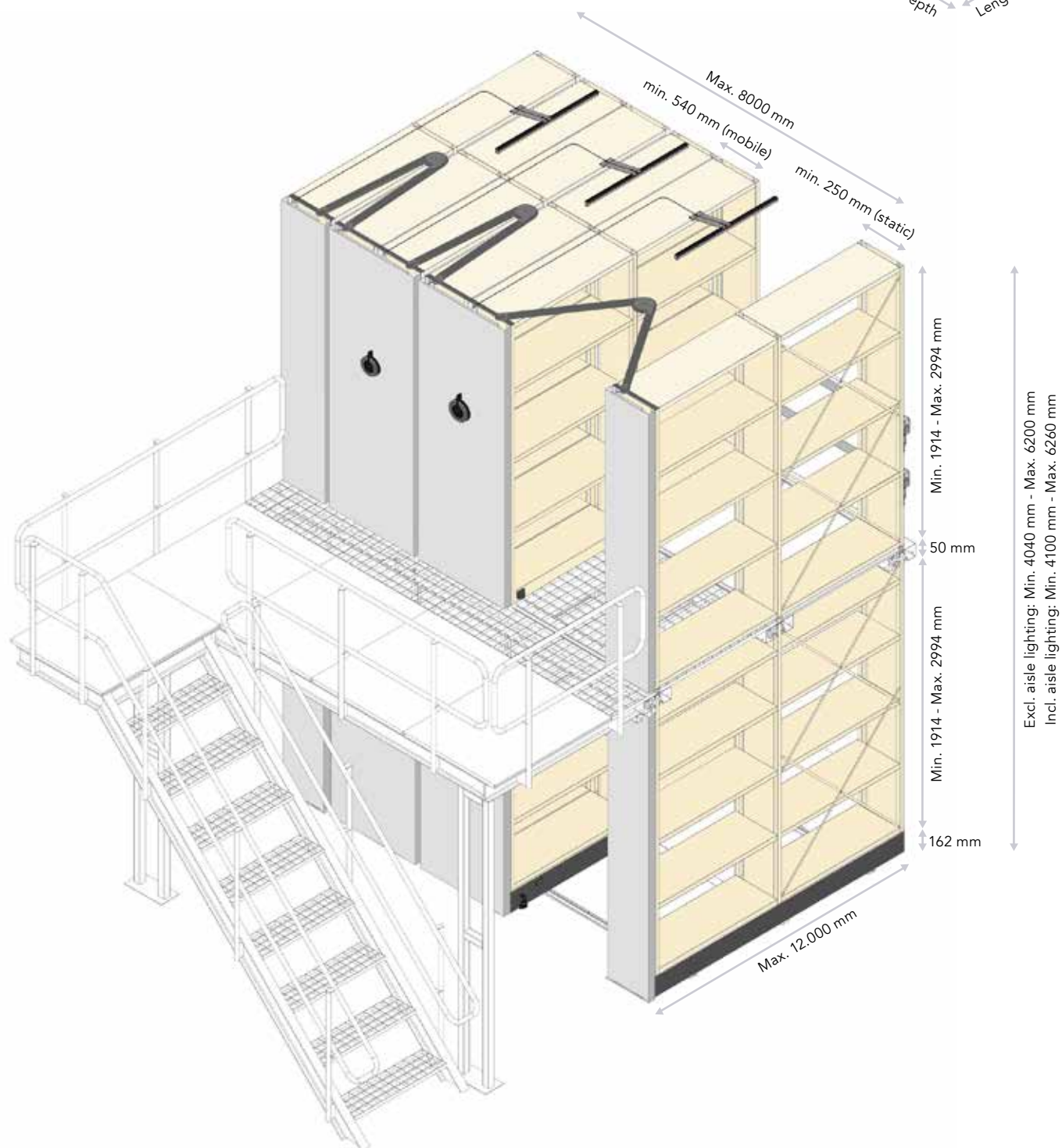
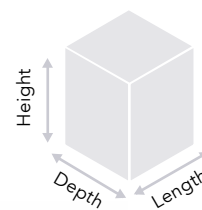
Dynamic II App



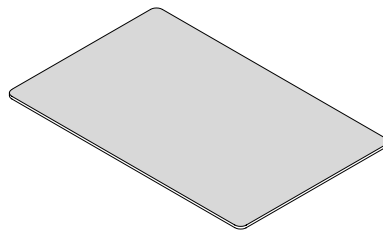
Configurable features and settings

- Pincode and RFID configurable by cabinet
- Aisle configuration
- Aisle lighting
- System updates
- Library mode
- Energy saving mode
- Ventilation mode
- System settings
- Access control
- Distance calibration
- Visual safety
- System diagnosis
- Request system support
- Acoustic alarm

Dimensions min. + max.



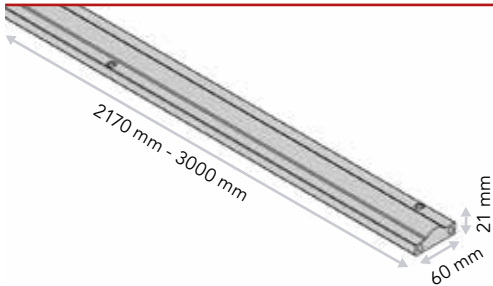
Want to learn more?
bruynzeel-storage.com



Standard: Compliant with ISO18092 (NFC), ISO14443A and B, ISO 4 15963, and ISO 18000-3 mode 1 (passive RF-ID tags).
Optional: Compatible with MIFARE 12 and LEGIC. Connectable via USB.

