Handbook:
Hettich Plan

Technik für Möbel

Hettich

Imprint

Hettich Holding GmbH & Co. oHG

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www.hettich.com

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Table of contents

1. Introduction

1.1 Basics

With the carcase planning tool Hettich Plan, furniture can be planned, the required fittings can be found and ordered easily.

A fast and precise furniture planning and subsequent realisation of the order are part of the daily routine of the carpenter and the interior designer. The browser-based carcase configurator Hettich Plan supports you right from planning and selection of fittings, to production. The program provides the necessary article and cutting lists, drawings and CAD data for the successful production of the furniture.

Hettich Plan can be used directly without installation and license costs.

1.2 Help / Infoline

In addition to this manual, *Hettich Plan* provides a comprehensive help system.

- *Hettich Plan* has provided help and tips in many places in the program. For example, the minimum and maximum values are displayed as soon as the specification is out of range.
- Frequently asked Questions (FAQ) can be found here: https://configurator-help.hettich.com/en/frequently-asked-questions.html
- If there are any open questions, you can contact us through email: Hettich_Plan@de.hettich.com or telephone: +49 5223 77 3209

1.3 Registration / Login

Hettich Plan can also be used as a guest. The advantages of a registration are:

- *Projects can be saved in the memory*
- *Standard values can be defined and saved*
- *Purchase orders can be transferred from the Hettich Online Catalogue to the shopping cart*

If a login for the Hettich online catalogue already exists, this can also be used for *Hettich Plan*. No further registration is necessary.

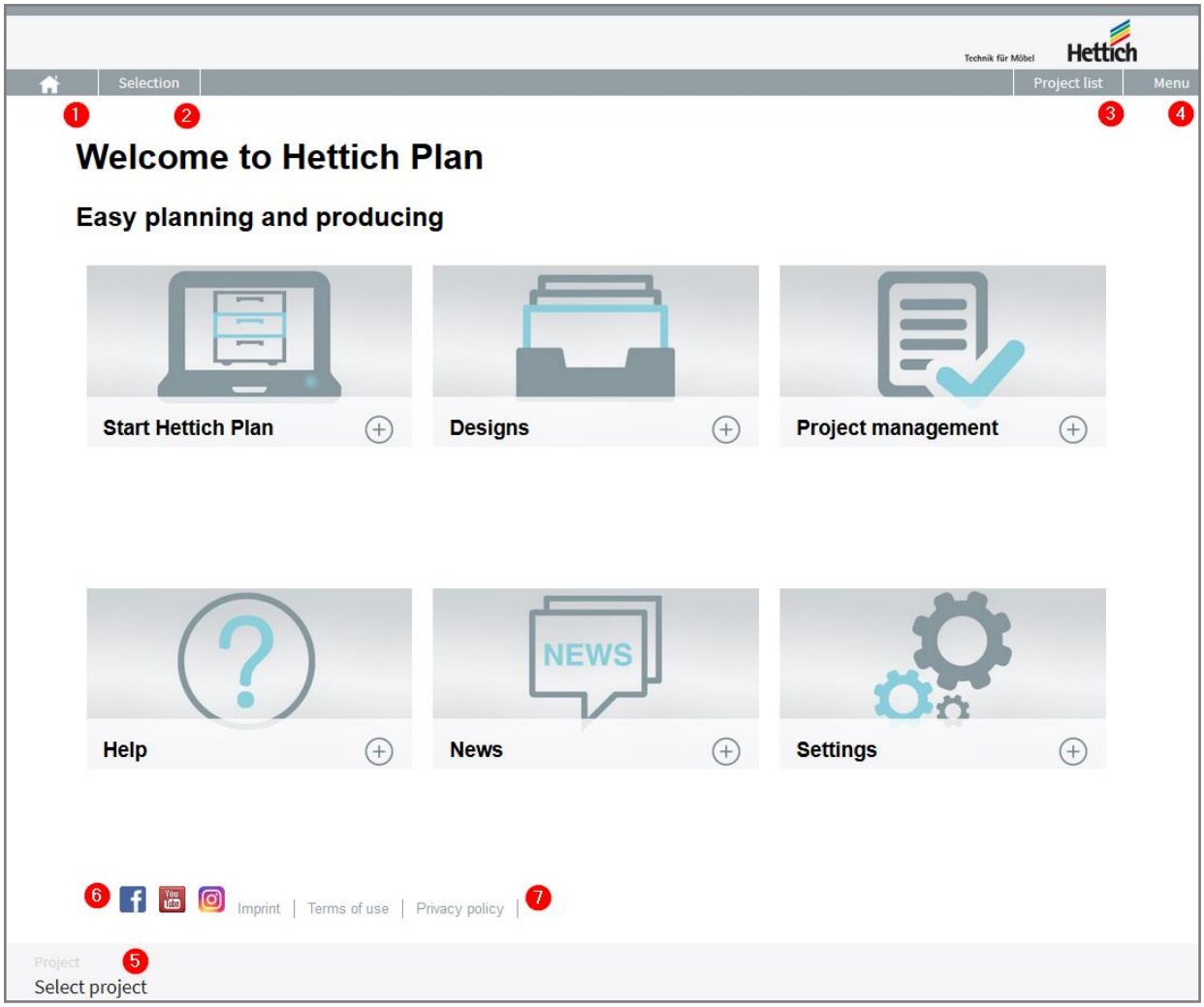
Register simply, quickly and free of charge and apply for a login: www.hettich.com/online/en/

While registering, the complete company details and the preferred dealer from which Hettich fittings are purchased must be provided.

1.4 System requirements

Internet browser	Microsoft Internet Explorer® from Version 11 Microsoft Edge Mozilla Firefox from Version 47 Google Chrome from Version 52 Apple Safari from Version 10 Opera from Version 38
PDF Reader	e.g. Adobe® Reader, or Foxit PDF Reader
Zip-Program	e.g. 7-Zip
DXF- / DWG-Viewer	e.g. TrueView DWG

2. Welcome to Hettich Plan



Homepage *Hettich Plan*

1 Return to the homepage possible at every step of the configurator

2 Specify global settings, as well as the direct start into a living environment

3 Open an existing project, which can then be edited, or add more carcases

4 Direct access to the FAQ, drafts, user administration possible, log out

5 As long as there is no active project, it is possible to select one here, otherwise the carcase list of the active project will be opened.

6 Links to Facebook, Youtube, Xing and Instagram

7 Here you can find the imprint, terms of use and further information on data protection

Start a new configuration

Saved projects which are not yet closed

All the projects which have already been planned can be found here

Handbooks, overview of constructions and fittings, FAQ (frequently asked questions) can be found here

Latest news on the program, update information

Here you can make global preferences which become effective for all constructions.

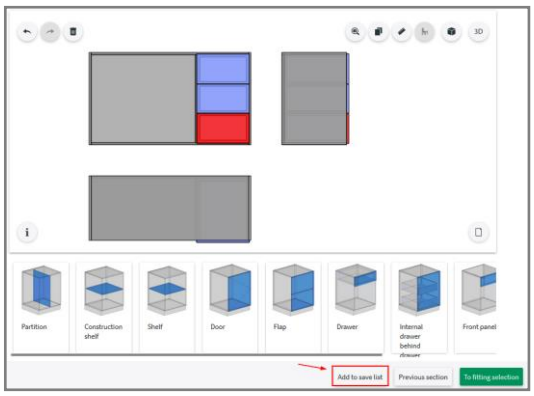
2.1 Start Hettich Plan

This tile can be used to create a new configuration with the help of the free carcase, or- an object can be selected and adapted from the extensive library.

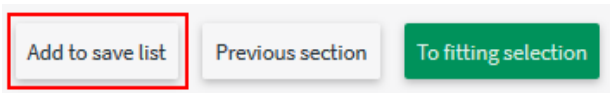
A quick reference can be found in the document *Hettich_Plan_Erste_Schritte_de.pdf* in the section *Help*. A detailed step-by-step instruction and a more detailed explanation on the use of the individual parts and functions can be found in Chapter 3: *Start Hettich Plan*– step-by-step.

2.2 Drafts

In this section, you will find all the constructions which have been saved but not closed.



During the planning, the interim status can be saved so that the planning can be continued later.

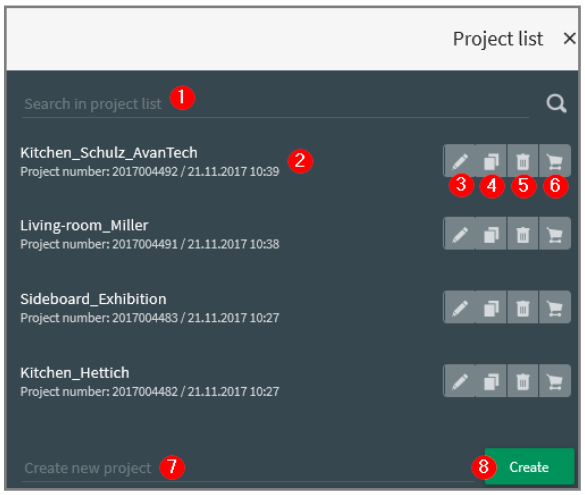


All constructions which have been saved with the button *Add to save list*, can be accessed again in the section *Drafts*.

Tip: The sections *Drafts* and *Project list* are available only to the logged-in users.

2.3 Project list

The list of all projects created so far can be seen in the project list and it is possible to create a new project.

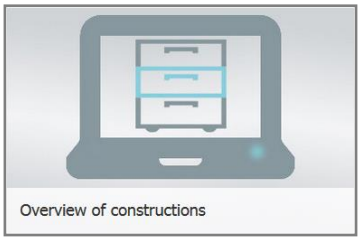


1. Search in project list: A partial term is sufficient
2. Activate project: A new construction is assigned to an active project
3. Edit project: Direct access to carcase list
4. Copy project: e. g. to create another version with other fittings
5. Delete project
6. Transfer fittings of the project to the Online shop-shopping cart
7. + 8. Define project names and create new project

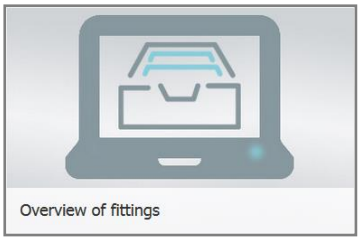
2.4 Help

Basics as well as system requirements and login information

First steps, a detailed documentation and a video tutorial make the start of *Hettich Plan* quite easy.



Here is an overview of the constructions that can be implemented with *Hettich Plan*



All fittings currently available in *Hettich Plan* are clearly displayed here

Frequently asked questions and their answers

When neither the handbook nor the FAQ helps, the best option would be personal contact.

2.5 News

In the *News-section* there are constant updates on latest happenings. As soon as there is a program update, addition to the product selection in *Hettich Plan* or other exciting updates, the details can be seen here.

2.6 Settings

You can create a profile in the settings. This is especially logical if the default values differ from that of your own. For example, the setting can be adjusted in such a way that the back panel should be rebated and not grooved.

Three different material thicknesses are available as default profiles: 16, 18 and 19 mm.

The following values can be changed and saved as the profile:

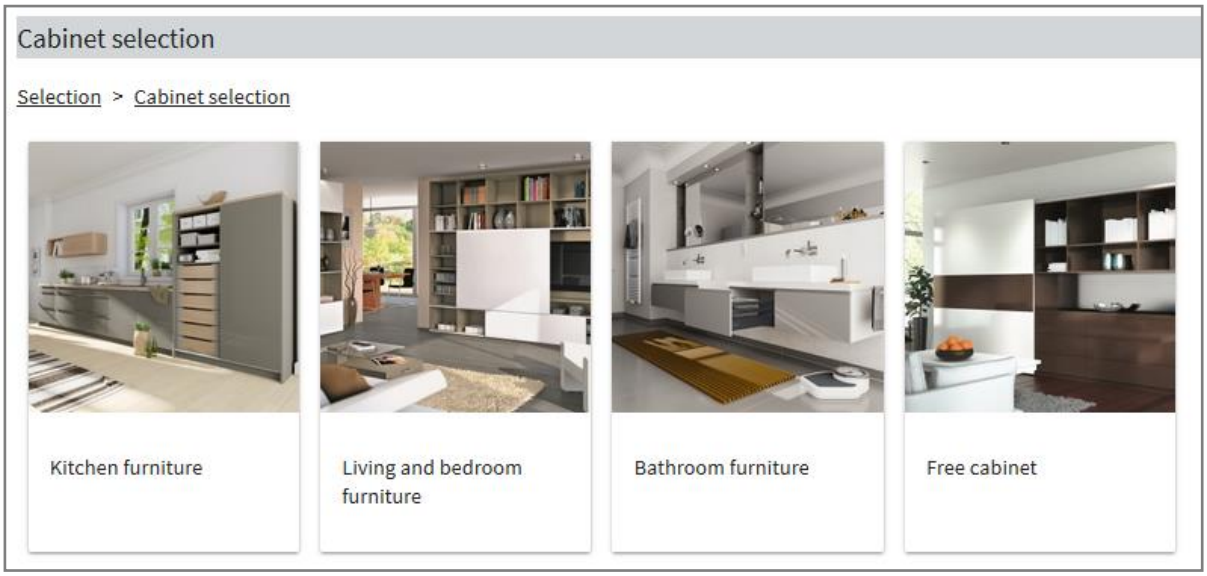
Material thickness	Value	Gap alignment	Value
Top panel thickness	19	Top	3
Bottom panel thickness	19	Bottom	3
Construction panel thickness	19	Left	3
Shelf thickness	19	Right	3
Side panel thickness	19	Horizontal	3
Panel thickness	19	Vertical	3
Door thickness	19		

Hole line	Value	Construction	Value
Insert drilling hole line	No	Side panel / top panel	Side continuous
Spacing	32	Side panel / bottom panel	Side continuous
Depth	5	Construction type back panel	Grooved

3. *Start Hettich Plan* – Step-by-step

By means of the following example, the direct start into the program should be easy. Easy to start, without much training. In addition to sample construction shown below, the existing constructions from the living environments *kitchen furniture*, *living and bedroom furniture* and *bathroom furniture* can also be used. Depending on the living area, the furniture library has different default settings and specific dimensions. All constructions can be adapted individually.

3.1 Living environments



The selection via the living environments allows standard constructions to be created quickly and easily, thanks to the specially adjusted preset values.

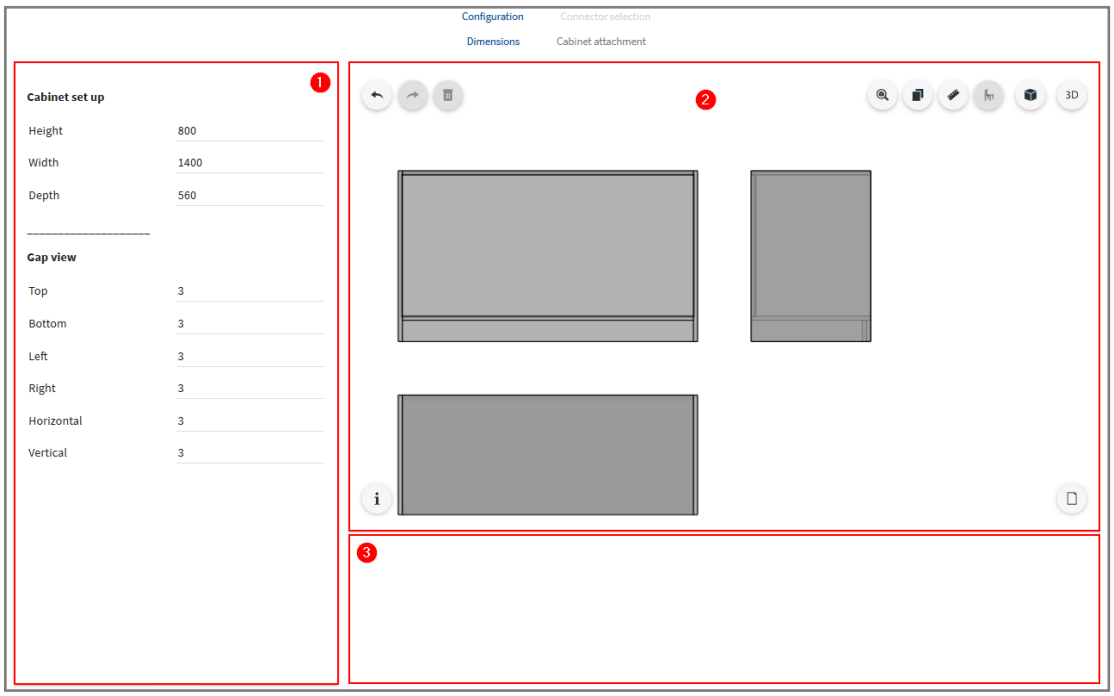
For example, all base cabinets in the section Kitchen furniture area are equipped with cross members as top panels - this reduces the time required for specific adjustments.

Tip: A detailed list of all constructions and their special features can be found in the document *Korpuskonstruktionen_Hettich_Plan_DE.pdf* in the section *Help*.

Tip: Sliding door cabinets that require independent constructions, such as the TopLine series, can be found in the section Living and bedroom furniture.

