

COMBUS

Technical information

www.millarwest.co.uk



Other documents available for this product

Ordering guidelines for COMBUS cabinets & shelving

10 year Warranty

See Warranty statement



Technical information

Types

- Shelving unit – modular configurations (1)
- Planter shelf unit – ready-made configurations (2)
- Shelving unit for mounting on cabinets – ready-made configurations (3)

1



2



3



Shelving unit

Frame

- 25x25 mm welded metal tube;
- Bottom part is made of bended sheet metal, 350x25x150 mm;
- Powder coated metal;
- Plastic feet with height levelling (+10 mm);
- Metal frame construction is easy to assemble and disassemble;

Plinths

- 362x80x25 mm and 750x80x25 mm, bended sheet metal;
- Powder coated metal.

Connecting component

- For shelves combination connection;
- 95x95 mm metal plates, made of 1,5 mm steel.

Fixing components

- Fittings for fixing to the floor (included in the package);
- Set of fittings for mounting to the wall (order separately);
- Counterweight (order separately), made of 25 mm MFC (melamine) with 0,5 mm ABS edging;
- For more details about fixing types and the right selection of them, please read additional information.

Shelves (1)

- 25 mm MFC (melamine) with 2 mm ABS edging;
- Load capacity for 362 mm width– 20 kg;
- Load capacity for 750 mm width– 25 kg.

Shelf box (2)

- 25 mm MFC (melamine) with 2 mm ABS edging;
- Available with open or closed back;
- Load capacity for 362 mm width– 20 kg;
- Load capacity for 750 mm width– 25 kg.

Planter box (3)

- 25 mm MFC (melamine) with 2 mm ABS edging;
- Load capacity for 362 mm width– 20 kg;
- Load capacity for 750 mm width– 25 kg.

Cabinet with drawer (4)

- Top and bottom are made of 25 mm MFC (melamine) with 2 mm ABS edging;
- Front, sides and back panel are made of 18 mm MFC (melamine) with 1 mm ABS edging;
- Drawer box made of 12 mm MFC (melamine) with 1 mm ABS edging;
- Soft closing function, partial extension with hidden slides;
- Opening with a handle;
- Handle made of metal sheet, powder coated;
- Load capacity – 20 kg.

1



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Planter shelf unit

Ready-made configurations

- Set of metal frame, planter box (1)
- Set of metal frame, 2 shelves, planter box (2)
- Set of metal frame, planter box, cabinet with drawer (3)
- Set of metal frame, 3 shelves, planter box (4)
- Set of metal frame, shelf, planter box, cabinet with drawer (5)

Frame

- 25x25 mm welded metal tube;
- Top frame metal connector 750x25x25 mm, welded metal tube;
- Bottom part is made of bended sheet metal, 350x25x150 mm;
- Powder coated metal;
- Plastic feet with height levelling (+10 mm);
- Metal frame construction is easy to assemble and disassemble.

Plinths

- 362x80x25 mm and 750x80x25 mm, bended sheet metal;
- Powder coated metal.

Connecting component

- For shelves combination connection;
- 95x95 mm - made of 1,5 mm steel.

Fixing components

- Fittings for fixing to the floor (included in the package);
- Set of fittings for mounting to the wall (order separately);
- Counterweight (order separately), made of 25 mm MFC (melamine) with 0,5 mm ABS edging;
- For more details about fixing types and the right selection of them, please read additional information.

Shelves

- 25 mm MFC (melamine) with 2 mm ABS edging;
- Load capacity for 362 mm width – 20 kg;
- Load capacity for 750 mm width – 25 kg.

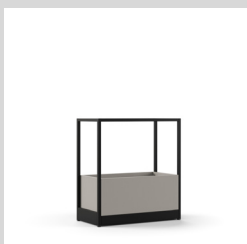
Planter box

- 25 mm MFC (melamine) with 2 mm ABS edging;
- Available in two sizes: 750x400x300 mm and 750x400x150 mm;
- Load capacity for 362 mm width – 20 kg;
- Load capacity for 750 mm width – 25 kg.