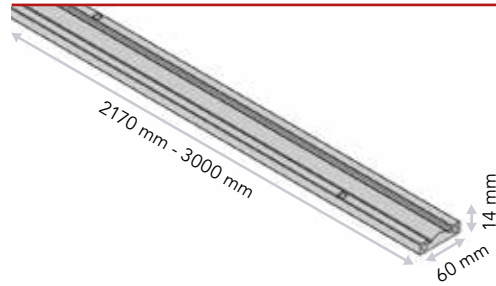
1 Rails

Standard



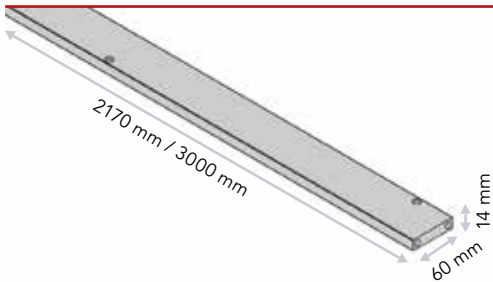
Cold rolled steel, electro zinc.

Inco



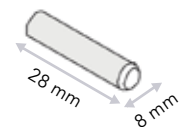
Cold rolled steel, electro zinc.

Running rail



Cold rolled steel, electro zinc.

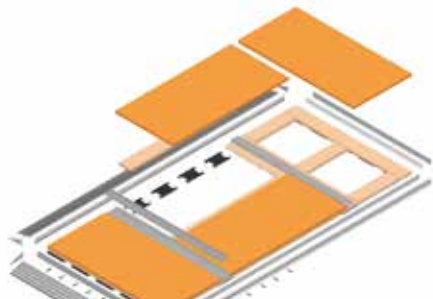
Dowel pin



Steel

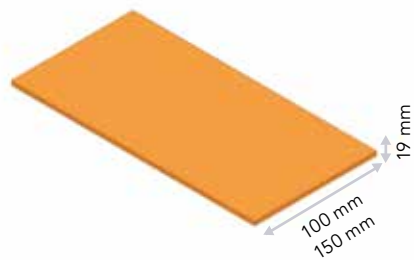
2 Floor

Chipboard floor with ramp



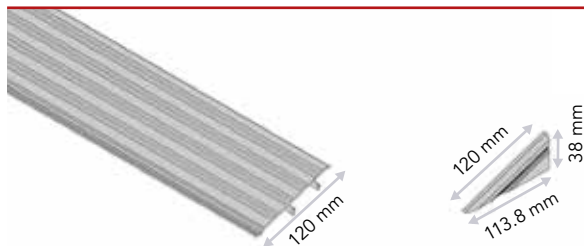
Max. height total floor and shims: 50 mm