3.2 The free cabinet

When you click on the tile "Free cabinet", the screen gets divided into three parts:



1. *Cabinet set up and Gap view*
2. Cabinet preview in front, side and top views
3. Area for the fitting elements

Cabinet set up

Height	800
Width	1300
Depth	450

Gap view

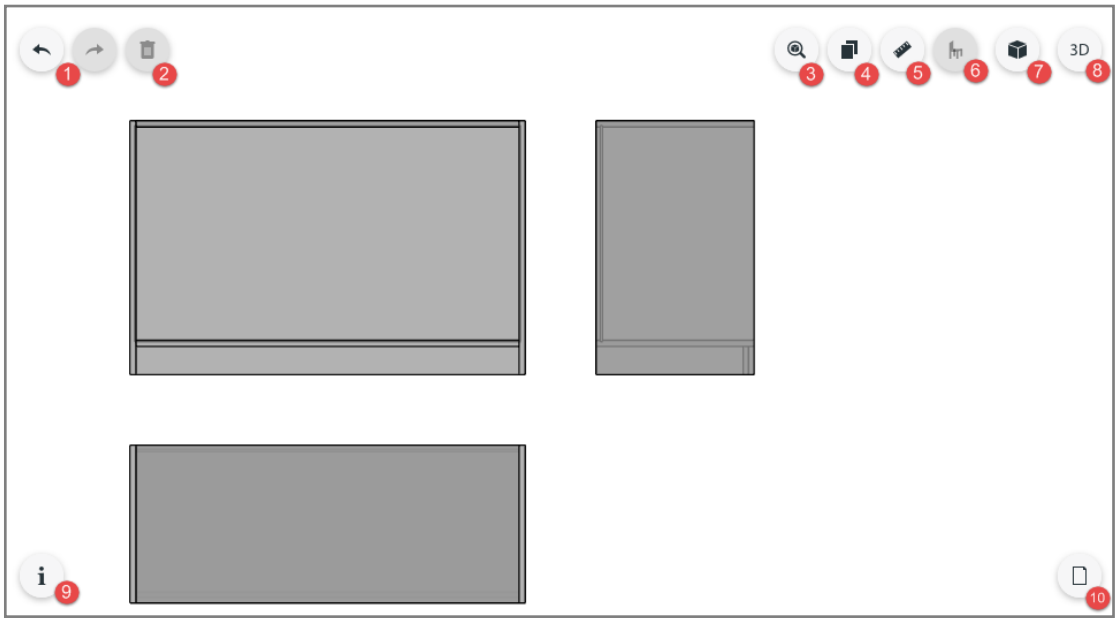
Top	3
Bottom	3
Left	3
Right	3
Horizontal	3
Vertical	3

The external dimensions of the carcase are defined in the *cabinet set up*.

The gaps of the fronts can be adjusted easily.

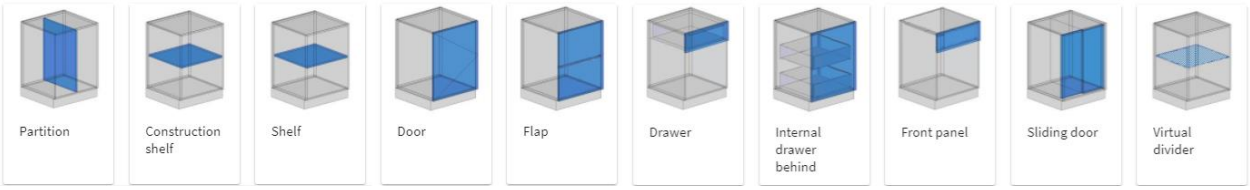
Tip: If the entries are outside the set value ranges, a message will be displayed showing the permissible dimensions.

Tip: Very small gap values in combination with certain carcase dimensions can lead to the fact that no fittings can be found. If this should be the case later on, the dimensions can be changed at any time and / or the gap values can be adjusted.



In the preview area you will find some buttons in addition to the three-panel projection:

1. Back or repeat button
2. Activated fitting element can be deleted (e.g. a door)
3. Automatic zoom on the construction
4. Transparency is deactivated/activated so that the carcase interiors are concealed/visible
5. Dimensions are displayed
6. Display reference object (possible only in 3D)
7. 3D-preview
8. Switch between 2D and 3D view
9. Tip on configuration step
10. Reset article: The carcase is reset to the initial setting.



When you click on the carcase, the possible fitting elements are displayed (more details in Chapter 3.4).

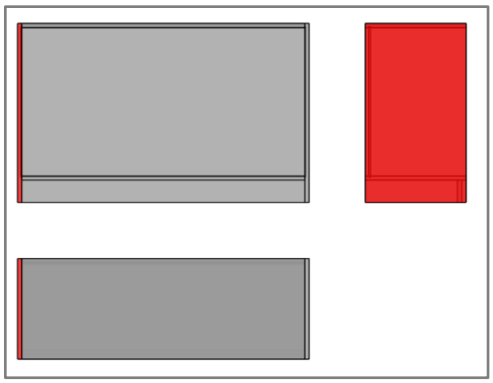
3.3 Carcase elements

Carcase elements are the parts that are available and can be adapted in the standard cabinet:

- Carcase sides
- Top panel
- Cover cap
- Bottom panel
- Plinth
- Back panel

To modify the settings and values of a carcase element or even a part, just click on the part.

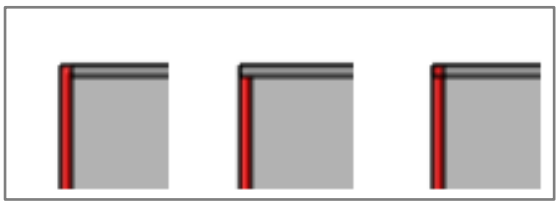
3.3.1 Cabinet sides



Any part can be selected with a click or a touch of the finger.

The side thickness can be entered from 10 mm to 100 mm.

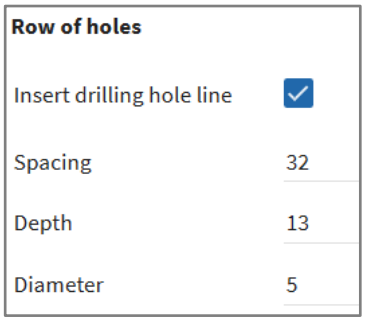
Tip: Depending on the part, any of the three views can be comfortable. For example, it is easiest to select the side in the side view and the top panel in the top view.



The construction of the sides to the top and bottom panel can be adjusted separately:

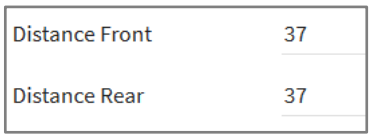
- Side continuously
- Bottom continuously
- Mitre

The plinth height is displayed as grey. It is for information purposes only. In the menu *Plinth*, you can set the height.

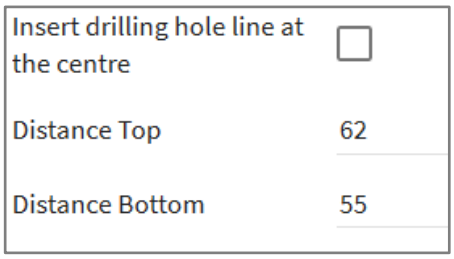


More adjustment possibilities are available if the hole line is activated:

- Spacing (can be customised, standard is 32 mm)
- Depth (depends on the use of the connecting fitting; from hole marking to the thickness of carcase side)
- Diameter (depends on the use of the connecting fitting; from hole marking to Ø10 mm)



The distances between the row of holes and the front or rear edge of the side can be defined individually.

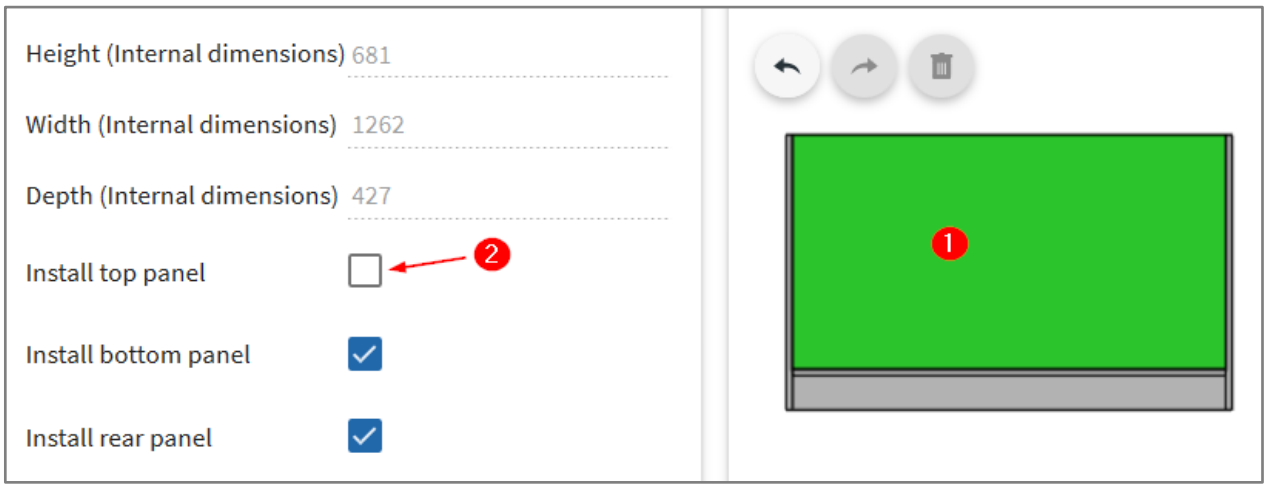


If the drilling hole line is placed in the middle, it runs over the entire clearance height.

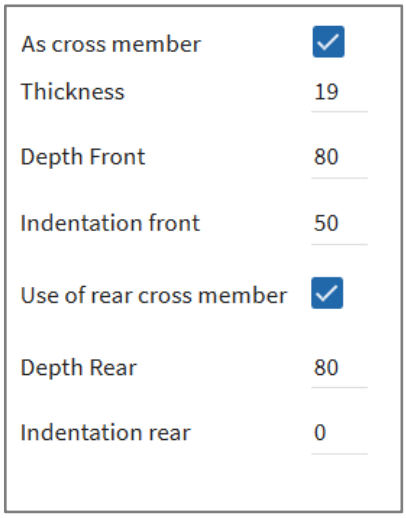
Alternatively, you can specify either the distance above or below. The other one is automatically calculated.

3.3.2 Top panel

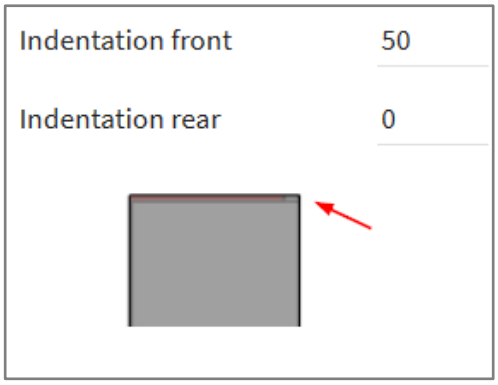
If the carcase does not have a top panel, the option can be easily deactivated here.



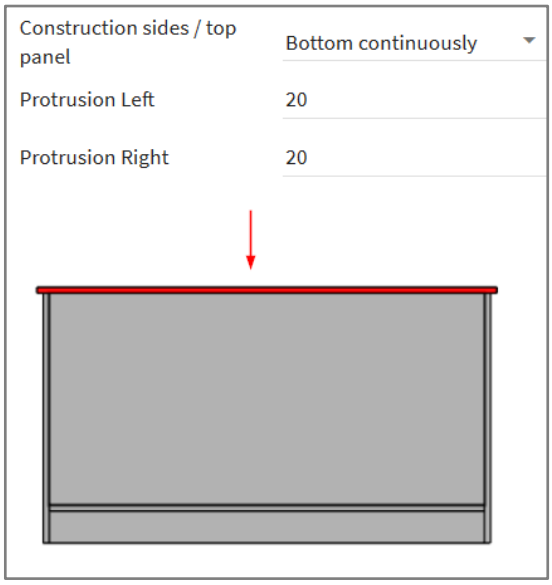
Tip: To reactivate the top panel or other deactivated parts, just click in the free zone. There you will find the option to tick the individual parts.



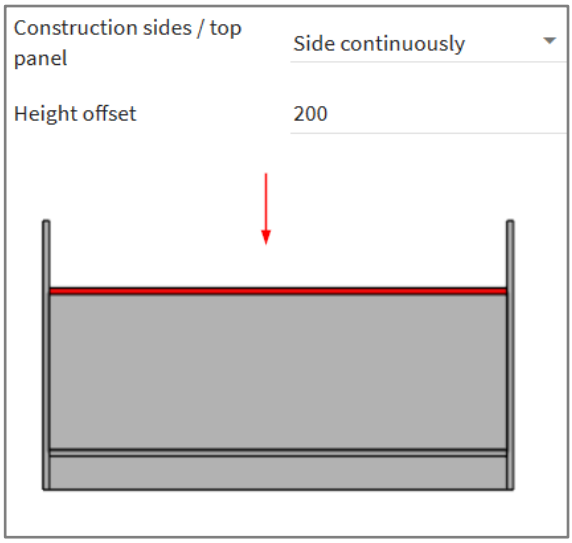
The top panel can be illustrated as a cross member. As soon as the tick is set, other setting possibilities appear.



The dimensions of front and rear indentation can be entered separately.



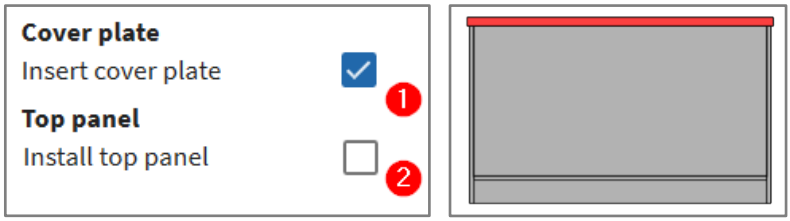
If the option *Bottom continuously* is selected, the lateral protrusions of the top panel can be set.



If the sides are continuous, a height adjustment can be made.

A cover plate can be inserted if a top panel is activated. It does not matter whether it is planned as a whole floor or as a cross member.

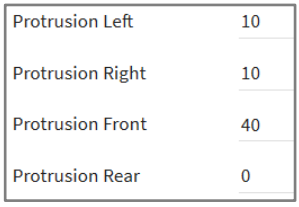
3.3.3 Cover plate



Tip: If a cover plate is required without a top panel, it can be deactivated after activation of the cover plate.

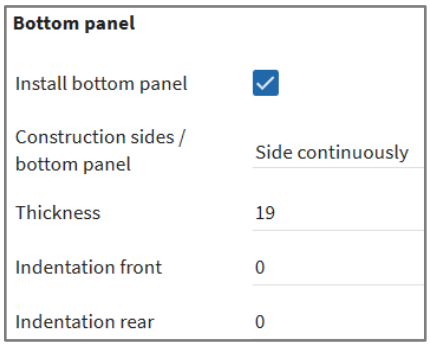
In order to edit the settings of the cover plate, simply select the plate.

The thickness of the cover plate can be fixed at a range of 3 to 250 mm.

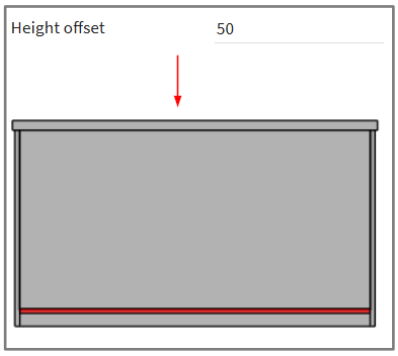


The protrusions can be entered up to 1000 mm.

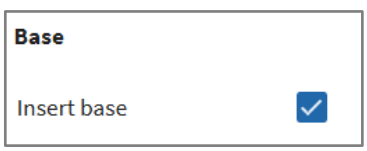
3.3.4 Bottom panel



Just like the top panel, the bottom panel can also be deactivated. Different construction types can be selected, the thickness of the part can be defined, as well as the dimensions of the indentation.

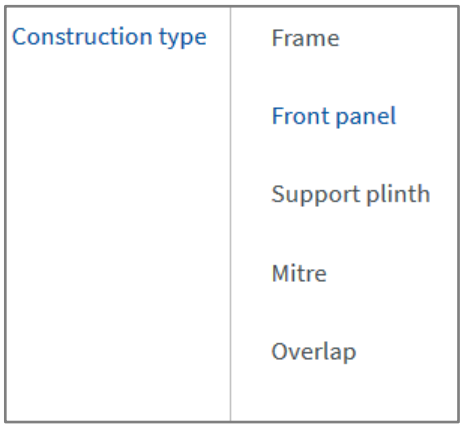


In case of a *free cabinet*, the construction type *side continuously* is always preset. Here the preset height offset of the bottom panel can be adjusted or set to 0.



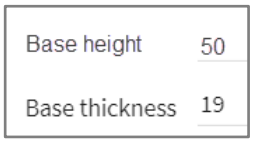
The plinth can be activated through a click or the touch of a finger.

3.3.5 Plinth



The plinth offers different construction types:

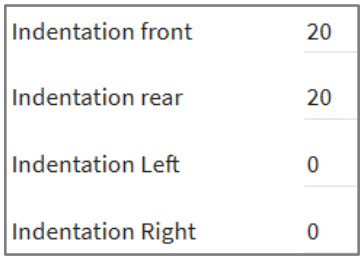
- Frame (rounding plinth; not active for height offset base panel > 0)
- Front panel (only one front panel)
- Support plinth (additional to front panel, one more in the rear area)
- Mitre (rounding frame on the mitre; not active for height offset base panel > 0)
- Overlap (Panel is placed in front in line with other fronts; not active for height offset base panel > 0)



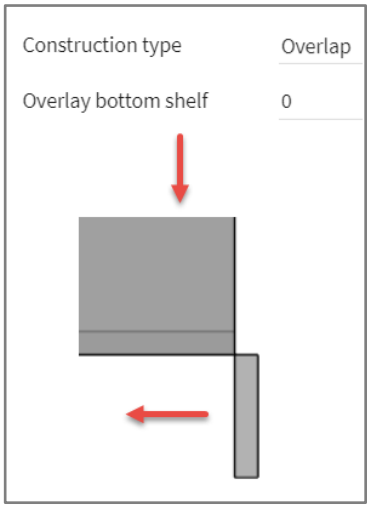
The plinth height for a panel is displayed as information, since it depends on the height offset of the bottom shelf.

If a frame is selected, the height can be set freely.

The plinth thickness can be freely selected.

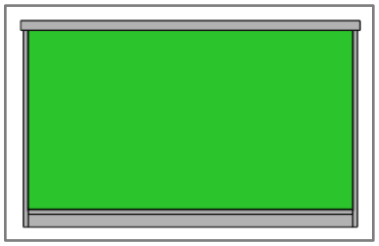


The indentation dimensions can be defined separately for each side, if available. If a *shelf* is selected, the rear profile and therefore the *indentation rear* are missing.