Cabinet with drawer

- Top and bottom 25 mm MFC (melamine) with 2 mm ABS edging;
- Front, sides and back panel are made of 18 mm MFC (melamine) with 1 mm ABS edging;
- Drawer box made of 12 mm MFC (melamine) with 1 mm ABS edging;
- Soft closing function, partial extension with hidden slides;
- Opening with a handle;
- Handle made of metal sheet, powder coated.
- Load capacity – 20 kg.

1



2



3



4



5



Shelving unit for mounting on cabinets

Ready-made configurations

- Four different 2H combinations (1)
- Six different 3H combinations (2)
- Six different 4H combinations (3)

Frame

- 25x25 mm welded metal tube;
- Bottom part is made of welded sheet metal, 350x25x105 mm;
- Powder coated;
- Metal frame construction is easy to assemble and disassemble.

Shelves

- 25 mm MFC (melamine) with 2 mm ABS edging;
- Load capacity for 362 mm width – 20 kg;
- Load capacity for 750 mm width – 25 kg.

Shelf box

- 25 mm MFC (melamine) with 2 mm ABS edging;
- Available with open or closed back;
- Load capacity for 362 mm width – 20 kg;
- Load capacity for 750 mm width – 25 kg.

Planter box

- 25 mm MFC (melamine) with 2 mm ABS edging;
- Load capacity for 362 mm width – 20 kg;
- Load capacity for 750 mm width – 25 kg.

Fixing components

- Fittings for fixing on the cabinet (included in the package);
- Set of fittings for mounting to the wall (order separately);
- For more details about fixing types and the right selection of them, please read additional information.

1



2



3



Accessories (optional)

Back panel (1)

- 25 mm MFC (melamine) with 2 mm ABS edging;
- Tool-free installation.

PET felt back panel (2)

- 4 mm plywood covered with 9 mm PET fibreboard from both sides;
- Tool-free installation.

Perforated metal sheet back panel (3)

- 1 mm metal sheet with perforated Ø8 mm holes;
- The edges are welded with metal profile;
- Powder coated metal;
- Tool-free installation.

Metal planter box (4)

- 1 mm welded sheet metal;
- Powder coated metal;
- Two sizes: 360x407x160 mm and 748x407x160 mm;
- Placed on the shelves.

Screen holder (5)

- Screen holder base is made from 1,5 mm powder coated metal sheet;
- VESA plate is made of 2 mm powder coated metal sheet;
- VESA standard – 75x75 mm, 100x100 mm, 200x200 mm, 300x300 mm;
- Recommended screen weight is up to 15 kg;
- Recommended screen size is up to 55”;
- Screws for screen fixing to VESA plate are not included.

Cable tray (6)

- 1 mm bended sheet metal – 1245x51x12 mm;
- Powder coated metal;
- Attached with two screws to the shelves above and with a metal pins under the plinth below.

Book-end (7)

- 1 mm bended sheet metal – 250x160x230 mm;
- Powder coated metal;
- For placing on the shelves.

Basket (8)

- 9 mm PET fibreboard;
- Binding screws, black painted or nickel-plated – 15 mm;
- Load capacity – 3 kg.

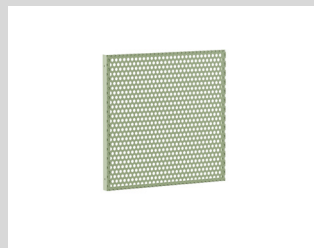
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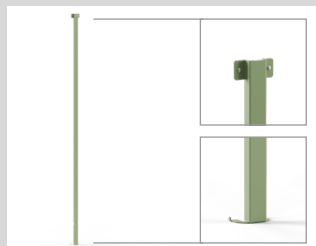
4