Chipboard



Chipboard 19 mm

Ramp + end piece



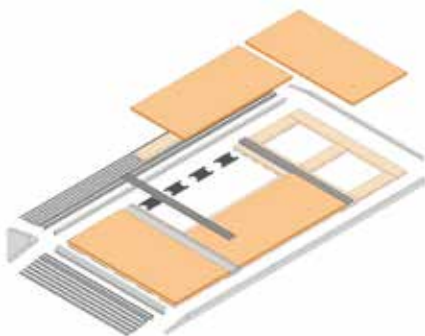
Aluminum

Plinth

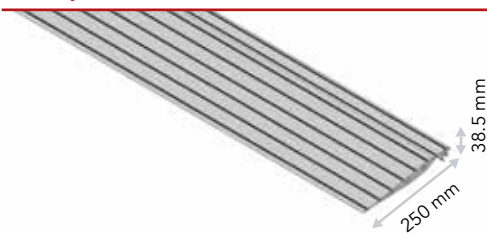


Aluminum

Chipboard floor with ramp 250



Ramp 250



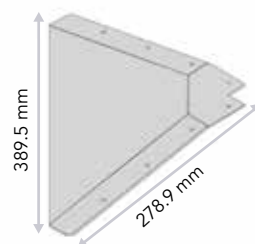
Aluminum

Rampholder



Aluminum

Cornerpiece

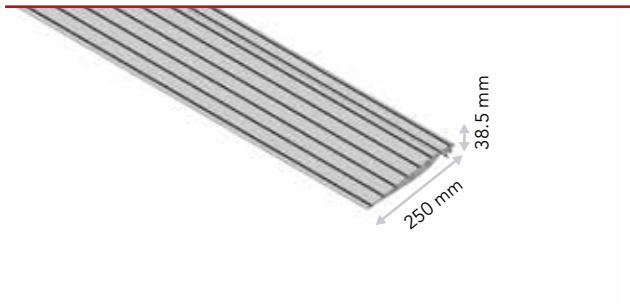


Steel, powder coated

Aluminum floor with ramp 250

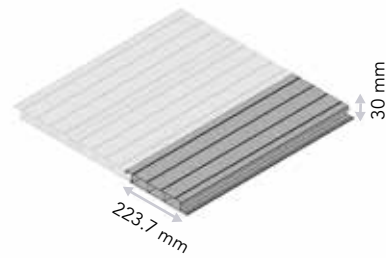


Ramp 250



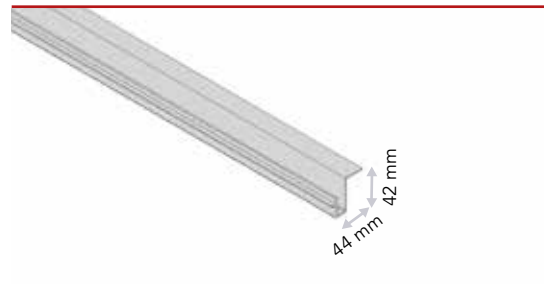
Aluminum

Floorpanel



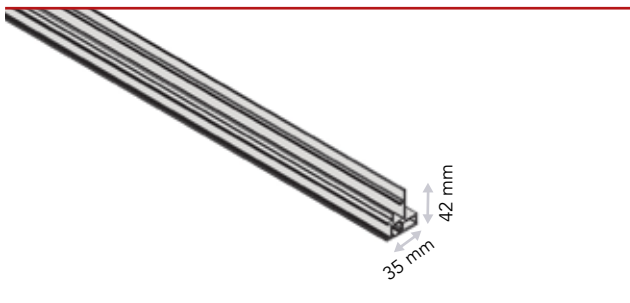
Untreated or anodised aluminum

Rampholder



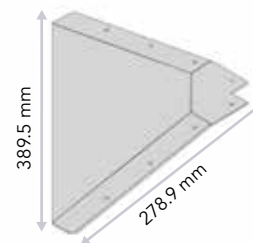
Aluminum

Rampholder aluminum



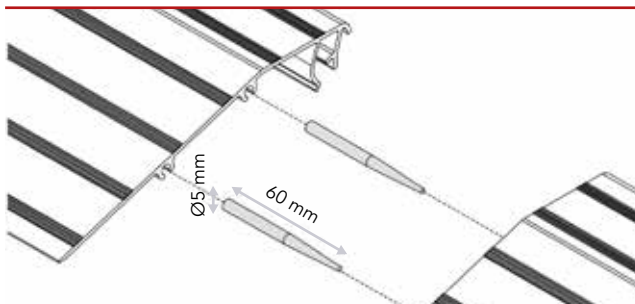
Aluminum

Cornerpiece



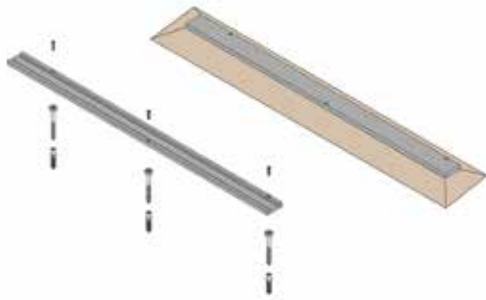
Steel, powder coated

Joining piece

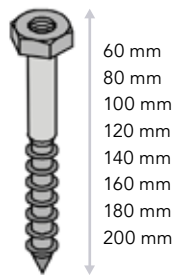


Steel

In-floor solution

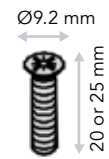


Rails anchor screw



Zinc plated

Railscrew



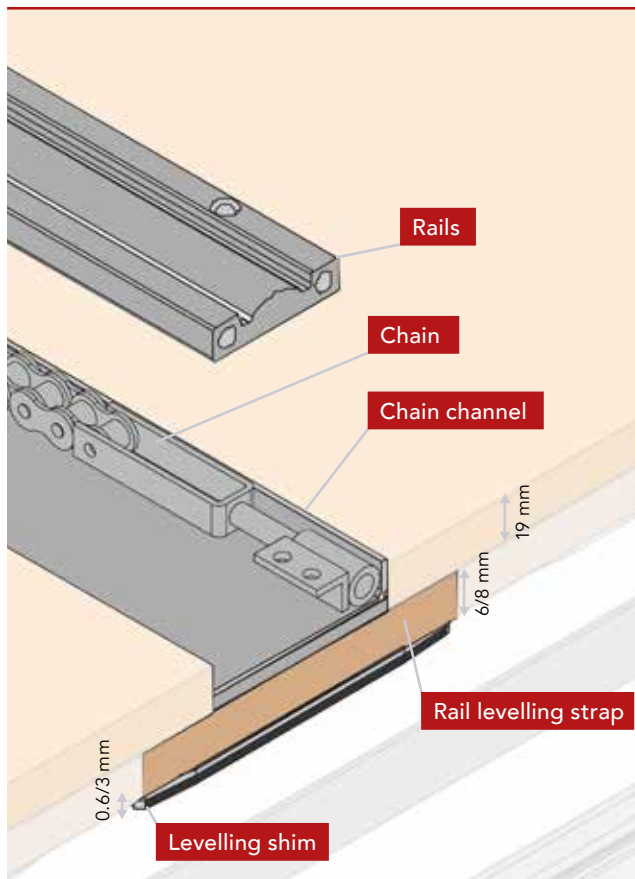
Head M5, zinc plated. Thread M6, zinc plated.