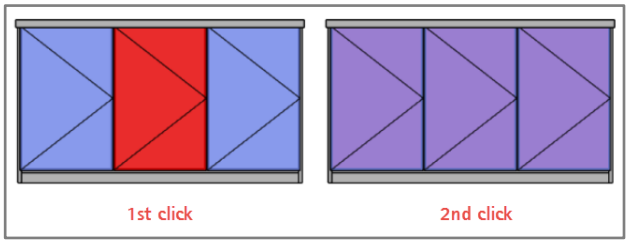


If the construction type *Overlap* is selected, the overlay of the bottom panel can be set.

3.3.6 Back panel



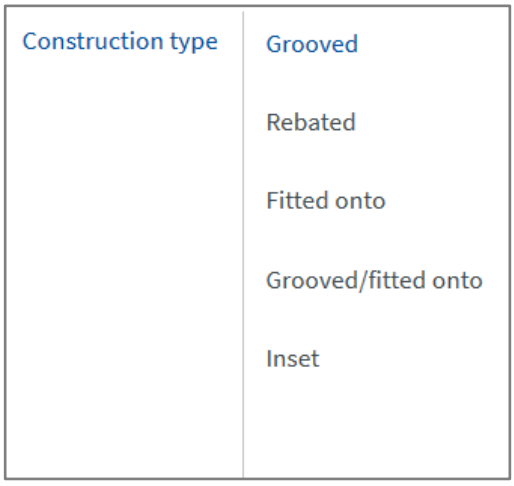
As long as the carcase is not yet fitted, it is very easy to select the rear panel by clicking on it in the front view.



Tip: If the rear panel is hidden, it can be selected by clicking multiple times.

On the left side, the window *Rear panel* opens and the settings can be adjusted.

The back panel is also an optional part which can be deactivated.



The construction types of the back panel are:

- Grooved: A grove is milled into all the adjacent parts
- Rebated: All the adjacent parts get a rebate
- Fitted onto: There is no processing to the adjacent parts
- Grooved / fitted onto: The outer sides are grooved, the rear panel is fitted flush to the constructional shelves and the centre panels
- Inset: The rear panel lies in the carcase.

Indentation	0
Groove depth	5
Rebate depth	5
Rebate width	5
Overlay Left	5
Overlay Right	5
Overlay Top	5
Overlay Bottom	5

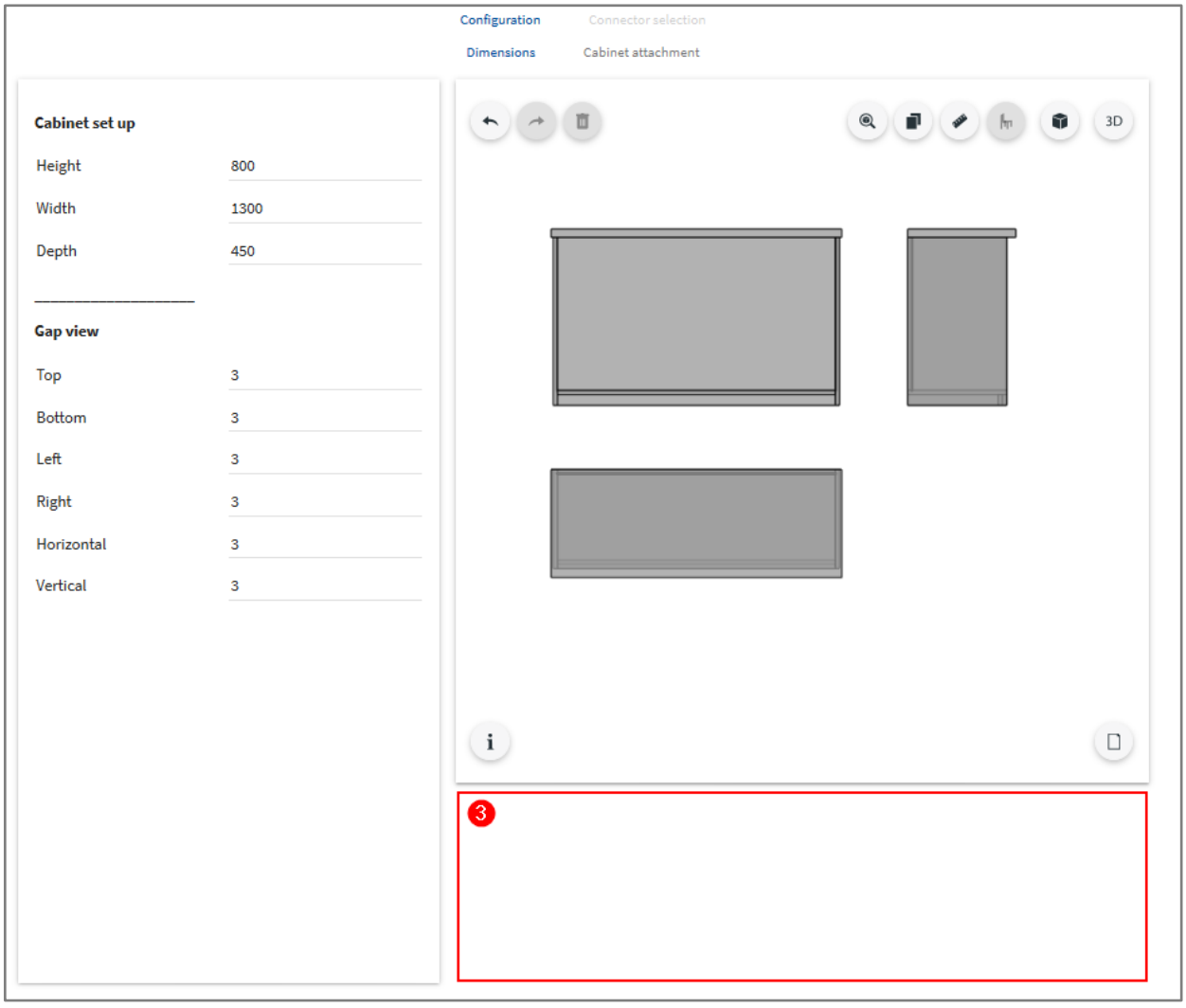
Depending on the construction type, the indentation, groove depth, rebate depth, rebate width and the overlay dimensions can be changed.

3.4 Fitting elements

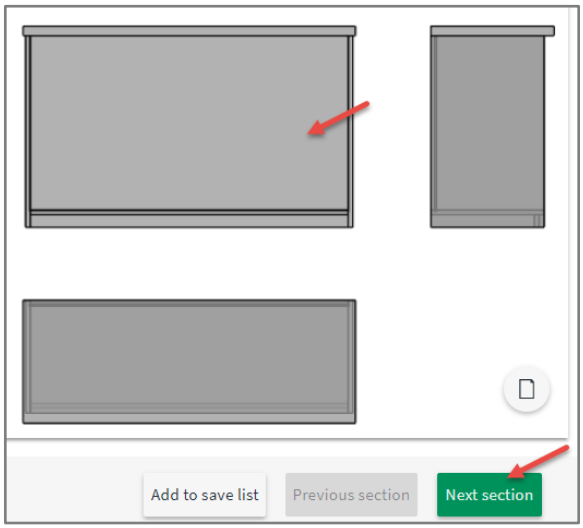
All elements appearing at the bottom of the screen and which can be pulled into the carcase for assembly are designated as fitting elements.

This includes the following elements:

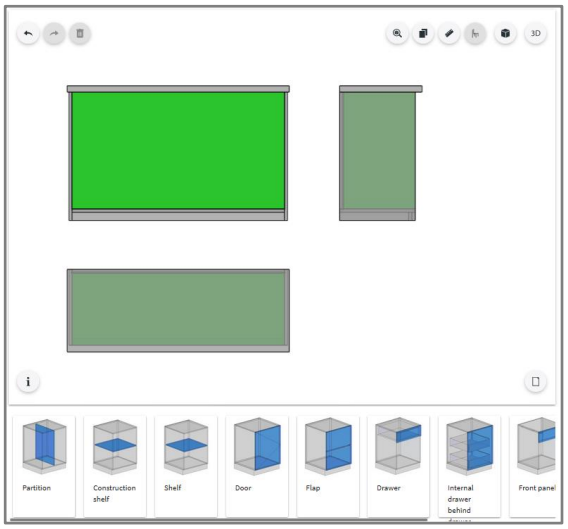
- Centre panel
- Constructional shelf
- Shelf
- Door
- Flap
- Drawers
- Internal drawer behind the drawer
- Panels
- Sliding door
- Folding door
- Virtual divider



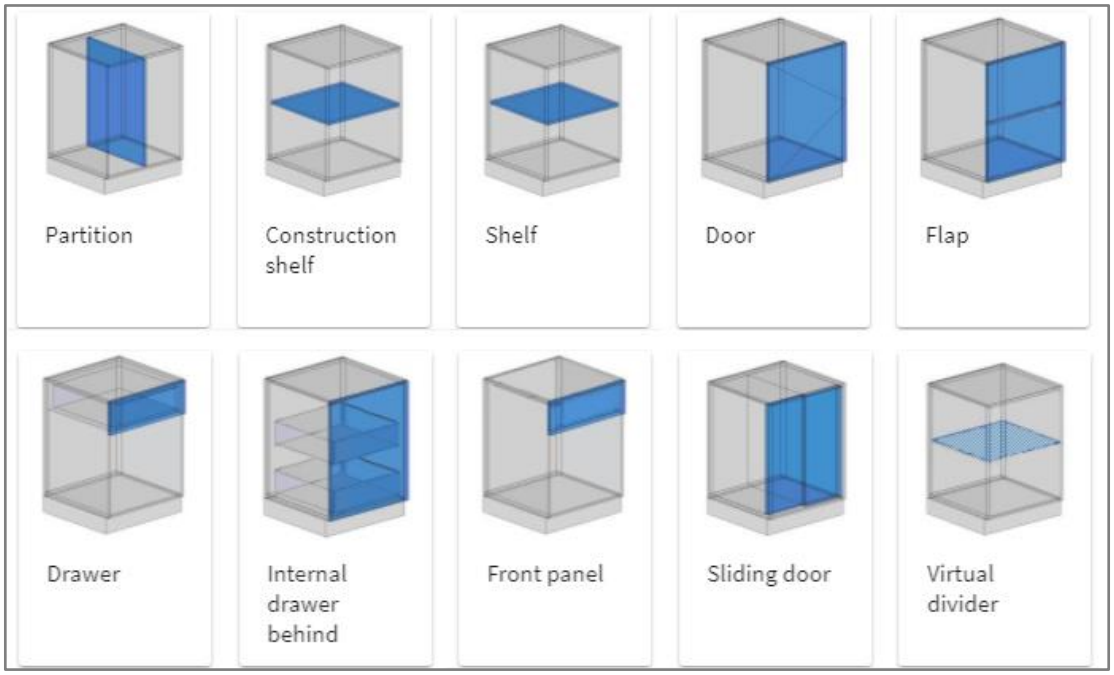
The area at the bottom of the screen is empty at first, or white.



As soon as the dimensions have been adjusted, you can either click on the button "Next step" or switch to the assembly by clicking on the carcase itself.



All the possible fitting elements are displayed on the bottom edge of the screen. You can scroll to the right to see more options.

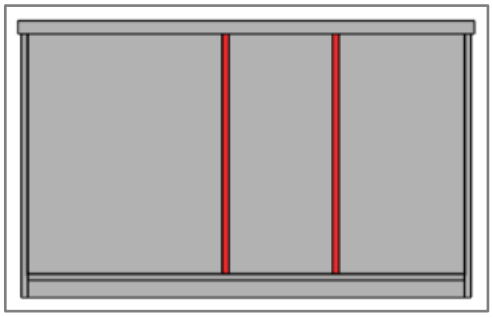


These can be simply dragged into the carcase by pressing the mouse button. Depending on the medium, the mouse button is simply held down or the desired element is pulled with the finger into the carcase or the desired zone.

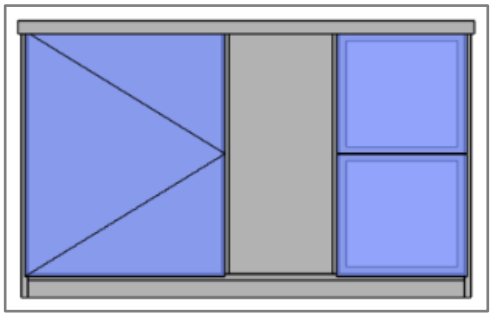
Tip: A zone is an area which can be fitted with parts. It includes the inner dimensions. Unlike the parts (red), a zone is marked in green.

More information in Chapter 7 Zones and parts.

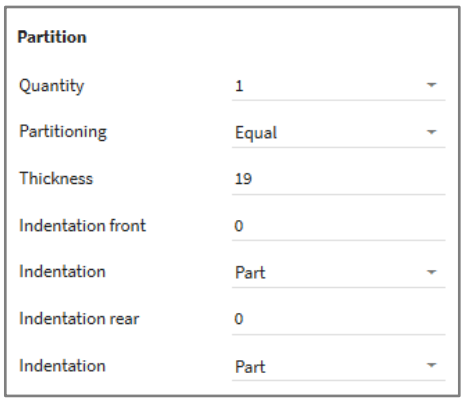
3.4.1 Centre panel



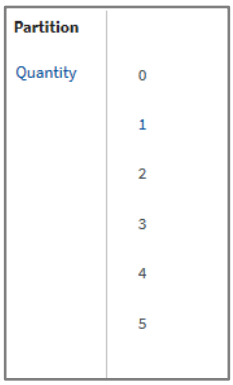
Centre panels divide (the inner areas in the carcase)into zones.



In this way, the zones can be equipped in different ways. For example, a door can be installed in the left zone and drawers in the right zone.

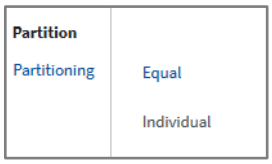


Adjustments can be made in the details of the centre panel.

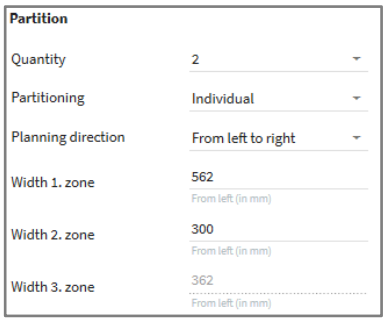


The maximum number of centre panels is limited to five.

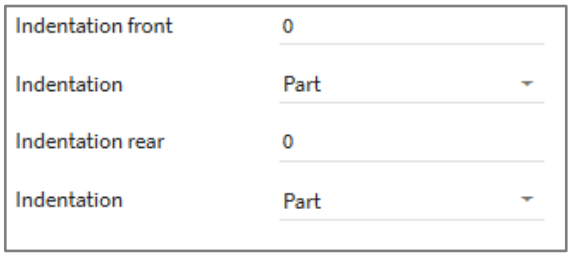
Tip: If more subdivisions are required, additional centre panels can be inserted into a zone after inserting a centre panel.



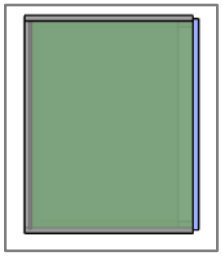
The arrangement of the centre panels is initially symmetrical, with even partitioning. If this is not desired, the setting can be changed to "individual" settings.



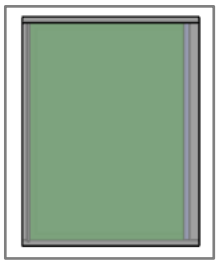
The planning direction specifies the side from which the dimensioning is done. In this way, the positions of the centre panels can be defined exactly.



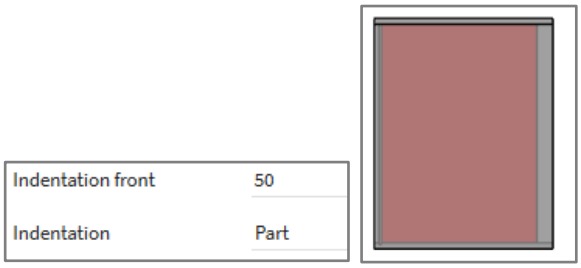
The indentation dimensions can be defined in two ways: for the *part* or for the *part and the zone*.



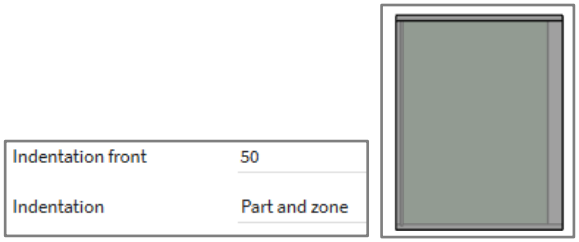
Thus, all the other elements inserted in this zone continue to be directed towards the front edge of the base/top panel.



Thus, all the other elements inserted in this zone are directed towards the front edge of the indented centre panel.

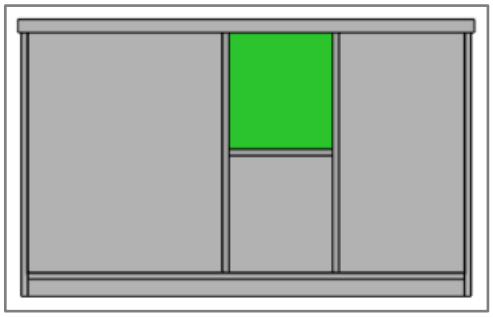


When the part is indented, only the centre panel itself is reset or indented.



When the part and the zone are indented, not only the centre panel as well as the zone is reset or indented.