5



6



7



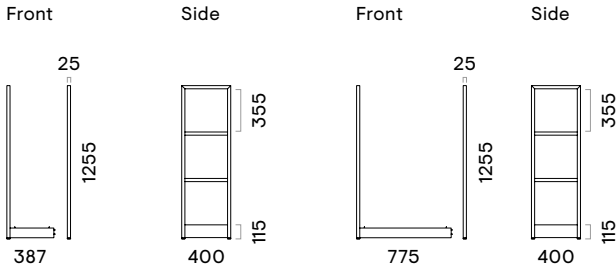
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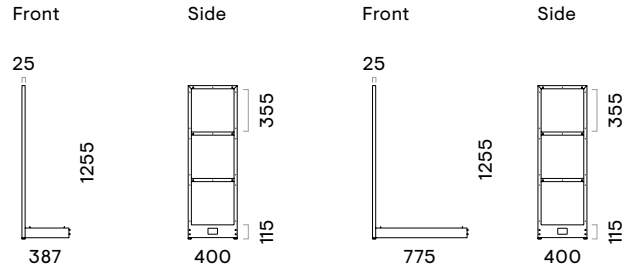
Range

Shelving units – modular configurations

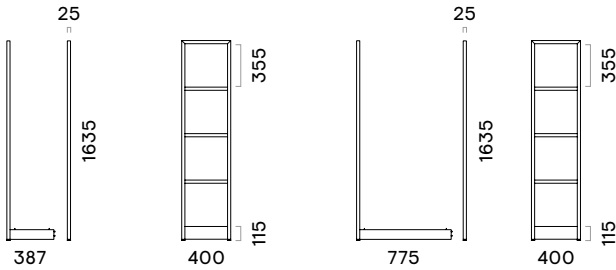
3H start and end modules



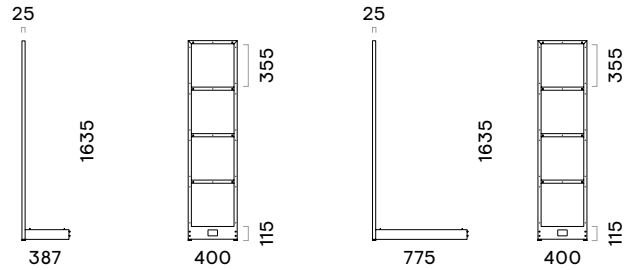
3H extension modules



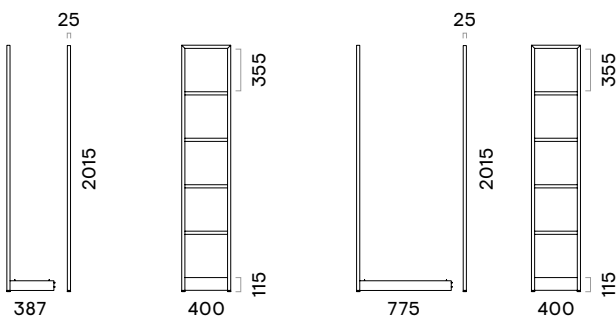
4H start and end modules



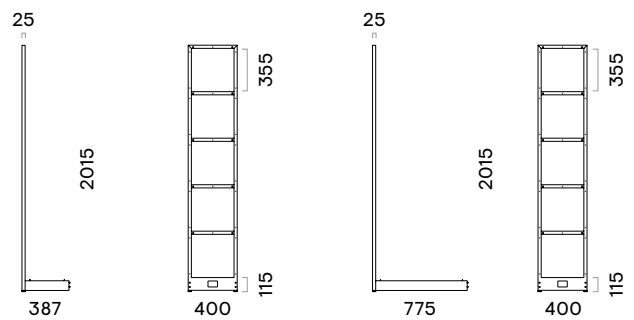
4H extension modules



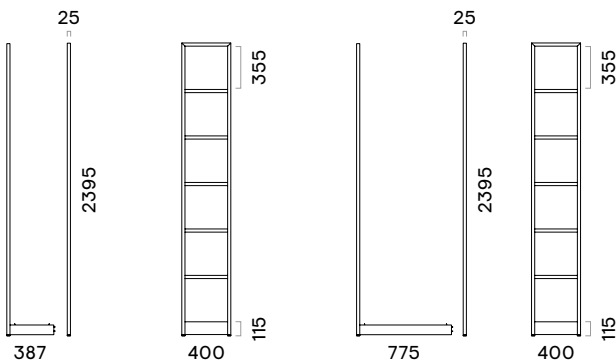
5H start and end modules



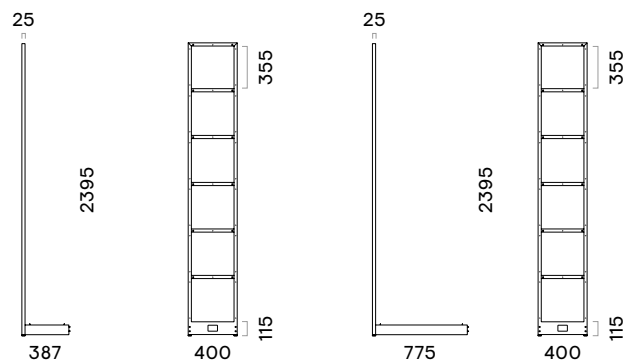
5H extension modules



6H start and end modules

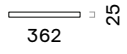


6H extension modules

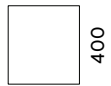


Shelves

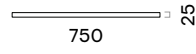
Front



Top



Front

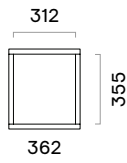


Top

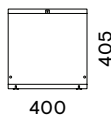


Open and closed shelf boxes