Plug

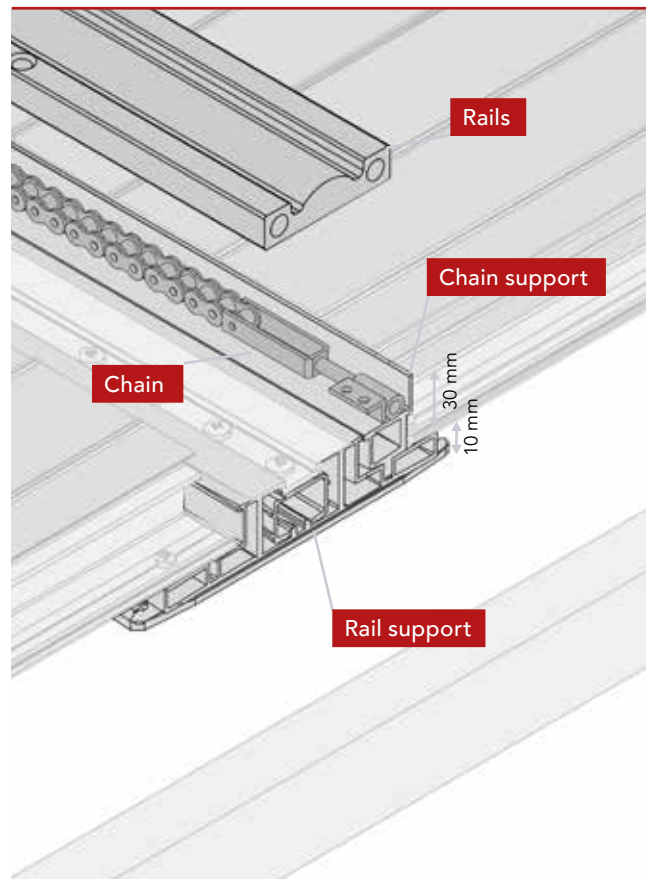


S12 or S14, plastic

Floor chipboard



Floor aluminum

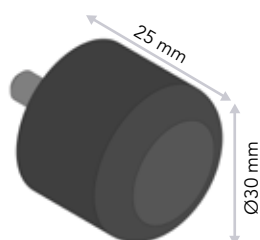


3 Bases

Base overview



Buffer



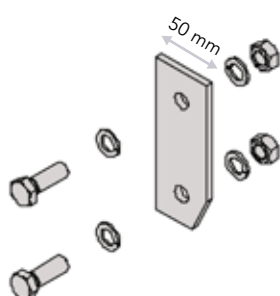
Black rubber

Running wheel and guide wheel



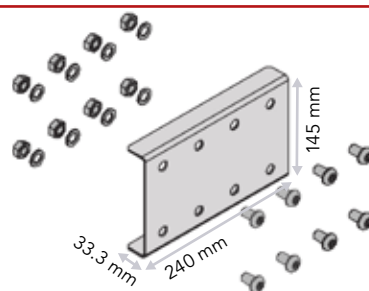
Steel

Crossbeam joint



Steel (hot dip zinc), 4 mm thick.

Mainbeam joint



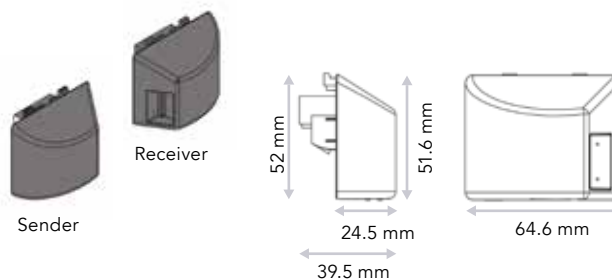
Steel (hot dip zinc)

Motor



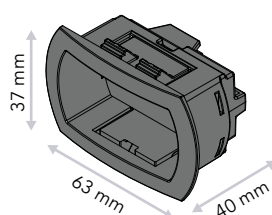
Motor:	XTR 15
Input voltage:	24 V DC
Motor rotation:	1650 RPM
Gear ratio:	1:75
Output:	22 RPM, 40W

Infrared photocell



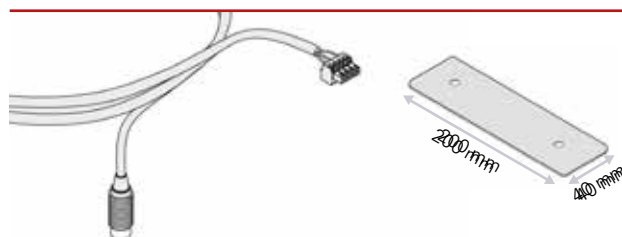
PC, RAL 9005

Distance sensor



PC-ABS: black.

Floor sensor



Detection plate: Anodised aluminum

Used to stop a mobile with an open end.



See our references:

bruynzeel-storage.com/global/case-studies

4 Drive systems

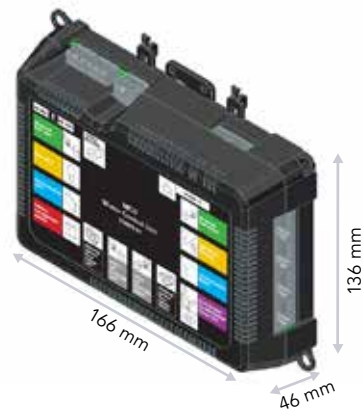
Dynamic II – User Interface



Housing: PC-ABS, black.

Contains an RF-ID interface.

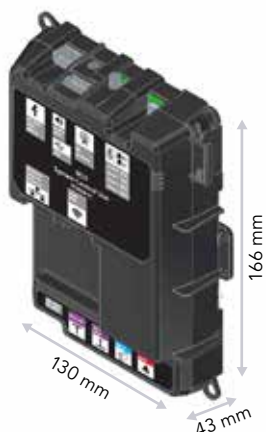
Motor control unit (MCU)



PC-ABS, black.

1 MCU needed for each mobile.

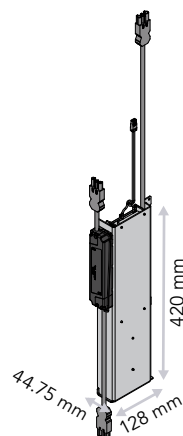
System control unit (SCU)



PC-ABS, black.

1 SCU per installation.

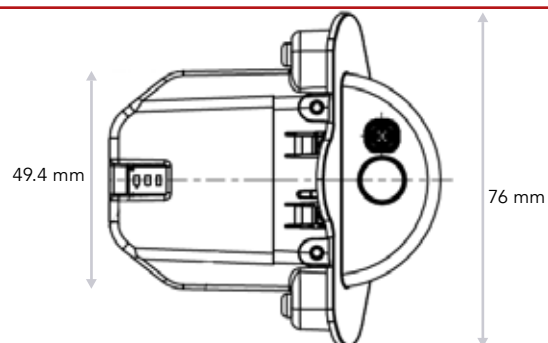
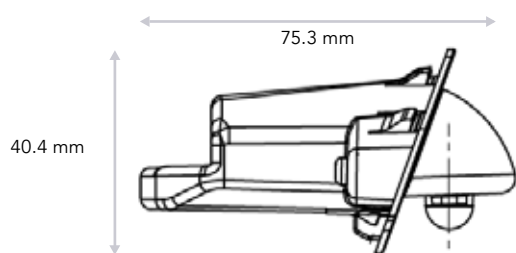
Power supply



Housing: aluminium. Cover: aluminium, 2 mm thick.