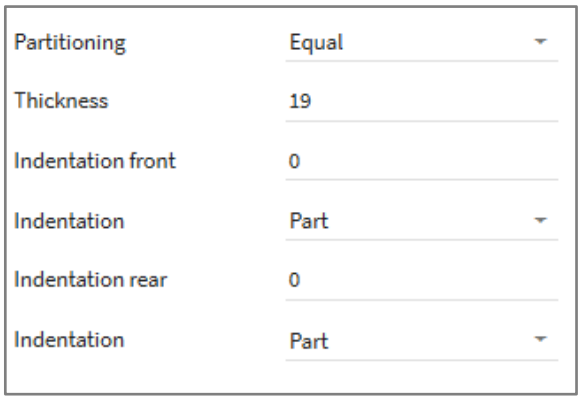
3.4.2 Constructional shelf



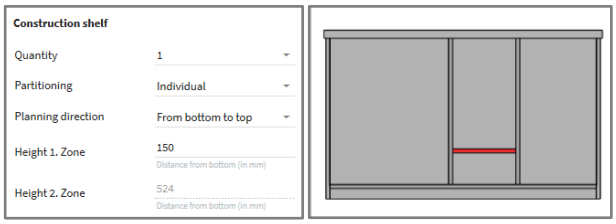
Similar to the centre panel, a constructional shelf divides a zone into further zones, which can then be equipped separately.

The number of constructional shelves in a zone is also limited to five.

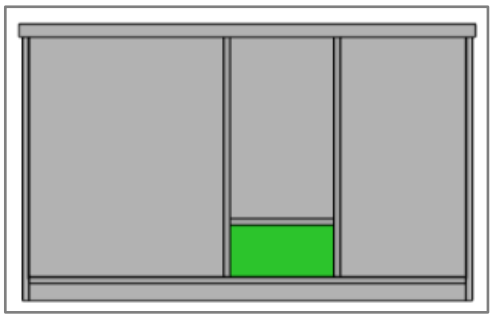
In the newly created zones, five constructional shelves can be inserted into each of the newly created zones, etc.



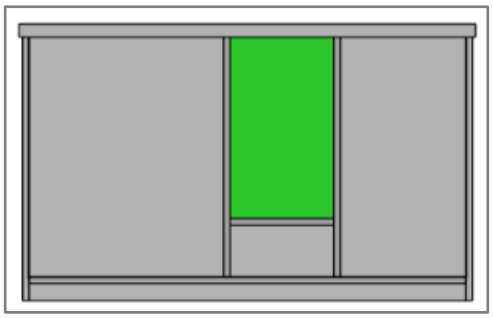
The adjustment possibilities are identical to the centre panel. As soon as the partitioning is "individually" selected, the zone dimensions can be defined.



As with the centre panel, you can define the planning direction for the individual partitioning and define the distances manually.

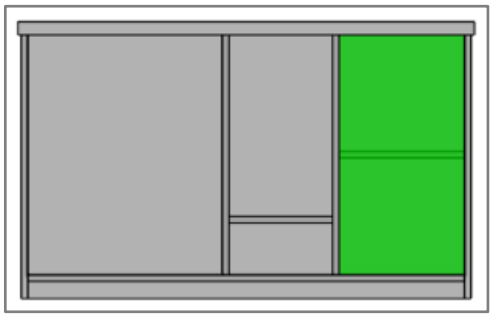


The inserted constructional shelf creates two new zones which can be equipped independently of each other.

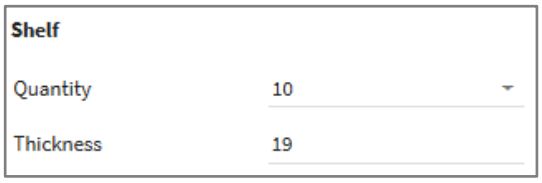


Depending on the size of the zone, different fitting elements can be mounted. For example, a door can only be used from a zone height of 400 mm, an upward opening flap fitting at a zone width of 300 mm.

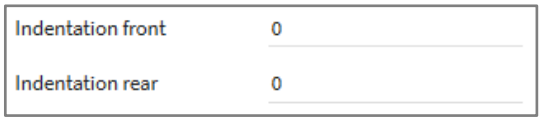
3.4.3 Shelf



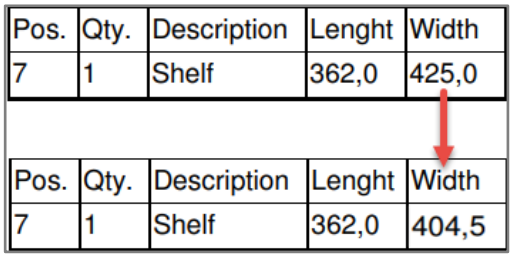
Shelves have no zone-partitioning effect.



Their number in one zone is limited to ten. The distribution is basically uniform.



The indentation of the shelves can be set manually.

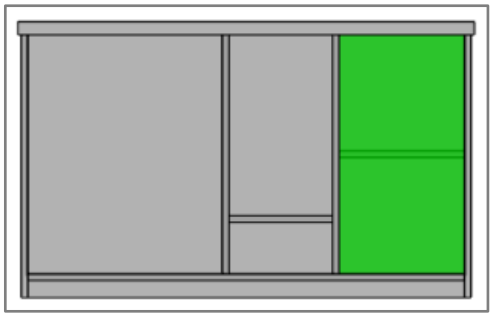


Pos.	Qty.	Description	Lenght	Width
7	1	Shelf	362,0	425,0

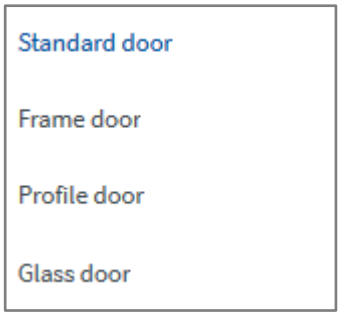
Pos.	Qty.	Description	Lenght	Width
7	1	Shelf	362,0	404,5

As soon as an inset door (hinged, sliding or sliding folding door) is inserted into this zone, the shelves are automatically indented by the required measure. As standard, 3 mm air to the front edge is calculated.

3.4.4 Door



To use a door the door height must be at least 400 mm.



You can choose from four types of doors:

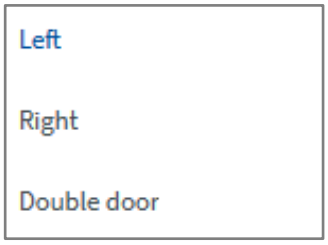
- Standard/ slim door
- Wooden frame door
- Profile / thick door
- Glass door

This selection has constructive / graphic as well fittings-related effects.

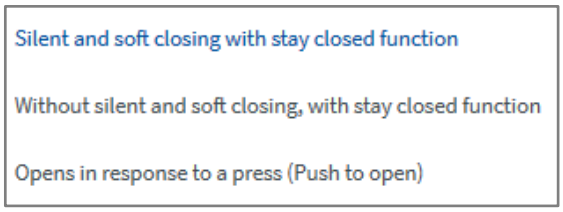
Tip: If, for example, a glass door is selected, the selection possibilities and the available values change dynamically. Thus, only door thicknesses of 4-6.5mm are possible.

The type of installation can be determined per door so that, for example, it can be combined with inset drawers.

If inset doors are planned, the shelves behind are indented accordingly.

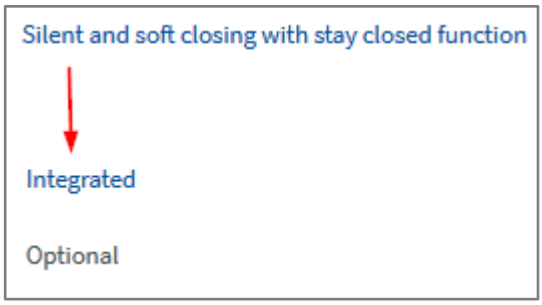


Up to a width of 600 mm, you can choose between the left, right and a double door mounting. Anything above that, the door is automatically set as a double door.



The selection of the door characteristic has a direct effect on the selection of fittings:

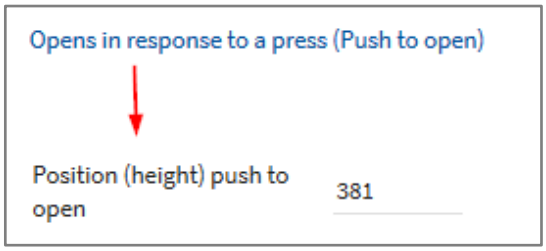
- Soft closing: The choices are Sensys-hinges with integrated damping and Intermat-hinges with optional damping
- Without soft closing: The choices are Sensys-hinges without integrated damping and Intermat-hinges
- Opens in response to a press: The choices are Sensys-hinges with and without integrated damping and Intermat-hinges



If *soft closing with stay closed function* is chosen, an additional selection field appears: damping type.

If *Integrated* is selected, only Sensys-hinges with integrated damping are offered in the fittings selection.

If *Optional* is selected, only Intermat-hinges with additional damping are offered.



If *Opens in response to a press (Push to open)* is selected, a new field appears, in which the position of the Push to open unit can be defined. The dimensional reference is made from below.

The cup distance gives the measure between the hinge cup and the door outer edge. The default value is 5.

The combination with a certain distance of the mounting plate can lead to an automatic adjustment of the cup distance.

The edge rounding is required for correct calculation of the mounting plate distance and it can be adjusted here. A maximum of 5 mm edge rounding is possible.

Depending on the size of a door, the optimum number of hinges is automatically calculated and set as default value.

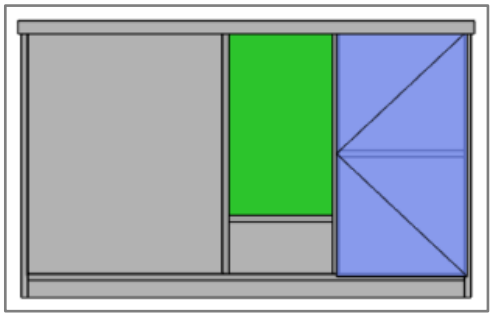
The *optimal number* refers only to the size of the door, not to the weight. This should be checked if necessary.

If this number is not reached manually, Hettich does not warrant that the door will function without a wall or be used safely.

The hinges are uniformly arranged. The distance of the upper and lower hinges to the top or bottom edge of the door can be set manually (up to 150 mm).

Tip: If the doors of a double door should not be the same width, you can set a virtual divider and thus provide the new unequal zones with a door each.

3.4.5 Flaps



As soon as a zone is large enough for a flap, it can be pulled into the zone.

Flap type	Standard flap
	Frame flap
	Profile flap

Similar to the hinged door, there are different types of flaps for flap door:

- Standard flap
- Frame flap
- Profile flap

Flap fitting	Folding-flap fitting
	Flap fitting
	Lift-up flap fitting
	Flap lift fitting
	Flap support

Depending on the size of the zone, different flap fittings are offered:

- Folding flap fitting
- Flap fitting
- Lift-up flap fitting
- Flap lift fitting
- Flap support

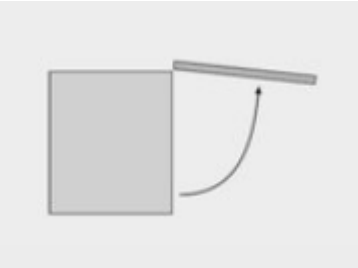
Folding flap fitting

Width: min. 300 mm

Height: min. 440 mm / max. 925 mm

Depth: min. 182 mm

Weight: min. 3.8 / max. 15.4 kg



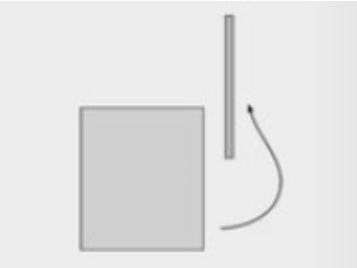
Flap fitting

Width: min. 300 mm

Height: min. 200 mm / max. 720 mm

Depth: min. 45 mm

Weight: min. 2 / max. 17.9 kg



Lift-up flap fitting

Width: min. 360 mm

Height: min. 277 mm

Depth: min. 182 mm

Weight: min. 1.7 / max. 17.6 kg

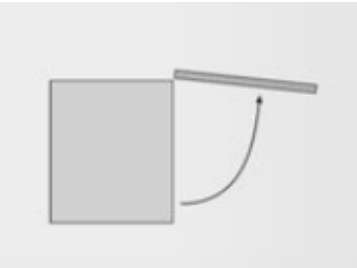
Flap lift fitting

Width: min. 360 mm

Height: min. 372 mm / max. 688 mm

Depth: min. 182 mm

Weight: min. 2.5 / max. 15.3 kg



Flap support

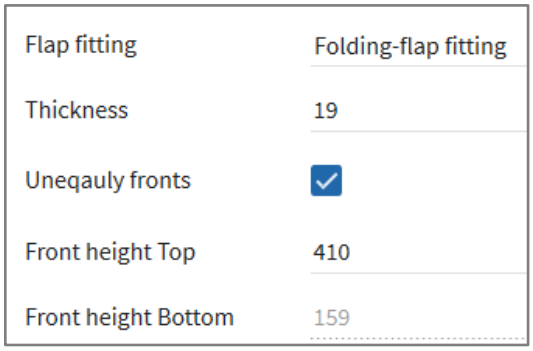
Width: min. 50 mm

Height: min. 200 mm

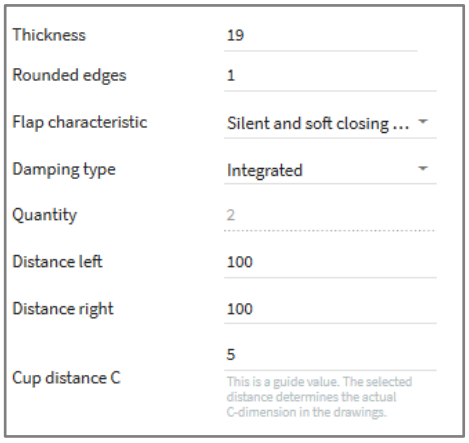
Depth: min. 150 mm

Weight: max. 31kg

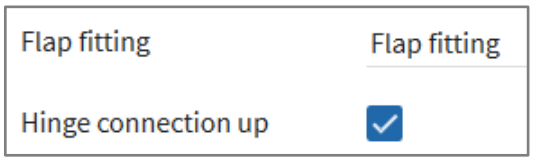
Info: The respective flap weight must be included in the permissible weights. In case of doubt, this must be checked on the furniture or component.



From an inner carcase height of 490 mm upwards, the two flap parts of the flap fitting can be divided unevenly.



All the fields which involve hinges are identical to that of the door.

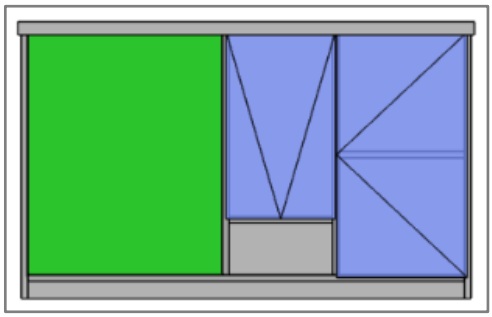


In the section of the flap fitting there is a choice of hinge connection at the top (height < 500 mm).

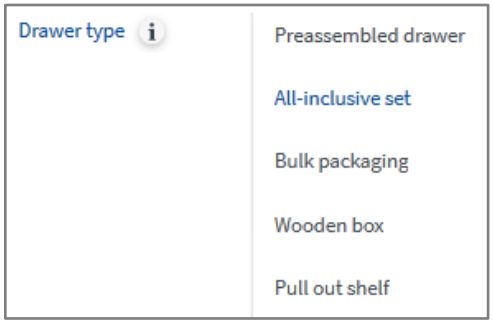
If the check mark is set here, a Lift Advance HK is selected in the fittings selection and suitable hinges are suggested.

If the field is not activated, no hinges are offered, only the flap fittings Lift and Lift Junior (without hinge connection) are offered.

3.4.6 Drawers

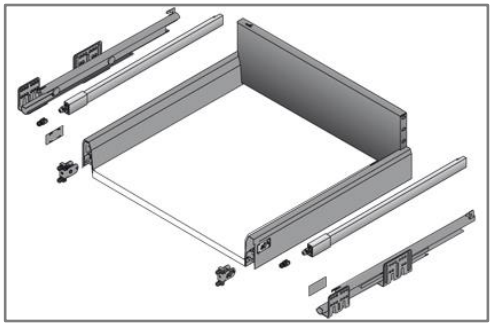


Drawers can be inserted from an inside clearance height of 79 mm.



There are also different types of drawers to choose from:

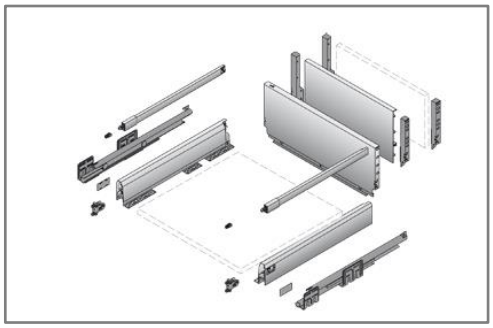
- Preassembled drawers (ArciTech, InnoTech)
- Preassembled drawers (AvanTech, ArciTech, InnoTech Atira, InnoTech, MultiTech)
- Bulk packaging (ArciTech, InnoTech Atira, InnoTech)
- In-house production drawers (wooden drawers with runners, e.g. Quadro, FR, KA)
- Pull-out shelf (wooden base without sides)



Preassembled drawers consist of:

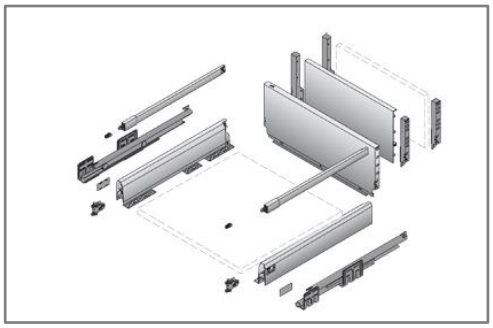
- Drawer side profiles (incl. drawer front connector)
- Steel back panel (only for standard widths) or wooden back panel incl. connecting fittings (for individual dimensions)
- Bases
- Cover caps plastic with Hettich logo

The drawer runners as well as the side elements (rails/ DesignSide / TopSide) are subsequently selected.