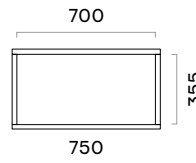
Front



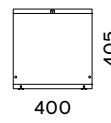
Side



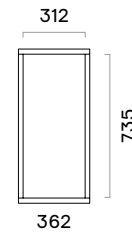
Front



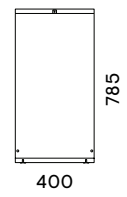
Side



Front



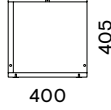
Side



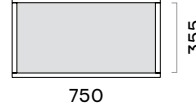
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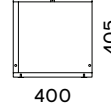
Side



Front



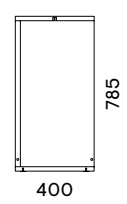
Side



Front

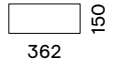


Side

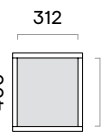


Planter boxes

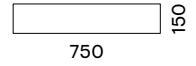
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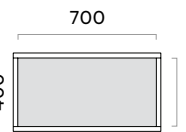
Top



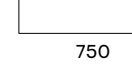
Front



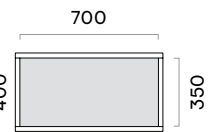
Top



Front

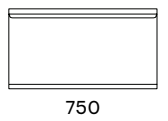


Top

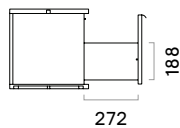
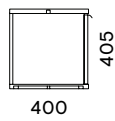