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

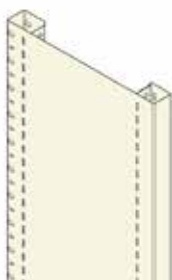
Vision Unit



PC-ABS, black

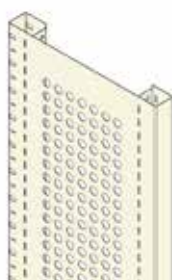
5 Sysco® - Uprights

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



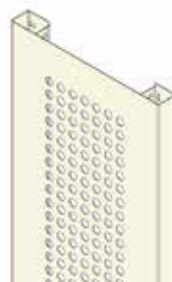
This slotted upright offers the possibility to install shelves and other filing accessories on both sides of the upright.

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



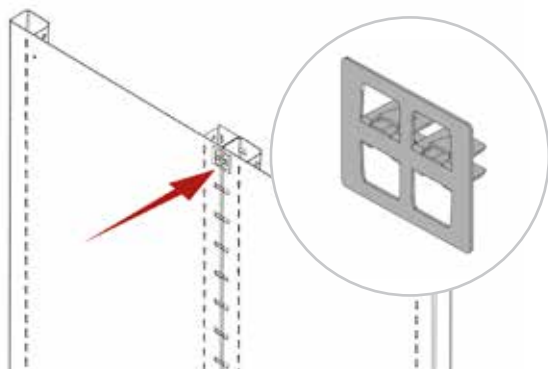
This slotted (rectangular holes 20 mm high, width dependent on depth upright) upright can be used as last upright at the sides of a system. The uprights also function as finishing. Only on the inner side of the upright, shelves or other filing accessories can be installed.

Power supply

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

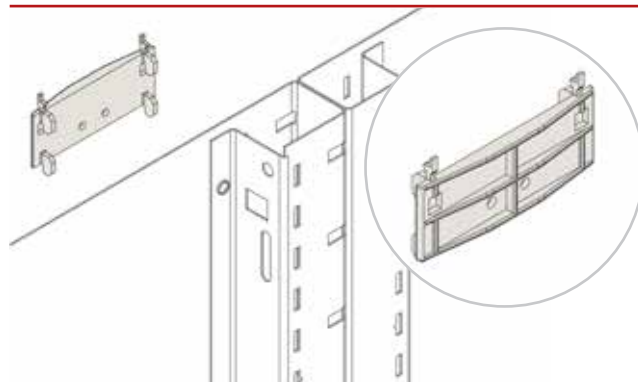
Sysco® - Uprights connection

Upright connection clip



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

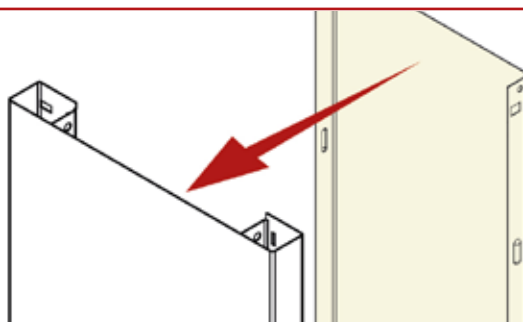
Upright connection plate



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

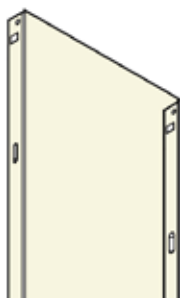
Sysco® - Infill panels

Infill panel

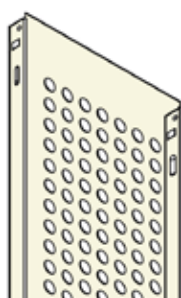


Depth (mm)	(ND-72) 158, 178, 198, 228, 248, 278, 298, 318, 328, 378. Other depths on special request.
Lenght (mm)	25 (width of flange) These fit into the 30 mm width of the post.
Height (mm)	Matching the upright.
Colour	Grey white, RAL 9002. For optional colours refer to the main colour chart.
Material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

Closed



Perforated

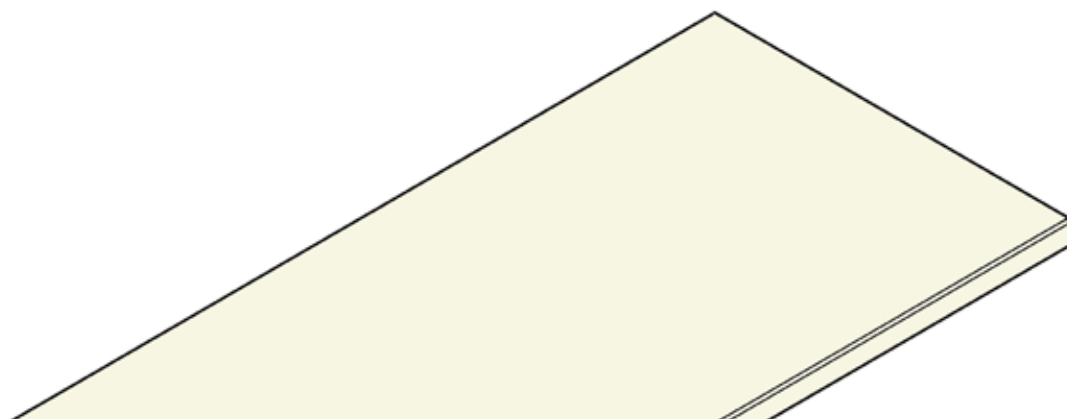


Slotted



Sysco® - Shelves

Standard dimensions



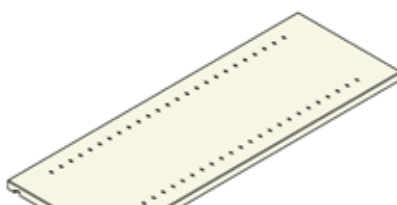
Depth (mm)	H=25: D=ND-6 194, 244, 264, 294, 314, 344, 364, 384, 394, 444. Other depths on request. H=33: D=ND-6 194, 244, 264, 294, 314, 344, 364, 384, 394, 444, 494, 594, 694, 794. Other depths on request.
Lenght (mm)	L = NL-30 770, 870, 970, 1070, 1170, 1220
Height (mm)	25 – 33
Colour	Grey white, RAL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