Preassembled sets / flexible sets consist of:

- Drawer side profiles (incl. drawer front connector)



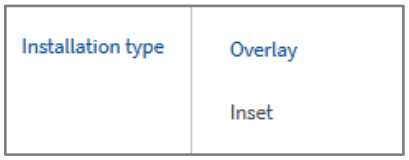
The parts of bulk packaging are individually put together:

- Drawer side profiles

- Lengthwise railing (incl. drawer front connector) or TopSide (incl. drawer front connector) or DesignSide glass and DesignSide adapter (incl. drawer front connector)
- Steel back panel (only for standard widths) or back panel connectors or aluminium back panel and back panel connectors
- Cover caps plastic with Hettich logo

The drawer runners are subsequently selected.

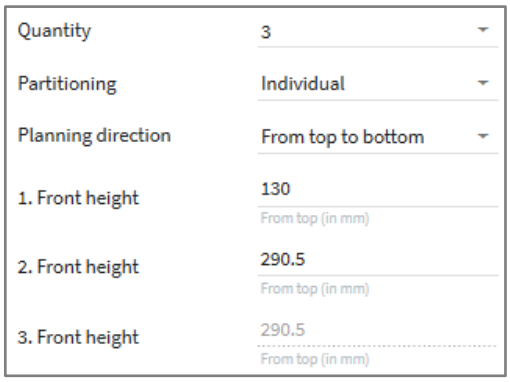
- Lengthwise railing or TopSide or DesignSide glass and DesignSide Adapter
- Steel back panel (only for standard widths) or back panel connectors or aluminium back panel and back panel connectors
- Drawer front panel connector for drawer side profiles/ railing / TopSide
- Cover caps
- Drawer runners



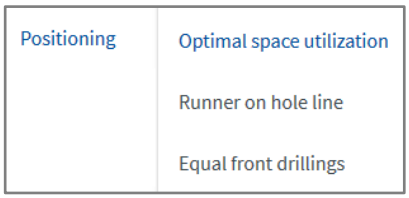
The type of installation is easy to select.

The number of drawers per zone is limited to 6.

Tip: If more than 6 drawers are required, the zone can be divided in advance by a virtual partitioning. Up to 6 drawers can then be inserted into each zone.



Number and partitioning can be determined at will. When you select *Individual*, the field Planning direction appears. The dimensions of the individual drawers can be defined below. The last one is always calculated automatically.



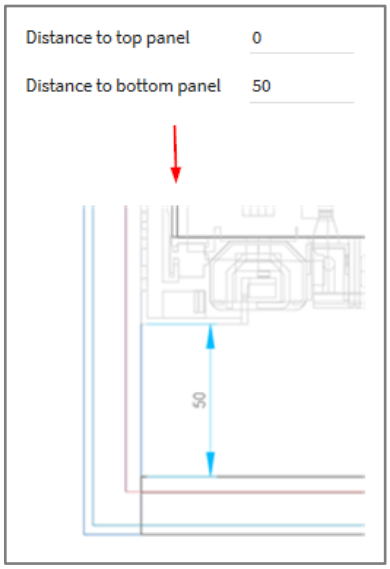
The positioning of the drawers offers three options:

- Optimum space utilisation (positioning of the drawer runners as low as possible)
- Runner on hole line (selection only possible, if the hole line has been activated; drawer runners are set on the hole line not taking into consideration the space utilisation, no additional holes are created)
- Same front holes (irrespective of the front overlays, the drawers are positioned in such a way that the front holes of the doubles are identical)

By entering a value in *Indentation rear*, the drawer is shortened, so it no longer uses the maximum zone depth.

Tip: If the same indentation dimension is not desired for all drawers, the zone can be divided beforehand by virtual partitioning. Afterwards, the newly created zones can be equipped with drawers and a separate indentation dimension can be defined for each zone.

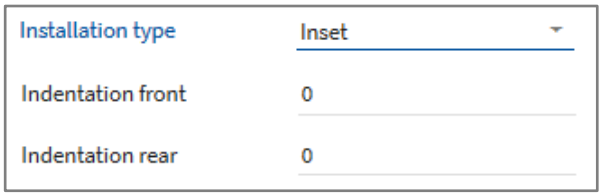
Alternatively, the nominal length can be filtered in the fitting selection for each individual drawer, so that the desired length can be used.



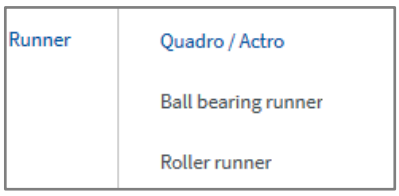
The entry Distance to the top or bottom panel refers to the fittings behind the panels.

If the distance to the bottom panel is specified as 50, the distance between the bottom panel and the lower edge of the drawer runner is 50 mm.

Accordingly, the selection of fittings is limited to the lower inner height. The drawer panel remains in the same height.



If the installation type *Inset* is selected, the indentation dimension at the front can also be determined.

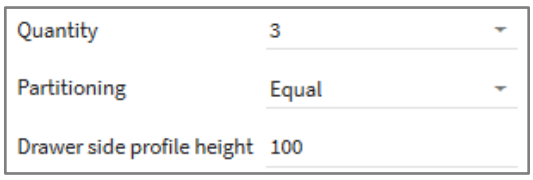


The drawer type *Self-produced drawer* designs a wooden drawer which can be planned with different runners:

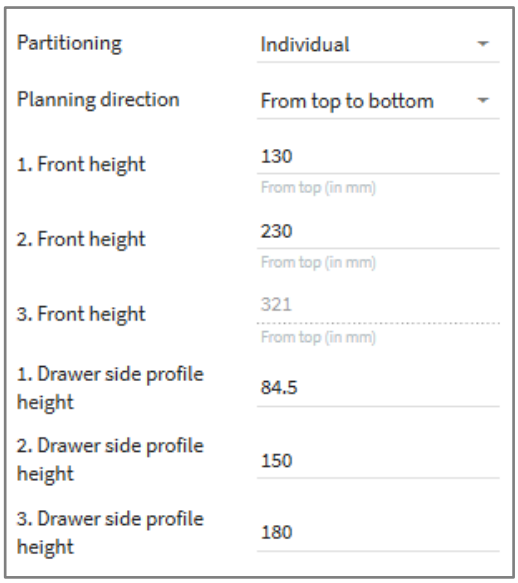
- Quadro / Actro: concealed under panel runner
- Ball bearing runner KA: horizontally guided runner (depending on the runner, with or without groove)
- Roller runner FR: bottom overlay, laterally visible runner

The *Installation type* (*overlay* or *inset*) as well as the number of drawers can be defined. Here too, the number of drawers is limited to 6.

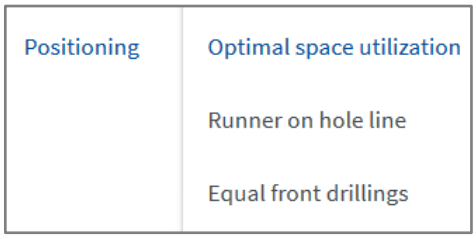
Tip: If more than 6 drawers are required, the zone can be divided beforehand by a virtual partitioning. Up to 6 drawers can then be inserted into each zone.



If there is more than one drawer, the partitioning can be defined. If there is equal partitioning, all drawer side profiles are planned at the same height.

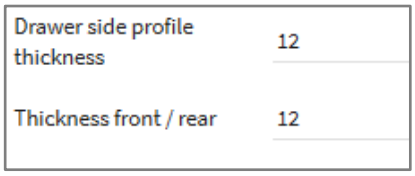


In case of individual partitioning, the front height as well as the drawer side profile height can be set for every drawer individually.

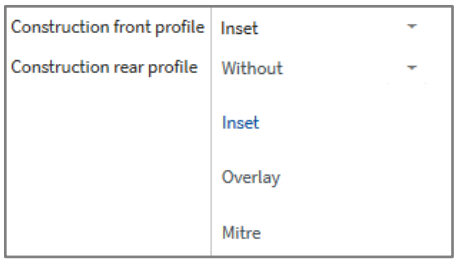


The positioning of the drawers offers three options:

- Optimum space utilisation (positioning of the drawer runners as low as possible)
- Runner on hole line (selection only possible, if a hole line has been activated; drawer runners are set on the hole line not taking into consideration the space utilisation, no additional holes are created in the carcase sides)
- Same front holes (irrespective of the front overlays, the drawers are positioned in such a way that the front holes of the doubles are identical)

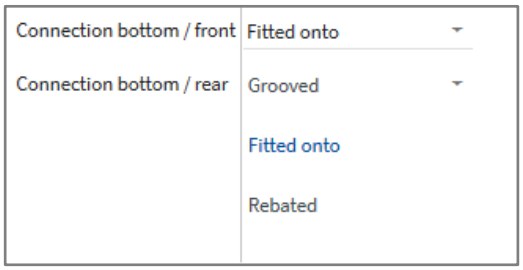


Material thicknesses of drawer side profiles and front and rear profiles can be set independent of each other.



Front and rear profiles can be designed in the following variants:

- Without (only for the front profile; drawers are connected to the double without a front profile)
- Inset
- Overlay
- Mitre



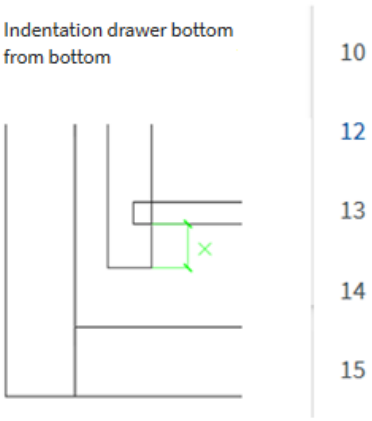
The connection of the front and rear profiles to the base can also be defined:

- Grooved
- Fitted onto
- Rebated

Tip: More details and explanatory sketches of different types of constructions can be found in the handbook *Carcase constructions*.

Connection bottom / side profil	Grooved
Drawer bottom thickness	6
Groove depth	5

The connection of the side frames to the base can also be defined and, if a groove has been selected, the values for the groove can be changed.



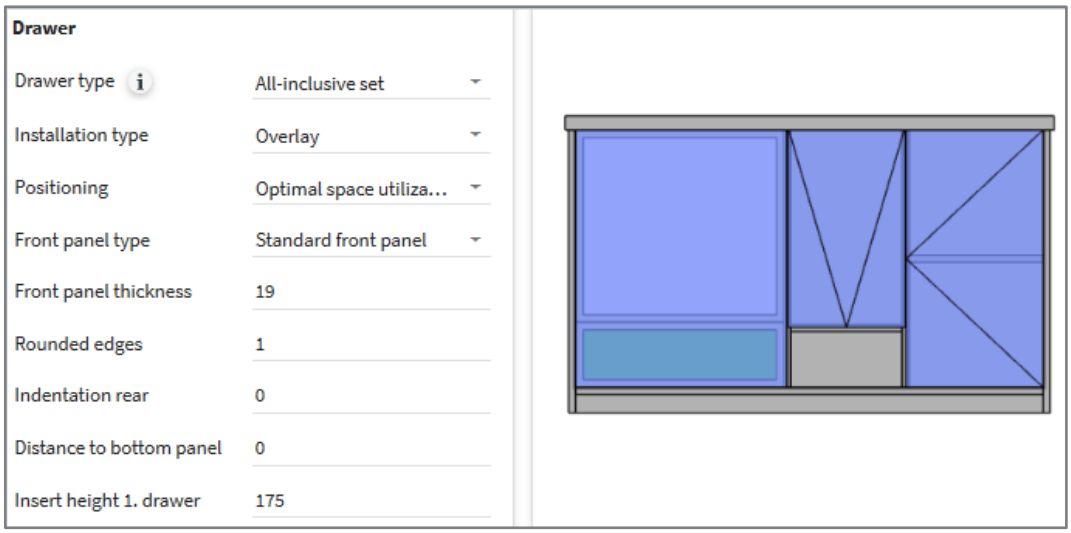
Depending on the drawer runner, the indentation dimension could vary:

Indentation dimension / drawer runner	Actro 5D	Quadro 25 Plug-in assembly	Quadro 25 Slide-on assembly	Quadro V6	Quadro 4D V6	Quadro V6+
10		X				
12	X		X	X	X	X
13	X		X	X	X	X
14	X					
15	x					

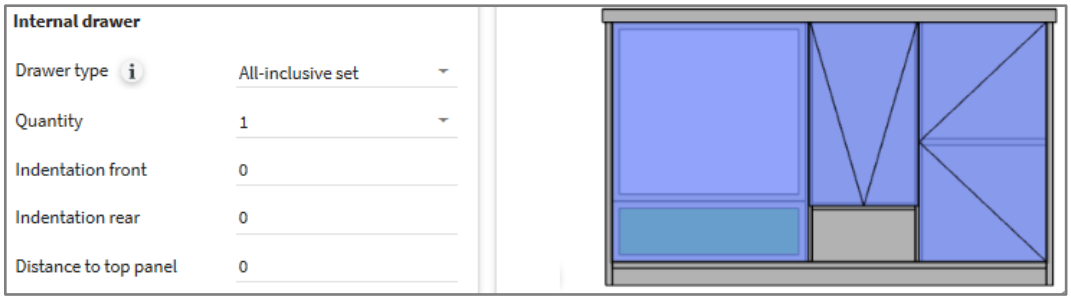
3.4.7 Internal drawers behind drawers

In this element, in addition to the drawer with front, internal drawers are also inserted into the carcase. In the subsequent section, only those parameters that appear in addition to those described in the section Drawer are considered.

The dialogue is divided into two sections: drawers and internal drawers.



The section Drawer refers to the bottom drawer which is connected to the front.



In the section Internal drawer, all the parameters for the drawer (s) can be changed, which are above the "fixed" drawer (s) and can be operated independently of the front.

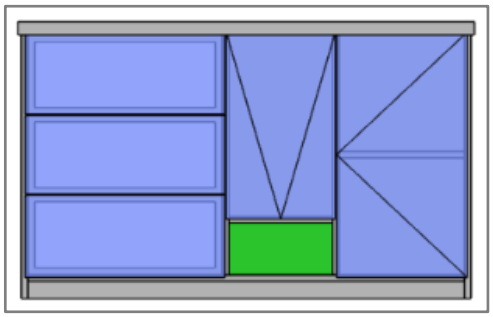
The distance from the bottom edge of the drawer runner to the bottom panel can be specified.

The insertion position of the first drawer determines the distance to the bottom panel which should have the lowest internal drawer. The exact same inner dimensions then remain for the drawer which is connected to the front.

Drawer type	Preassembled drawer
	All-inclusive set
	Bulk packaging
	Wooden box

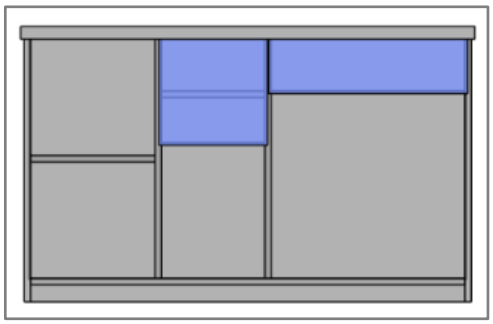
Unlike in the drawer, the selection possibility Pull-out shelf is not available in the drawer type.

3.4.8 Panels

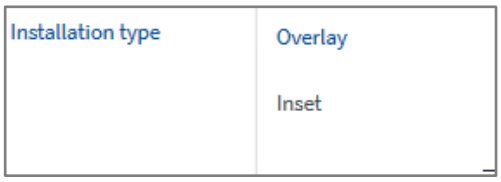


The inner dimensions of the zone are irrelevant to be able to place a panel.

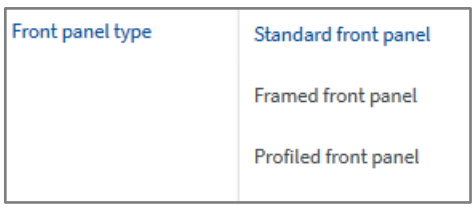
The panel itself must have a front height between 100 and 300 mm.



This means that it could protrude beyond a zone or only partially cover the zone.



The installation type can be selected as overlay or inset.



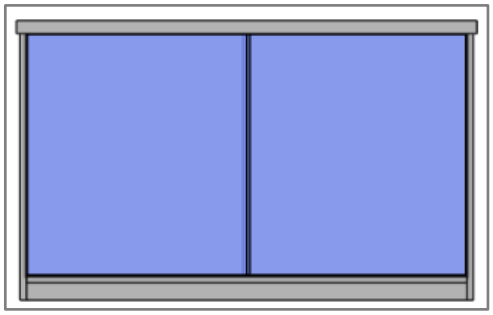
Just like drawers and doors, the panel types can also be selected:

- Standard front panel
- Framed front panel
- Profiled front panel

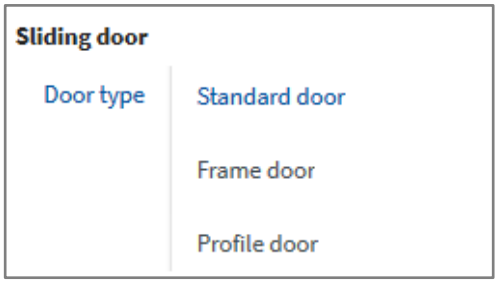
The front panel thickness can be fixed between 14 and 99 mm. The rounded edges permit values between 0 and 5 mm.

3.4.9 Sliding door

In this chapter, only the sliding doors are considered as fitting elements, i. e. those that can be placed in a standard carcase. All sliding door constructions requiring a special carcase construction can be found in Chapter 0.



To be able to place a sliding door in a zone, it must have an inner width of at least 790 mm. The inner height must be at least 310 mm.



Similar to the previous door screens, it is possible here also to select the door type:

- Standard / slim door
- Wooden frame door
- Profile / slim door

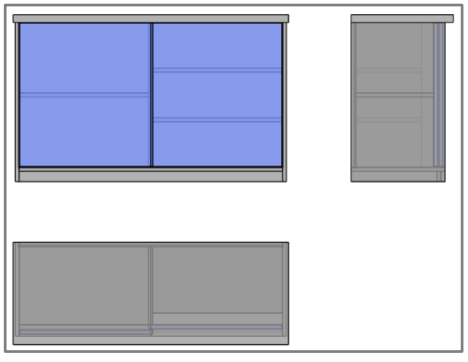
The number of doors can be specified.

The zone width can be specified for the door.