Cabinet with drawer

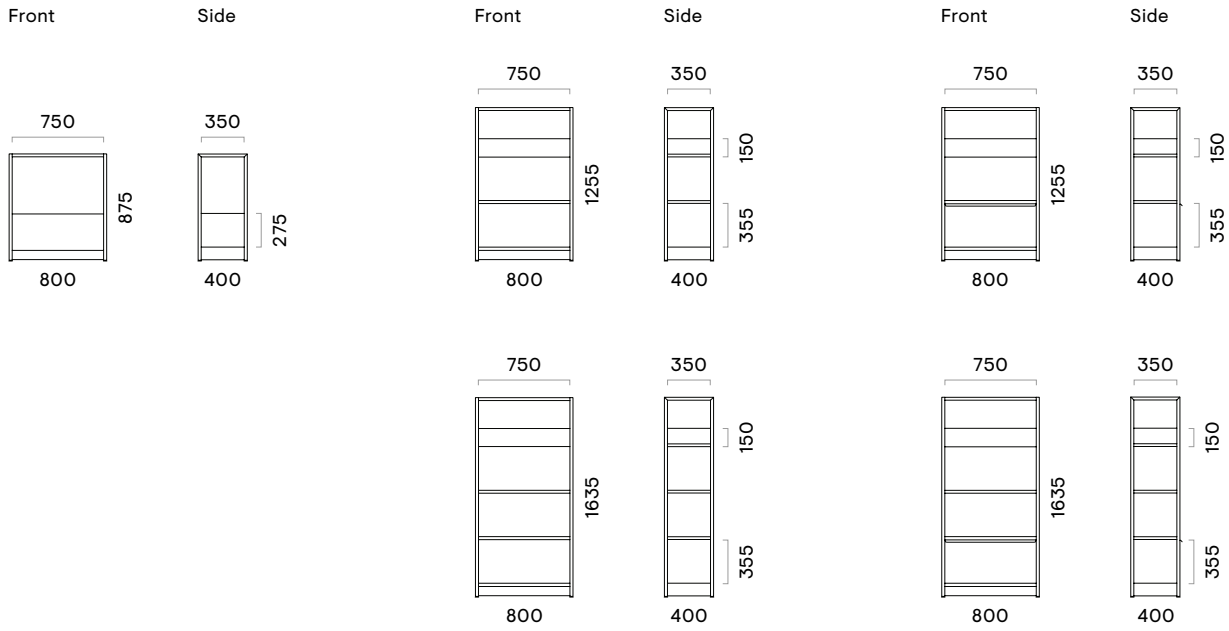
Front



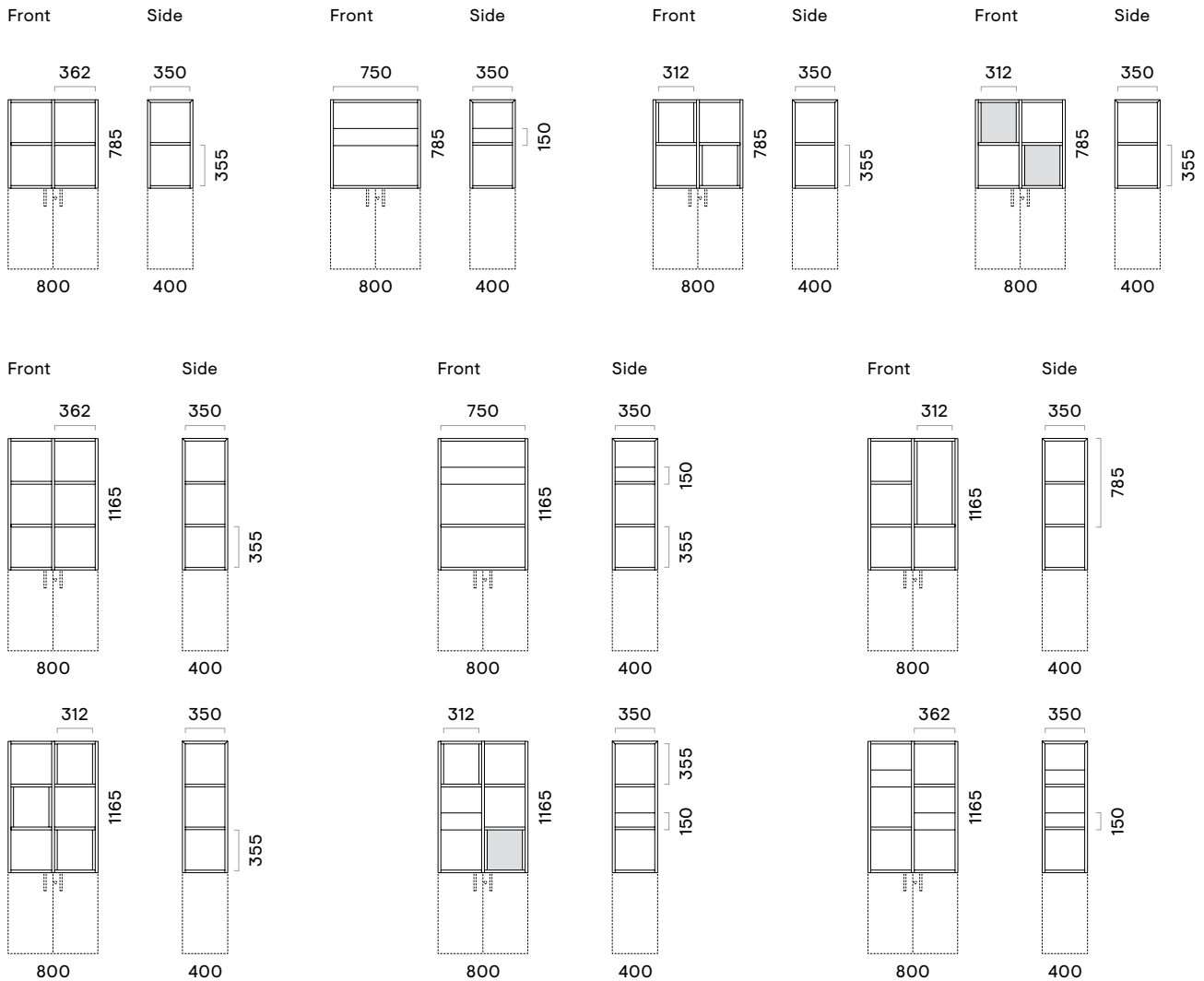
Side

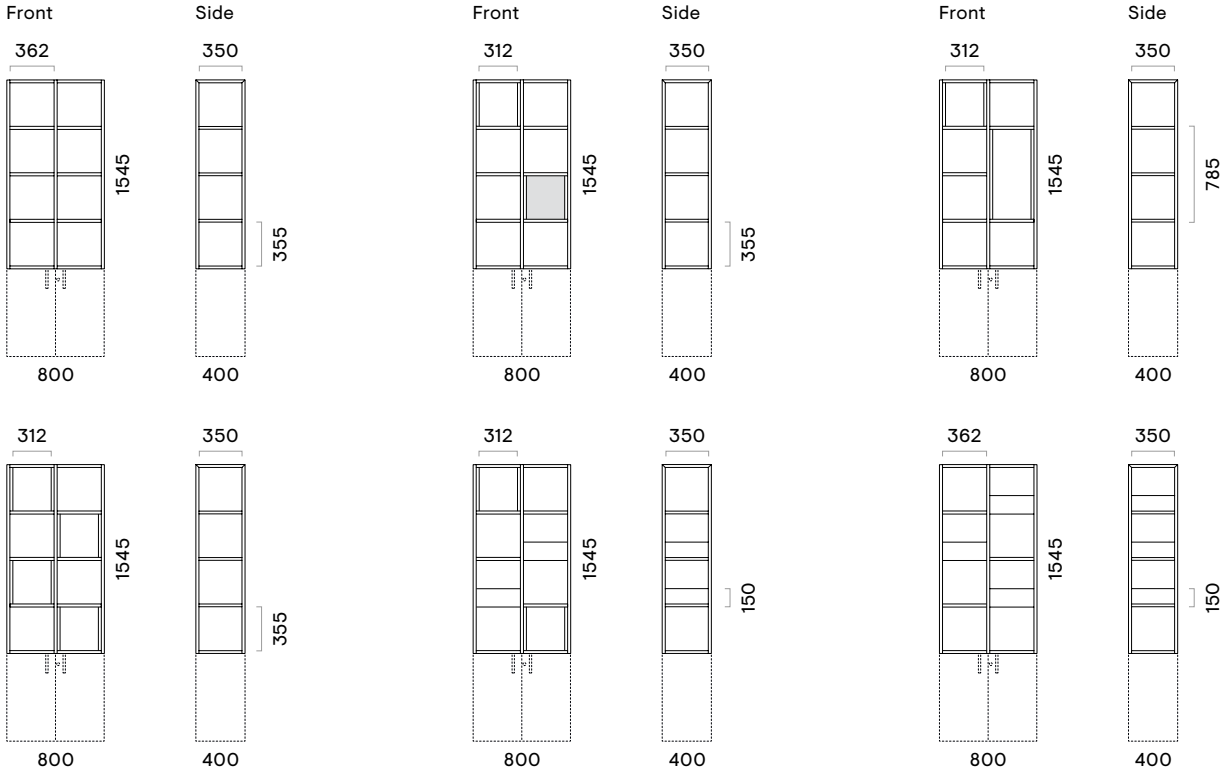


Planter shelf units – ready-made configurations



Shelving units for mounting on cabinets – ready-made configurations

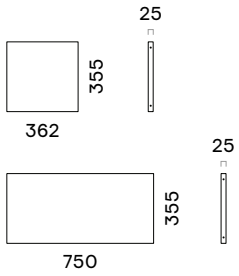




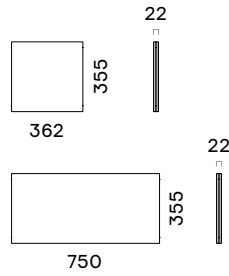
Accessories

Back panels

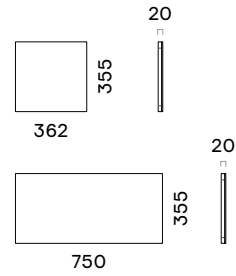