Plain shelf



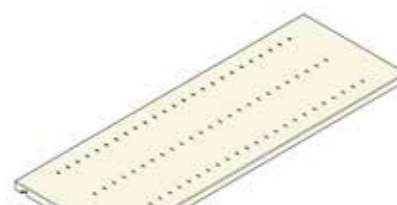
To store all kinds of documents and goods

Perforated shelf – 2 rows

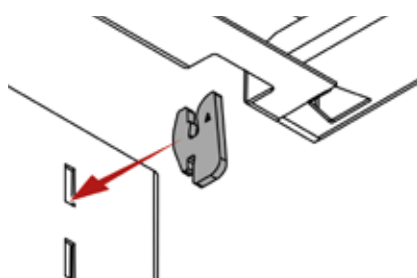


To divide a compartment in to a number of subcompartments using solid dividing bars or steel partition panels.

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).

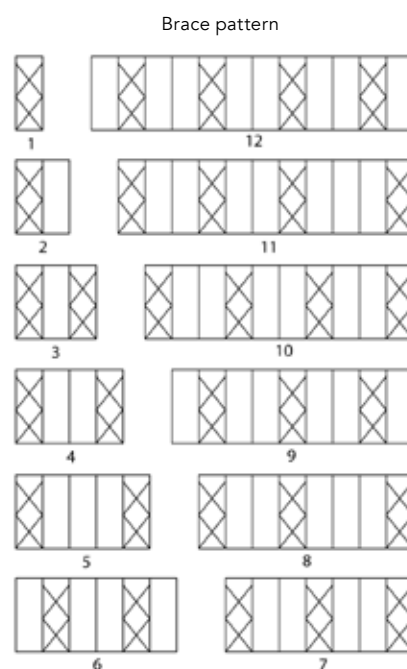
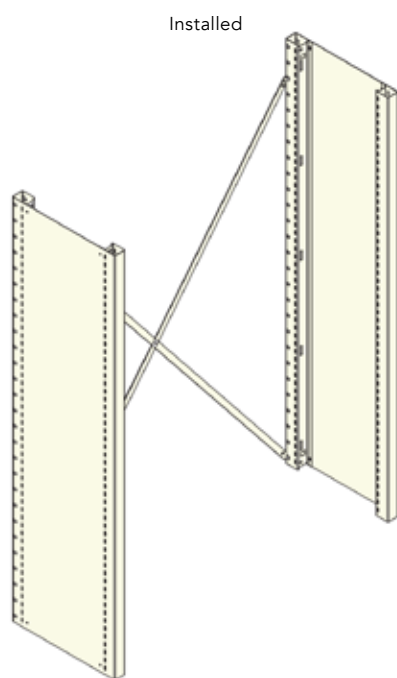


Shelf support bracket

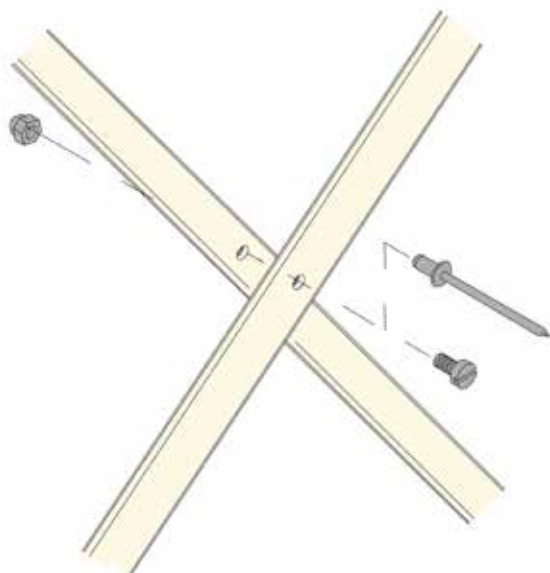
	For 25 mm	For 33 mm
Thickness (mm)	2	2
Height (mm)	18	22
Width (mm)	14.4	14.6
Material	Zinc plated steel	Zinc plated steel

Sysco® - Crossbracing

Crossbracing overview



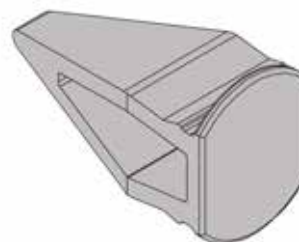
Crossbracing



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.

Material	Steel 2 mm
Colour	Grey white, RAL 9002.

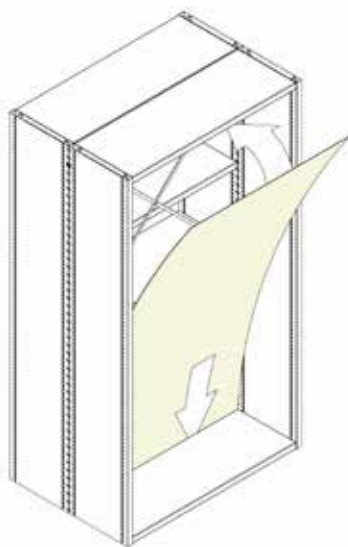
Security pin for crossbracing



Material	PA6
Colour	Light grey (RAL 7045)