If doors have been selected, the door sequence as well as the door width can be determined:

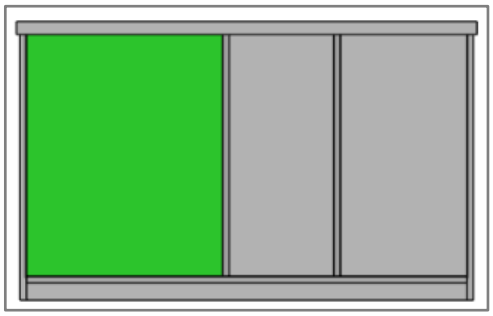
- Same door width
- Same door view

The door overlapping must be between 1 and 100 mm.

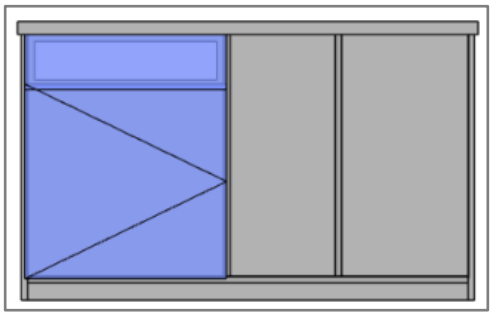


Thereafter, the fitting elements like centre panels, constructional shelves and shelves can be placed. These are set behind the sliding doors and do not divide the sliding doors.

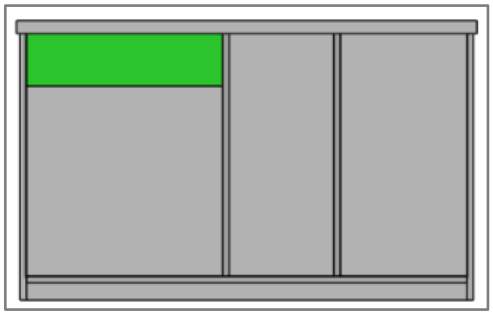
3.4.10 Virtual partitioning



A virtual partitioning can be used if two different elements or a large of elements should be inserted in a zone.

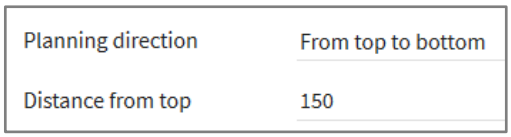


For example, a drawer can be installed above a door without having to use a constructional shelf.



The virtual partitioning is displayed as a thin line and divides the zone into two new zones. The insertion can be repeated as often as required to divide the new zones again.

Since the planning direction can be set not only horizontally but also vertically, "virtual centre panels" can also be created.



Depending on the planning direction selected, the distance of the virtual partitioning can be entered.

The dimensions of the zone height and front width are displayed as information.

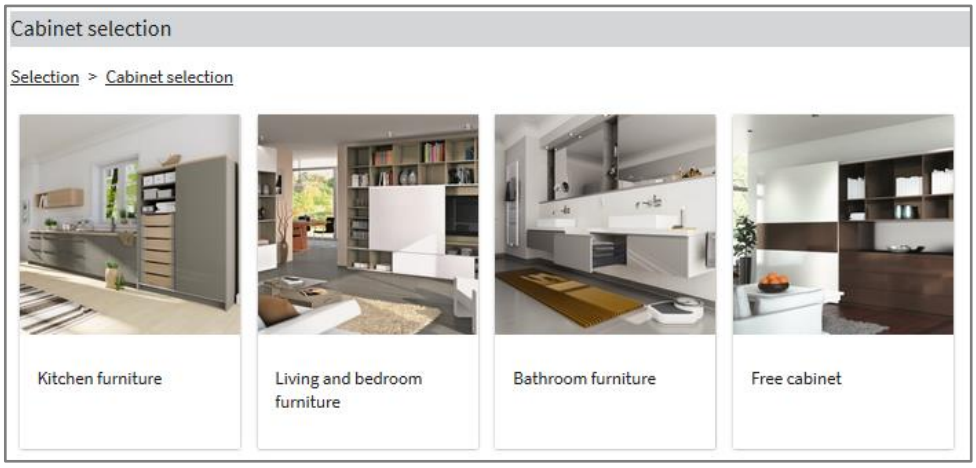
Tip: If you want to insert more elements into a zone than can be selected in the pull-down menu, you can insert a virtual partitioning. The maximum number of elements can then be inserted into the newly created zones.

Example: A tall cabinet should have more than 6 drawers on top of each other. A virtual partitioning can be inserted here and the desired number of drawers can be inserted into the two new zones.

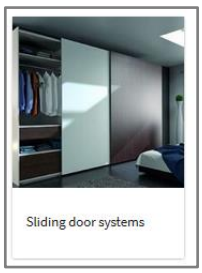
Tip: If you want to remove the virtual partitioning, it must be activated as a part. A horizontal divider can best be selected in the top view. By clicking the top panel several times, the virtual partitioning is selected first as a zone (marked in green) and then as a part.

For a vertical divider, the selection in the side view is accordingly recommended.

4. Sliding door systems

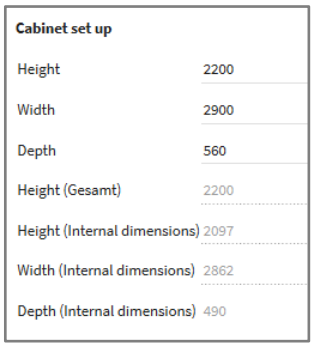


Sliding door systems requiring a special carcase construction can be found in the sections living and bedroom furniture.

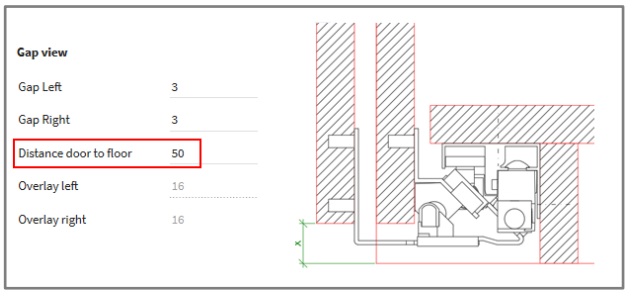


Since the different systems sometimes require fundamentally different carcase constructions, these are subdivided in advance.

In contrast to fittings elements, the type of door must be determined before the actual construction begins. A sliding door cabinet with overlying doors requires a different plinth and top panel construction compared to one with inset doors.



Similar to the *Cabinet set up* in the section free cabinet planning, the dimensions can be defined here also.



In the section *Gap view*, a new point appears: *Distance door to floor*.

The plinth height is accordingly adjusted automatically.

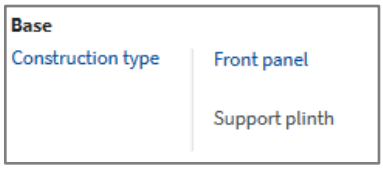
4.1 Carcase elements of the sliding door cabinet

Carcase elements that are not explicitly explained in this chapter are identical to those already listed in Chapter 0.

With the exception of the cover plate, all the above-mentioned carcase elements are also available and can be changed in the sliding door cabinet. In addition, there are the parameters for the sliding doors:

- Carcase sides
- Top panel
- Bottom panel
- Plinth
- Back panel
- Sliding doors

4.1.1 Plinth

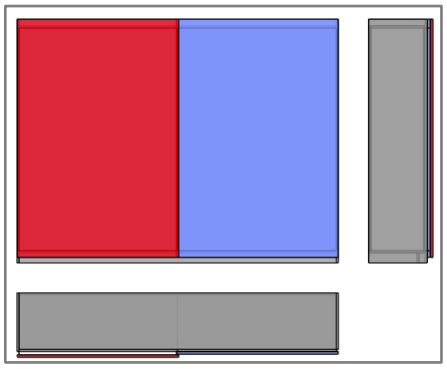


In the case of the plinth type, only the front panel and the support plinth are possible, since the side / base construction does not permit other possibilities.

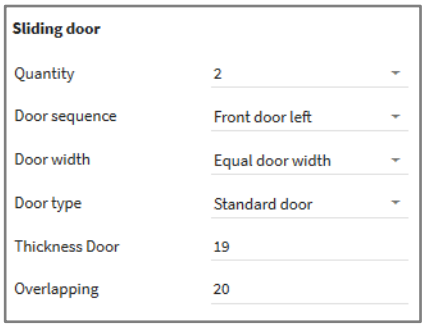
In contrast to the plinth, the plinth height cannot be adjusted directly in free planning. It is calculated automatically and can be influenced by changing the value *Distance Door to floor*.

4.1.2 Sliding doors

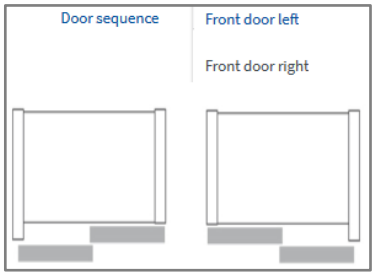
The default values change depending on the entered dimensions. Thus, the initial value shows a 3 m wide sliding door wardrobe with two doors and a 4 m wide wardrobe with three doors. These values are initial values that can be individually adjusted within the framework of the specifications.



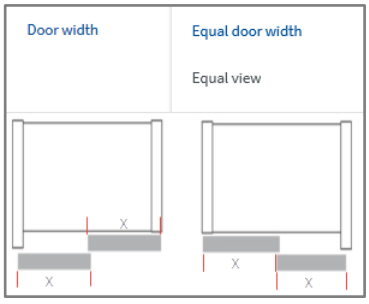
Like the previous carcase elements and parts, clicking on a door opens the corresponding dialogue window.



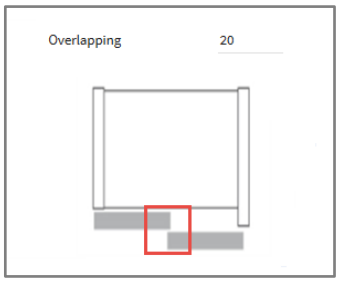
The number of doors can be defined. Depending on the cabinet width, one to four doors can be made.



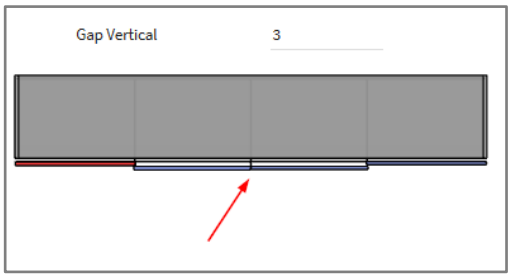
The door sequence can be changed quickly. (Only for 2-door cabinets)



The desired door width can be adjusted immediately, or for the same view, the overlapping is calculated automatically. (Only for multi door cabinets)



The overlapping of the two doors can be adjusted between 20 and 150 mm.



In the case of four doors, a gap is created between the two of the full overlays, which can be defined.

Tip: The following article selection is based on the information given here. A sliding door system which, for example, requires a greater distance between the doors and the floor is not offered in the hardware selection.

If the desired fitting is not offered in the selection of fittings, it is advisable to check the desired article for the set values using the (online) catalogue.

In principle, however, a fitting matching the specifications is always offered.

4.2 Fitting elements in a sliding door cabinet

The following fitting elements can be placed in a sliding door cabinet:

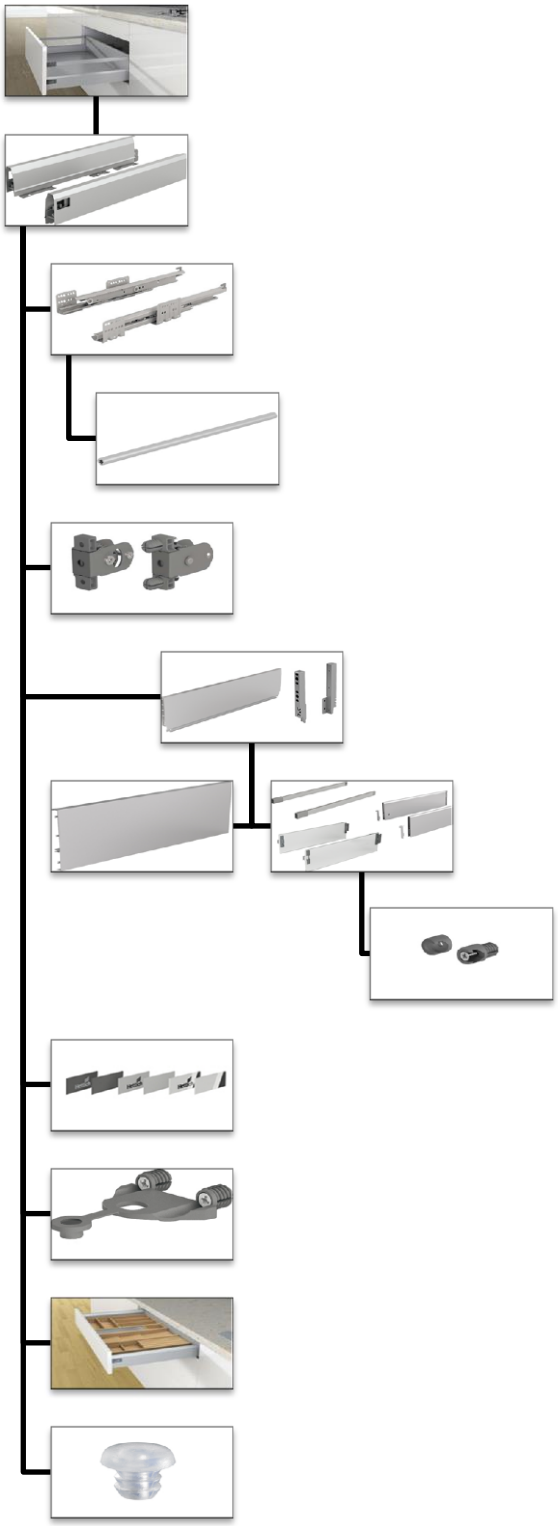
- Centre panel
- Constructional shelf
- Shelf

These elements, their features and their application are described in detail in Chapter 3.4.

5. Selection of fittings

The guided process of fittings selection facilitates reliable determination of suitable fittings. A check of the mandatory articles means that no mandatory component can be missing.

5.1 Structure of the fittings selection



A drawer consists of the following components, which are requested one after the other:

Side panel (or drawer set)*

Runner*

Accessories for the runner (e.g. in case of Push to open*), where necessary

Front fittings for panel* (if not included in the set)

Back panel or back panel connector*

Aluminium back panel, where applicable

Side design elements such as railing, TopSide, DesignSide (for pot-and-pan drawers*), where applicable

Front connectors for the side design elements (for pot-and-pan drawers*)

Cover caps

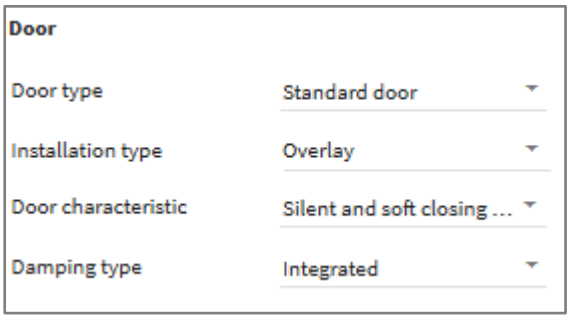
Front stabiliser

Internal organisation

Stops and other optional accessories

*Mandatory selection

The fittings offered are always based on the specifications and settings that have already been made on the components or the construction itself.

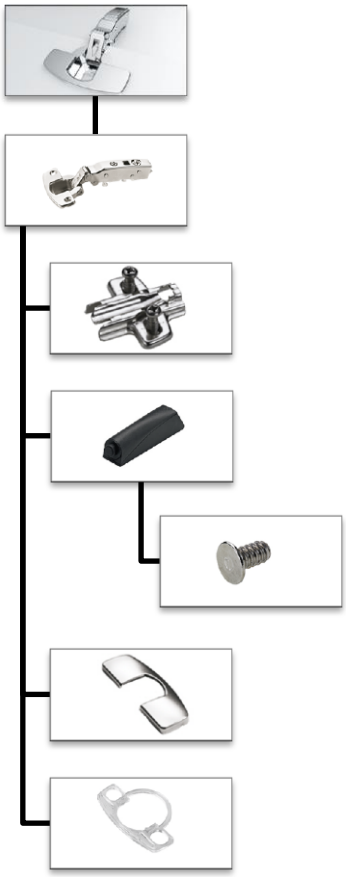


Thus, after the selection of a complete set, no complete box is offered in the fittings selection and also no articles with large packaging (components).

For example, the selection *standard door* prevents glass door hinges from being offered. The type of installation has a direct influence on the base of the offered hinges. The door-feature *damped closing, integrated*, allows only Sensys hinges with integrated damping for selection.

Tip: Articles which are absolutely necessary to realize a construction, e. g. a drawer runner are marked with a *. Mandatory articles must be selected - the next step in the carcase overview is only possible if all mandatory articles are selected.

Articles which are optional, without which the functionality of the fitting is not restricted, such as cover caps are not marked in any special way and can be skipped.