Melamine



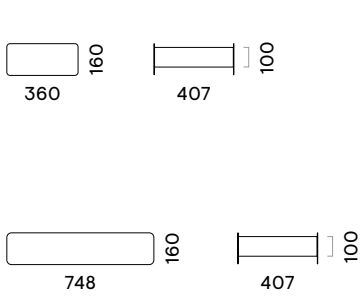
PET felt



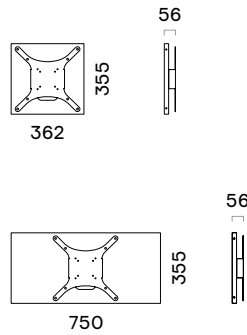
Perforated metal



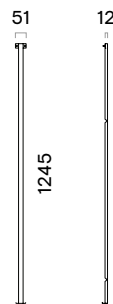
Metal planter boxes



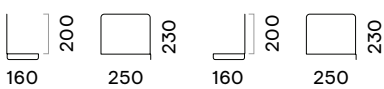
Metal screen holders



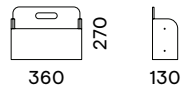
Metal cable tray for cable management



Metal book-ends

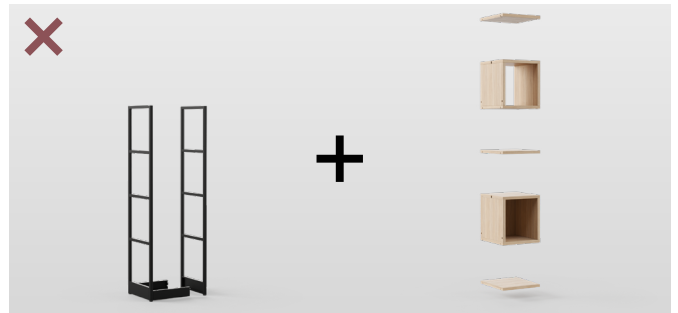