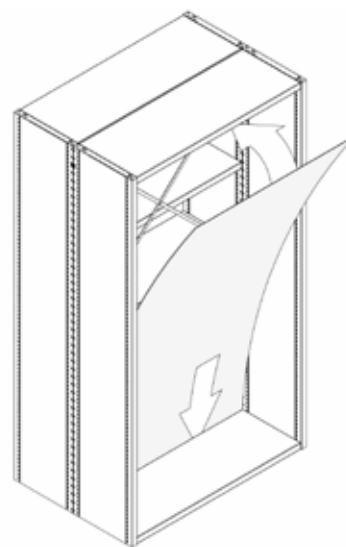
Sysco® - Middle panel

Steel loose panel



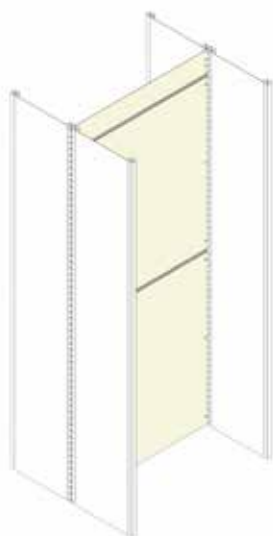
Material	Steel
Thickness	0.9 mm
Colour	Steel colour chart

Board MDF loose panel



Material	MDF board
Thickness	3 mm
Colour	White

Steel panel in parts with clips

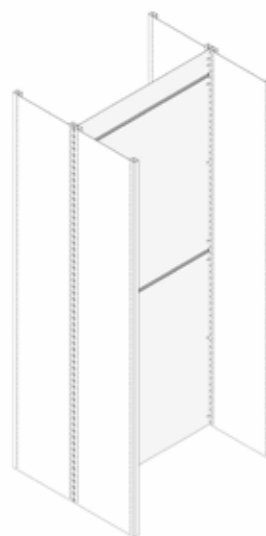


Middle panels close the middle of a shelving. They provide the system with rigidity and stability (replace cross bracing). The panels are fixed to the system using clips and blind rivets.

Material	Steel
Thickness	0.9 mm
Colour	Steel colour chart

Replaces cross bracing

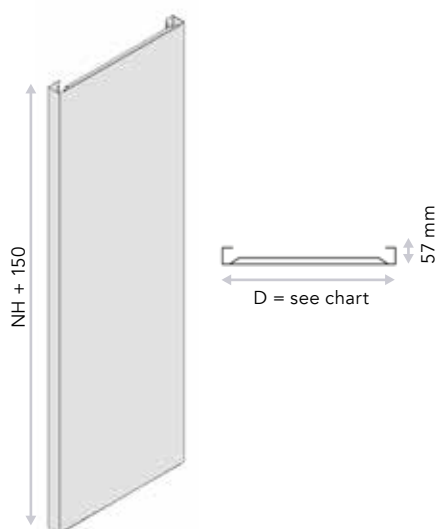
MDF board in parts with clips



Material	MDF board
Thickness	3 mm
Colour	White

Does NOT replace cross bracing

6 Front finish



903 Steel

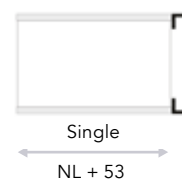
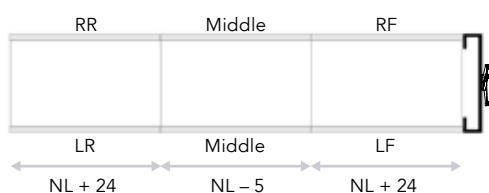
Material	0.9 mm steel
Depth	ND
With backpanel	ND
With sliding doors	ND + 100
With sliding doors (both sides)	ND + 200
With sliding doors + back panel	ND + 120
Length	57 mm
Height	Upright height + 150
Colour	RAL 9002, optional colour chart

7 Back finish

904 Steel

Multiple sections

One section



Material	Powdercoated steel
Thickness	0.9 mm



Contact us!