Following components are required for a hinged door with handleless opening:

Hinge*

Mounting plate*

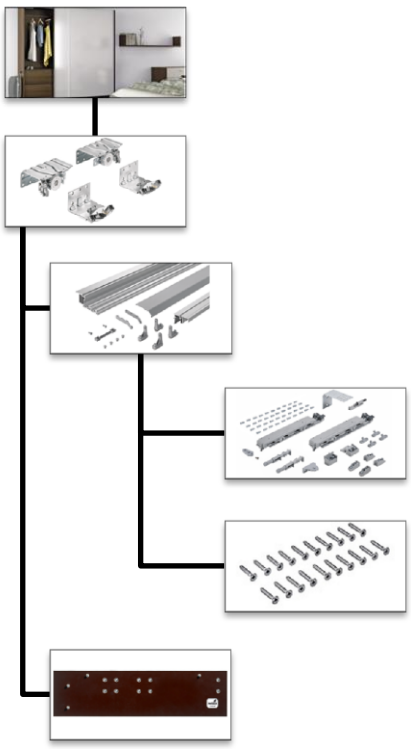
Push to open accessories (if handleless opening selected*)

Accessories for Push to open (depending on the previous selection*)

Cover caps

Additional optional accessories

*Mandatory selection



Following components are required for a sliding door cabinet:

Sliding door fitting*

Runner profile / Profile set*

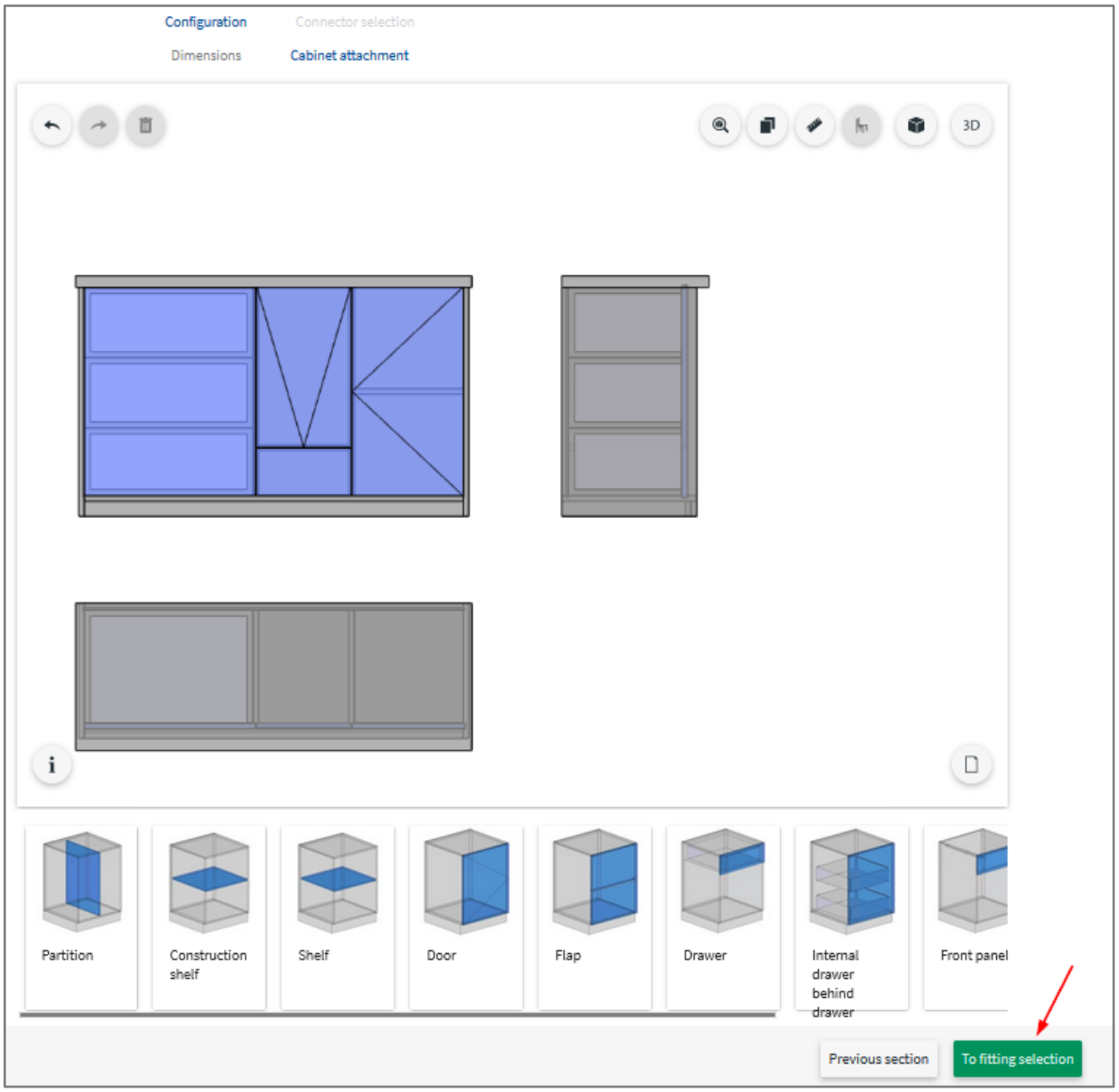
Damping and opening system

Profile connector

Drilling template

*Mandatory selection

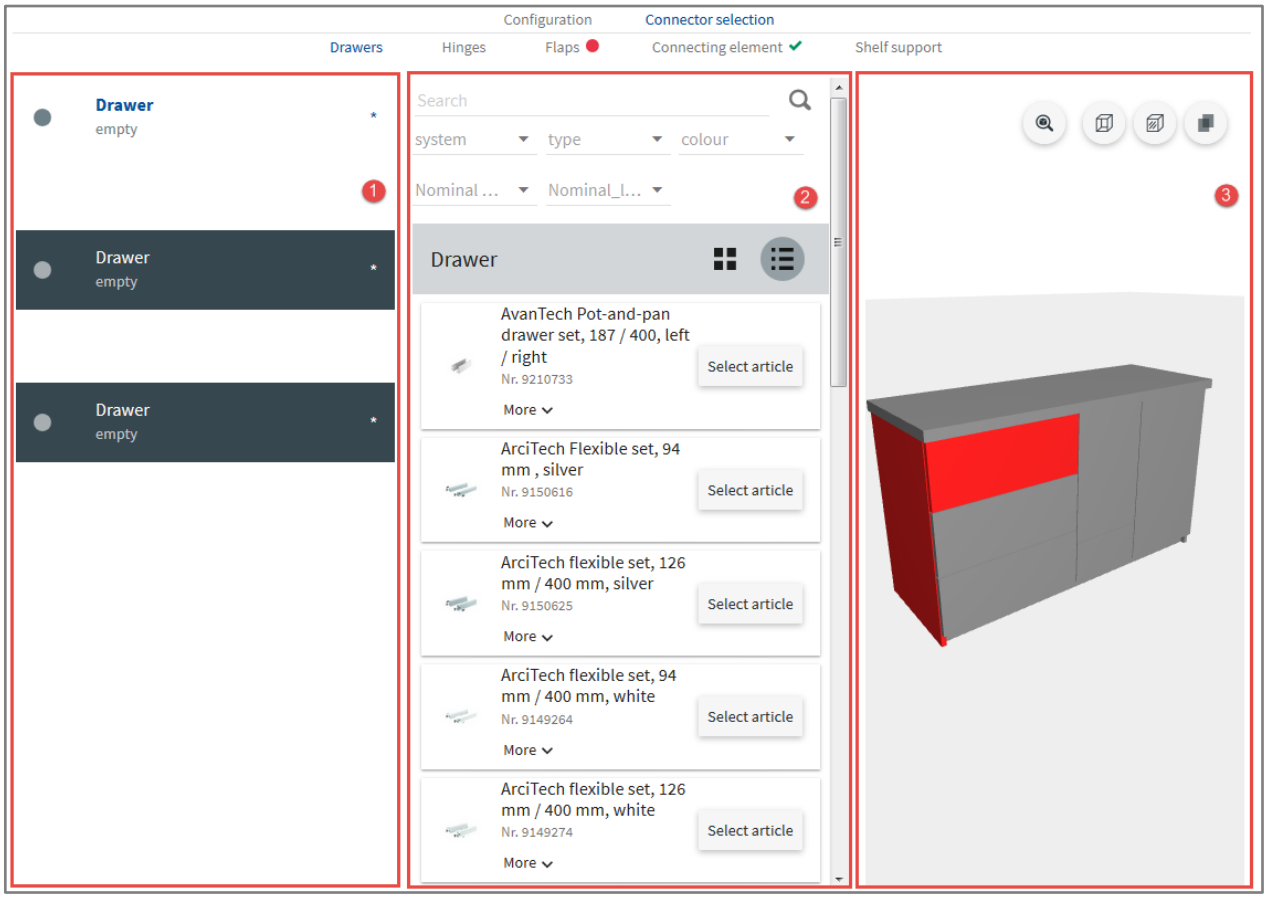
5.2 Fittings selection with the example of a construction



The button *To fitting selection* takes you to the next step.

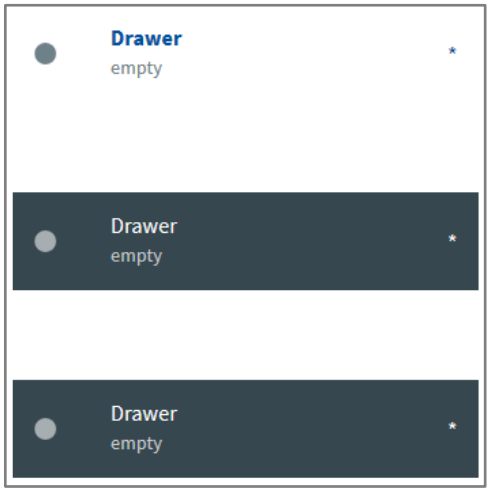
All required elements are listed here and the possible fittings are suggested on the basis of the inputs given so far.

If only one fitting is possible for the created construction, this is selected automatically. In the *Connecting element* area, a green check mark is displayed directly.

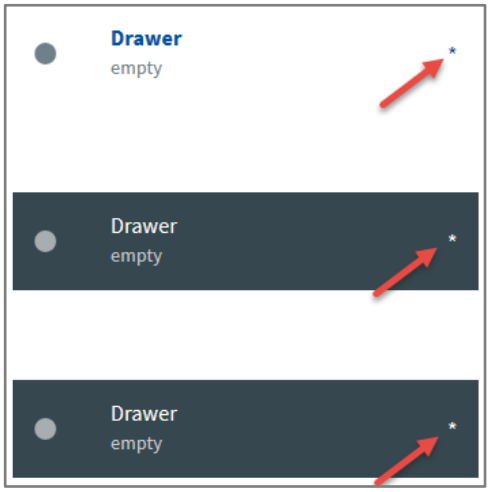


The selection of fittings is divided into three sections:

1. The current fittings group is displayed in the left side area
2. The possible fittings are displayed in the middle.
3. On the right side, the currently active part is highlighted in the preview, for which a selection is expected.



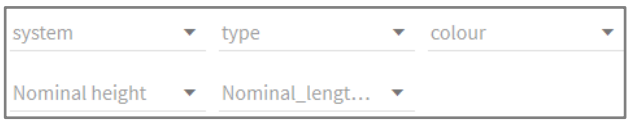
The active fitting situation is shown with a white background.



Each mandatory article is marked with a *. As soon as all mandatory articles have been selected, the button *To the carcase list* appears at the bottom of the screen.

Various search and filter options are displayed above the possible fittings.

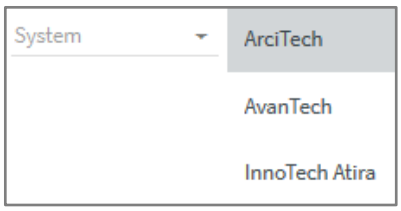
You can enter an article number in the search field - if it is included in the list of suitable fittings, the corresponding article will be displayed immediately and you can select it.



The filters can vary depending on the fitting group, e. g. for shelf supports, hinges and drawers.

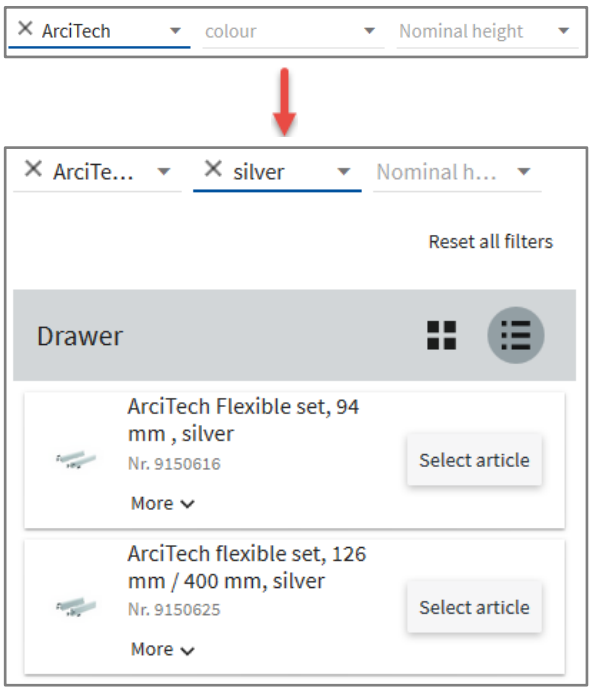
Tip: If the product is not found, this can have different reasons:

- The article does not match the construction.
- The article does not match the specifications already made: e. g. the type of drawer selected is *complete box*, but the desired article number belongs to a *complete set*.
- The article is not available (anymore).



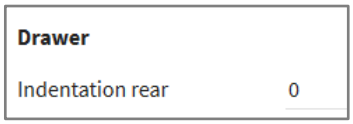
The filters can be used to shorten the list of possible fittings. Depending on the selection selected in the configuration, the possible drawer systems are offered for selection.

If complete kits have been selected, the AvanTech system is not offered here.

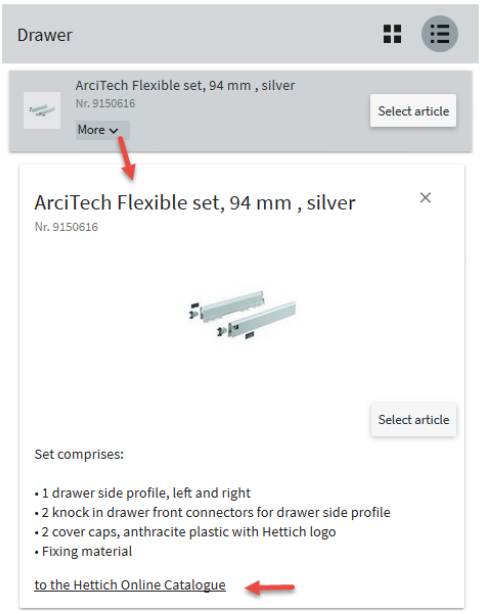


The filter options change dynamically, in case just one selection is possible.

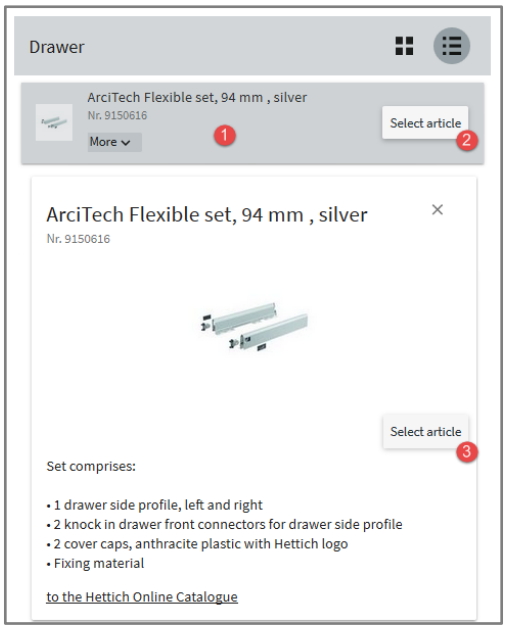
The colour and nominal height of the drawer can be specified in order to shorten the list of articles.



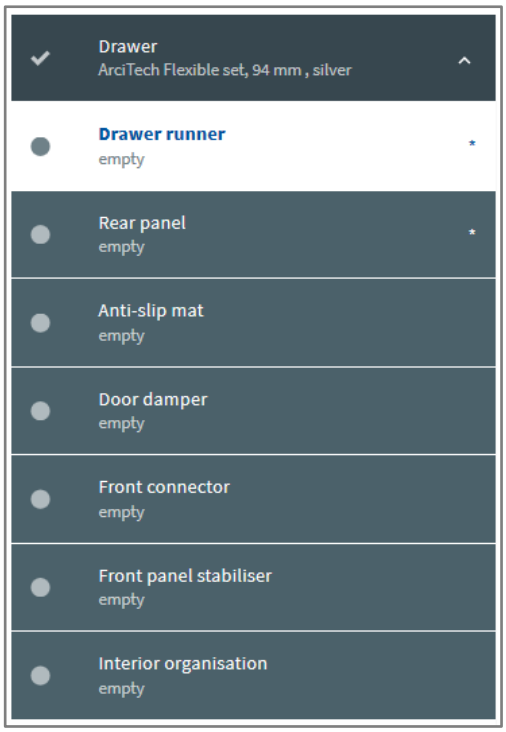
Tip: In general, the longest drawer side profile is always offered. If a shorter drawer is required, the *indentation dimension at the rear* can be adjusted in the *configuration area*.



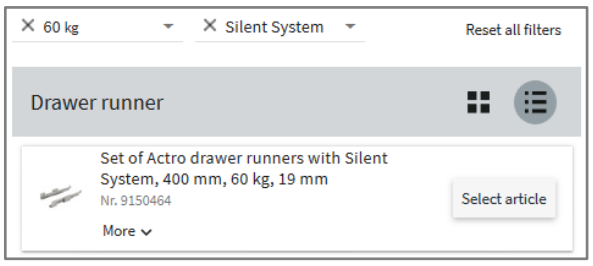
Click on the *More* button to open a window with further information about the article. From here, one can directly access the *Hettich online catalogue*.