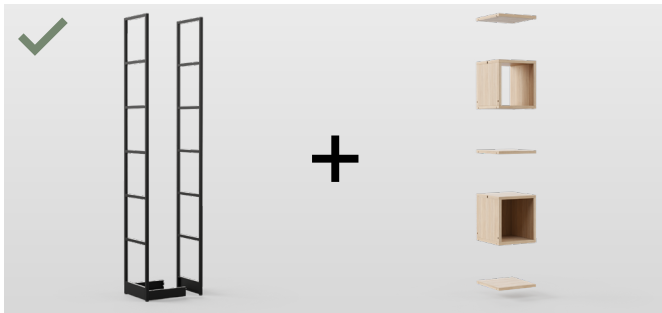


PET felt basket



Additional information

- You can only combine frames and sets of shelves of the same height.

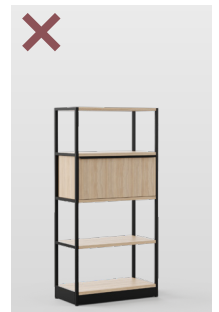
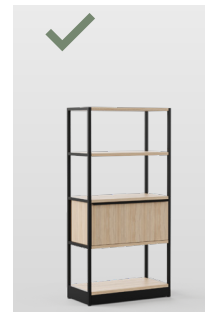
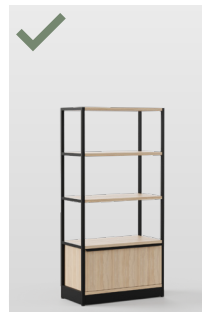


- Metal frames should be always assembled together with sets of shelves, planter boxes, open/closed shelf boxes or cabinet with drawer.