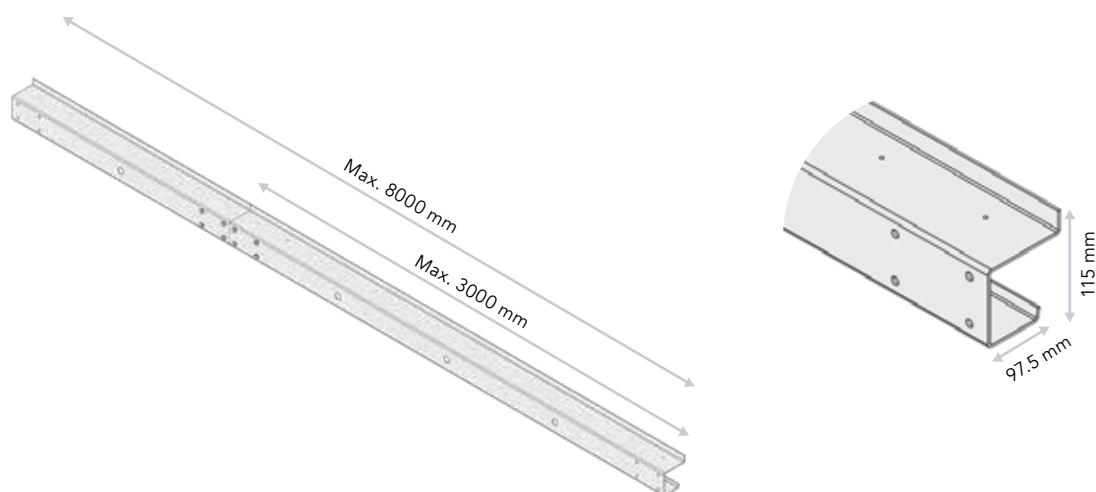
bruynzeel-storage.com/global/contact

8 Support beam

Support beam overview



Support beam



Galvanised steel

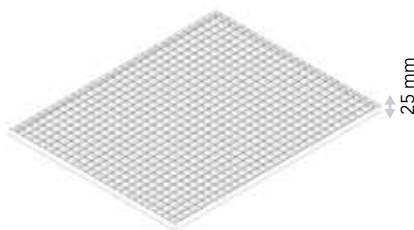
9 Mezzanine floor

Wooden floor



Birch plywood, Brown

Grid floor



Galvanized steel

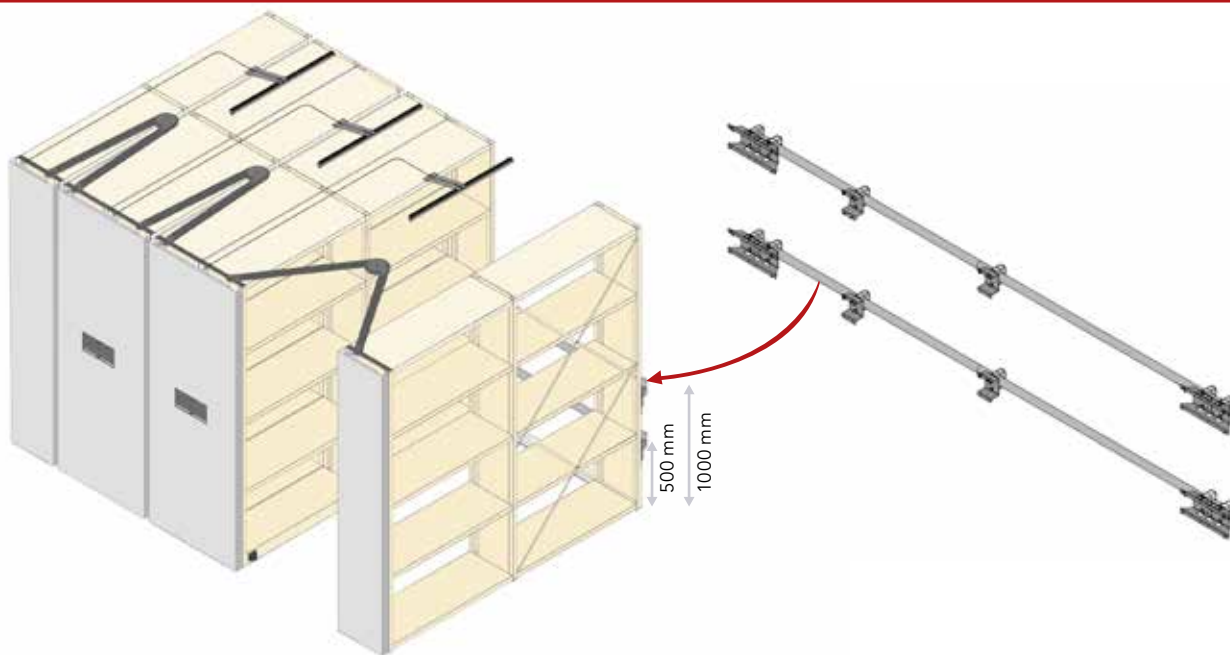
Aluminum floor



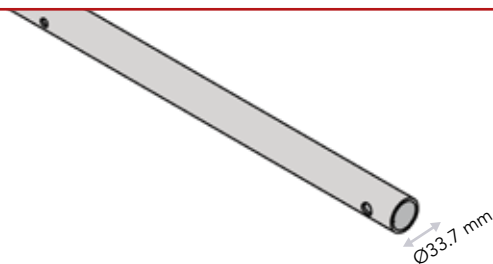
(Anodised) aluminium

10 Bannister

Bannister overview

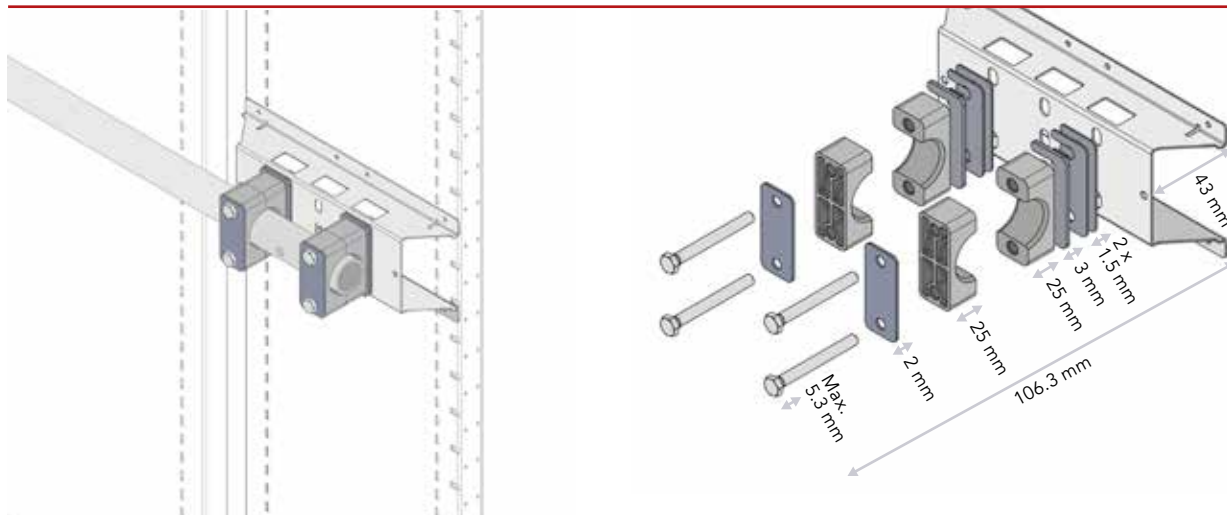


Tube sliding bannister



Galvanised steel

Bannister protrusion



Galvanised steel/plastic

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