- Sets can be chosen individually and placed in various positions upon assembly.

- Open/closed shelf boxes and a cabinet with a drawer cannot be mounted on the top of each other.

- Cabinet with a drawer can be mounted only in the two height levels – 1H and 2H.



- Only one drawer can be placed per one vertical module.

- Back panels cannot be mounted on the back of the open shelf box.

- Planter box care. Please note that the inner part of the planter box is not protected from the moisture. It is recommended to follow the Melamine cleaning and care instructions.



- Convenient electrical solutions for wire management. The cable is routed through a metal tray down to the central frame and further out through the plinth. The power socket block can be hidden under any bottom shelf and you can run a cable through the special cut-outs in the plinth. After the assembly, if needed, the power socket block can be easily accessed by removing the bottom shelf. It is not possible to access the power socket block when it is placed under the shelf box or cabinet with drawer.



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 It is recommended to mount the screen holder only in the two height levels – 3H and 4H.

- The shelving unit is mounted on the top of the cabinet and fixed with screws.

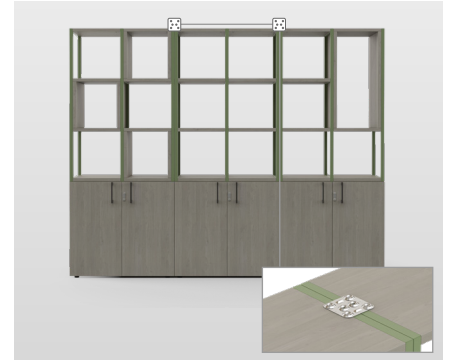
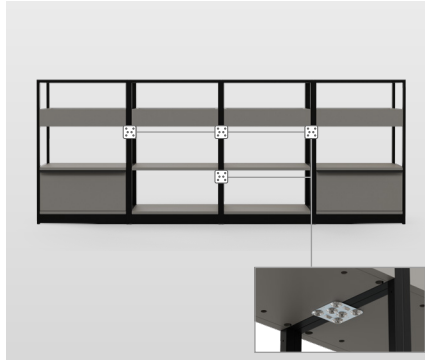
- The total height of the cabinet and the shelving unit must not exceed the height level of 6H. E.g., if you choose 4H cabinet, you should use not higher than 2H shelving unit to mount on the top. If you choose 3H cabinet, you should use not higher than 3H shelving unit.



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 When mounting 4H shelving units on the cabinets, it is recommended to additionally fix them to the wall or ceiling.
















- For connecting the combinations of shelving units, please use sets of connecting components. The components have to be ordered separately as additional items.



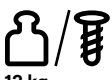




- It is recommended to attach all the combinations to the floor (1). The necessary brackets are always included in the product package, bolts must be selected individually according to the type of floor. If it is not possible to fix the combination to the floor, please attach it to the wall (2) or use the counterweights (3). Fixing components and counterweights can be ordered separately as additional items.






Stability measures

	3H		4H		5H		6H	
	Shelves and boxes	Shelves and drawer	Shelves and boxes	Shelves and drawer	Shelves and boxes	Shelves and drawer	Shelves and boxes	Shelves and drawer
W = 400 mm	 6 kg*	✗	 6 kg*	✗		✗		✗
W = 800 mm	✓	 12 kg	✓	 12 kg	✓	✗		✗
W ≥ 1200 mm	✓	 12 kg	✓	 12 kg	✓	✗		✗
with screen holder								

	2H	3H		4H	
	Planter box	Shelves and box	Box and drawer	Shelves and box	Shelf, box and drawer
W = 800 mm	✓	✓	 12 kg	✓	 12 kg

	Overall height ≤ 5H	Overall height = 6H	Overall height > 6H
	W = 800 mm	✓	

-  Mandatory. Please use specified counterweights!
-  Mandatory. Please fix your combination to the wall or floor!
-  Mandatory. Please fix your combination to the wall!
- ✓ No mandatory measures.
- ✗ Combination is not available.

* Suitable only for combinations standing near the wall. Freestanding combination in open spaces is not allowed.