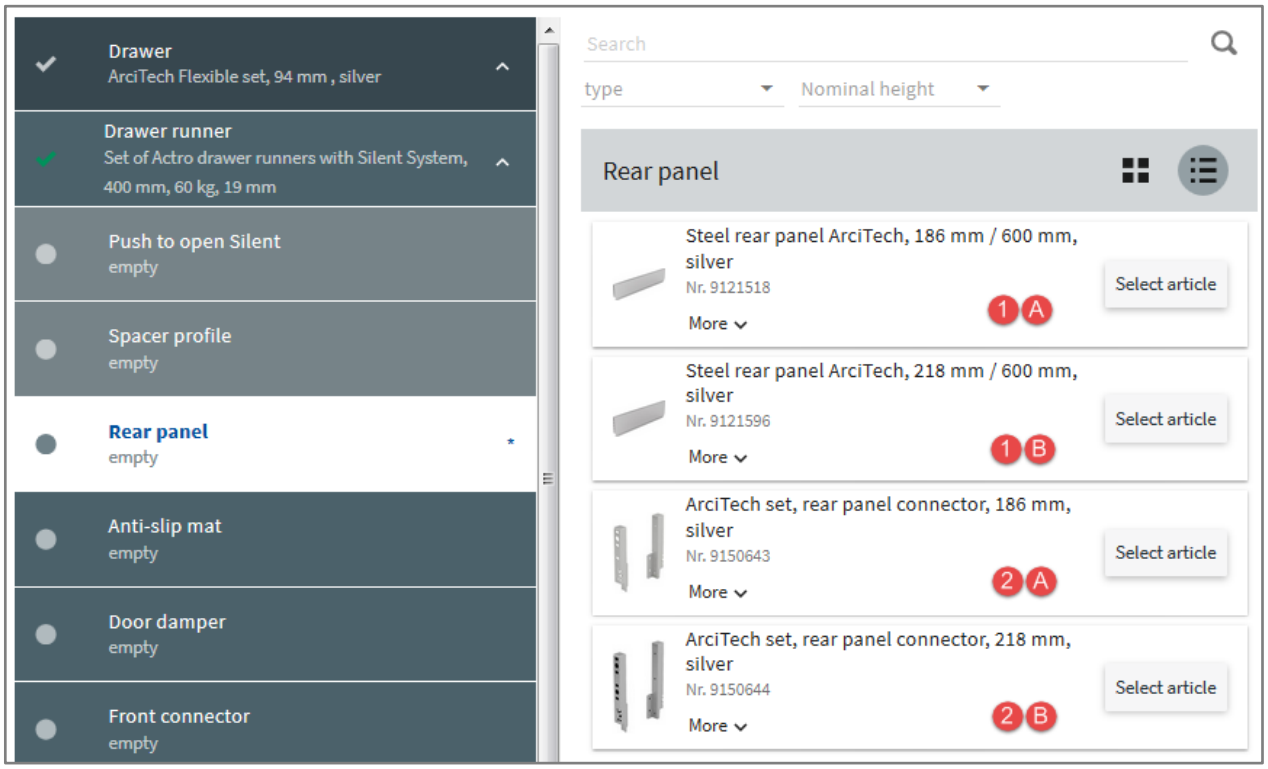
A click on the title field of the article 1 or on the button *Select article* 2 / 3 fixes the product.



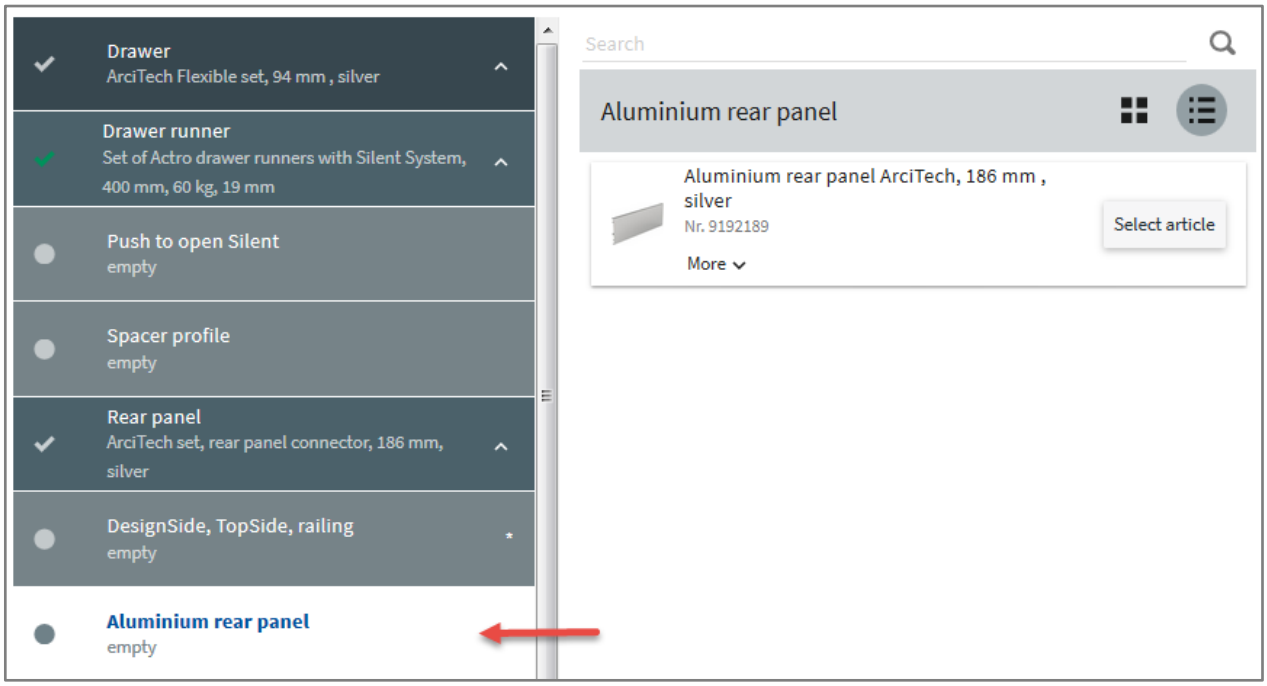
Once an item has been selected, a green check mark appears in the list 1. Below the main article there are now further accessories: The pull-out guide and the rear panel are compulsory articles.



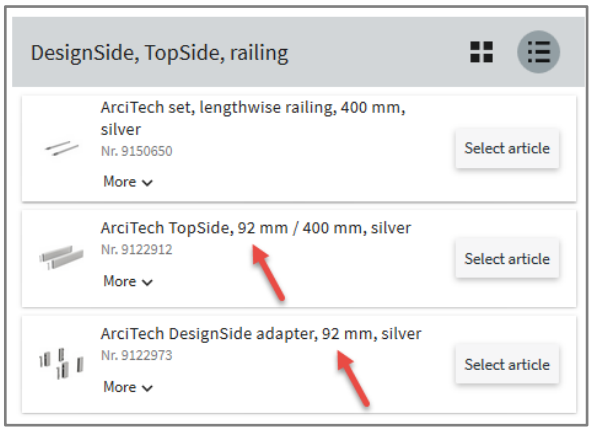
Further articles are chosen according to the same logic. You can directly select an article from the list, or you can use the filters to restrict your selection.



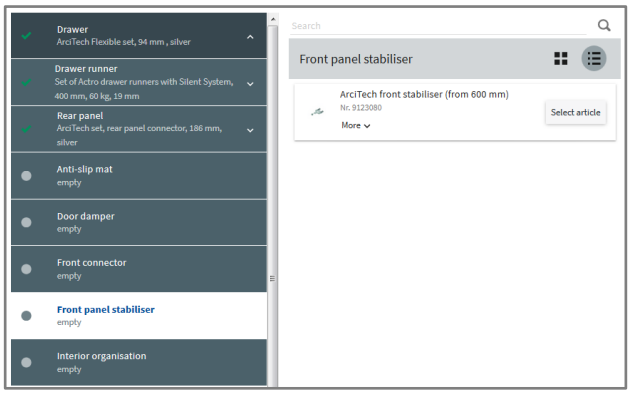
In principle, the maximum possible heights are suggested. In this case, two different system heights are possible for the designed front heights, a steel back panel each and the back panel connectors.



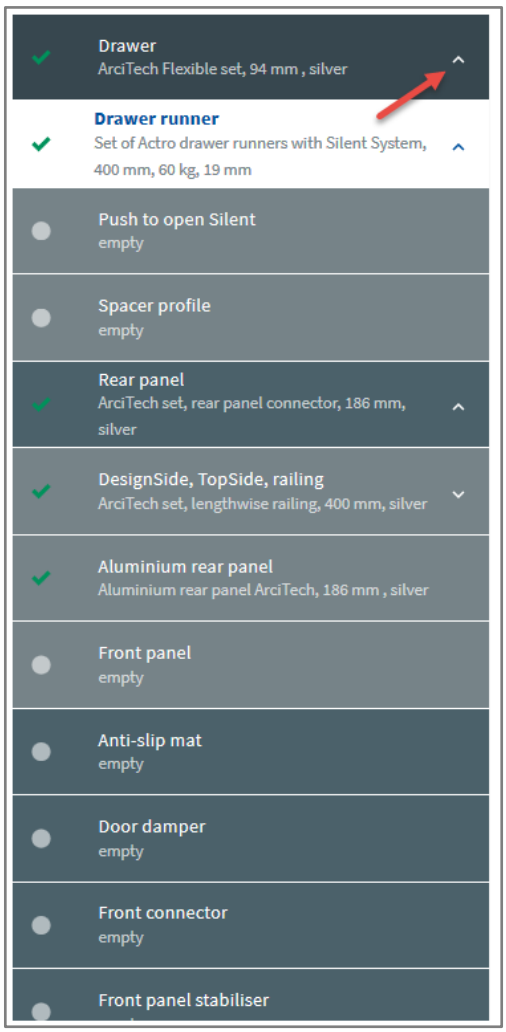
Tip: If an aluminium rear panel is required, this can be selected as an accessory for the rear panel connectors, as these are mandatory. Once the rear panel connectors are selected, the aluminium rear panel gets listed as an optional accessory.



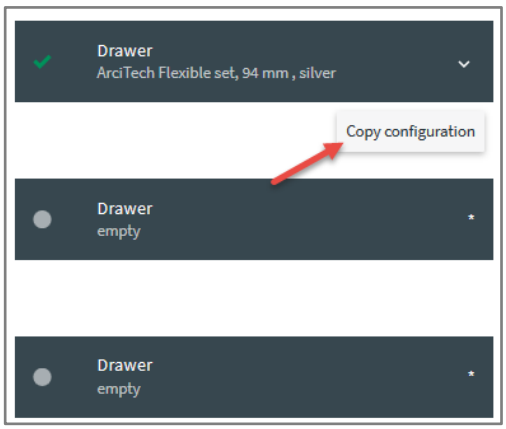
The system supplies the appropriate accessories. For example, in consideration of length and height.



Depending on possible accessories, the list of sub-articles may become long. Once the desired articles have been selected, it is recommended to "collapse" the list.

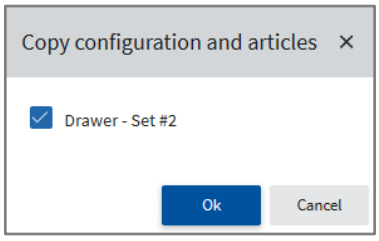


Depending on possible accessories, the list of sub-articles may become long. Once the desired articles have been selected, it is recommended to "collapse" the list.

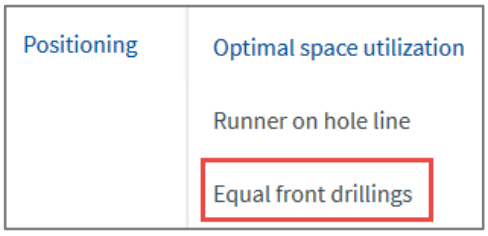


If there are similar fitting situations, the selected articles can be copied.

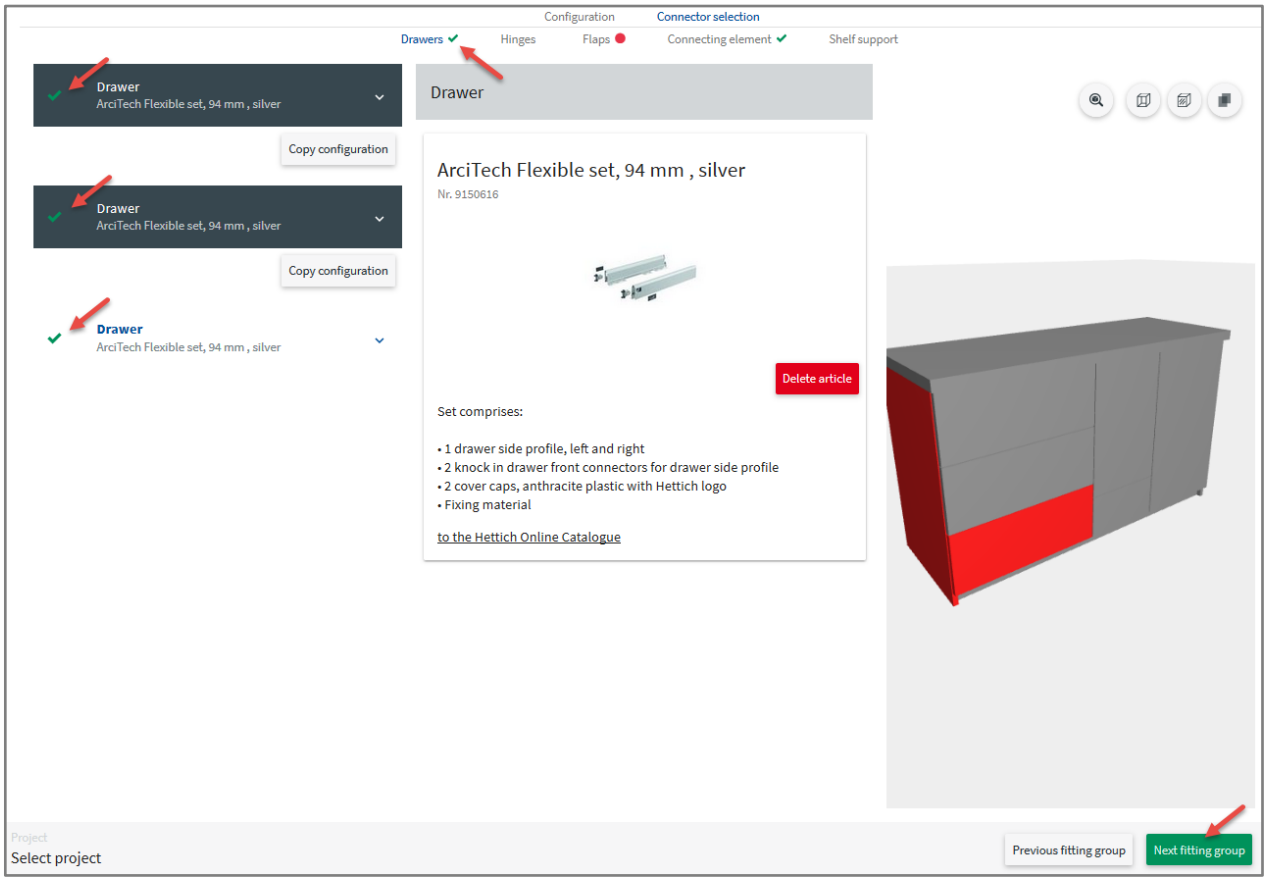
This occurs, for example, if the clear zone dimensions are identical. Since the lower zone is reduced by the bottom panel, the drawer cannot be copied here.



The possible fitting situations are listed and can be selected/de-selected manually.

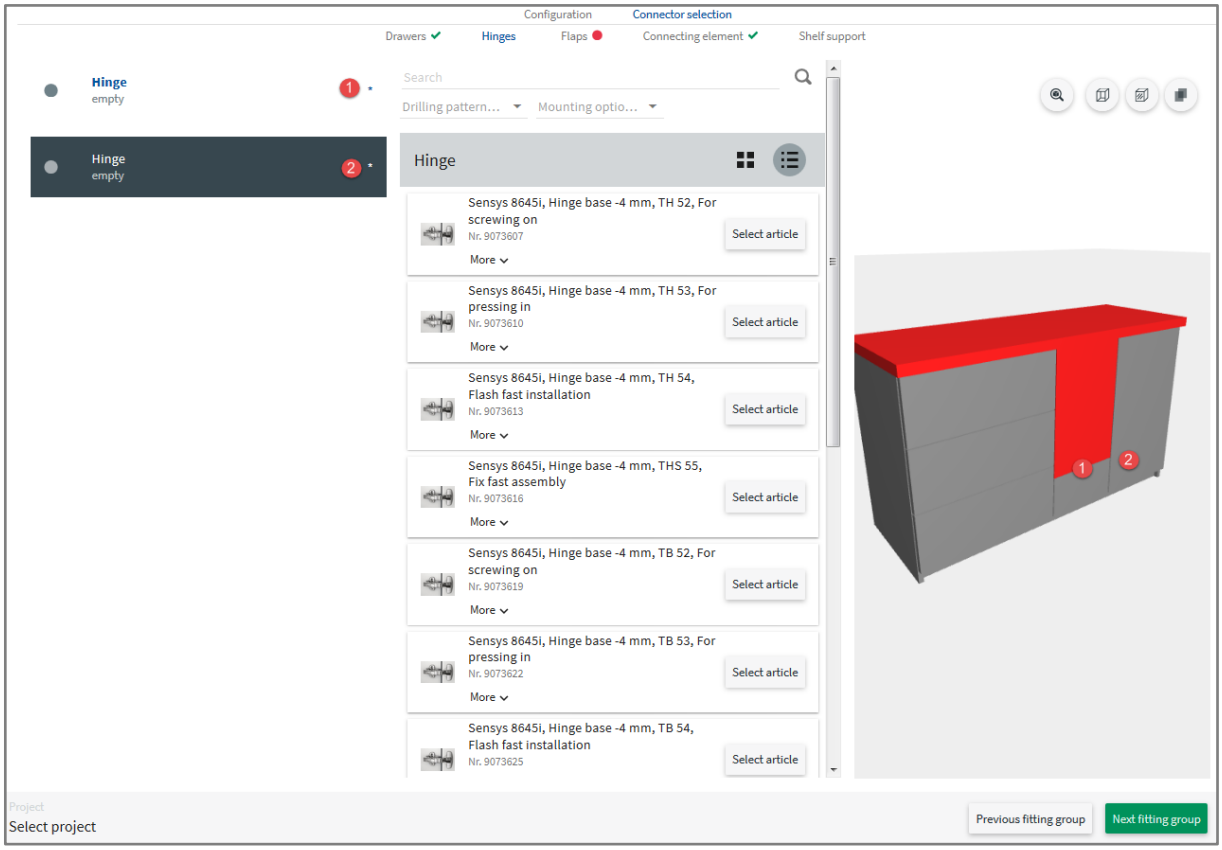


Tip: Identical zone dimensions can be obtained in the drawer area by adjusting to the same front drilling. In this way, the selected articles can be copied quickly.

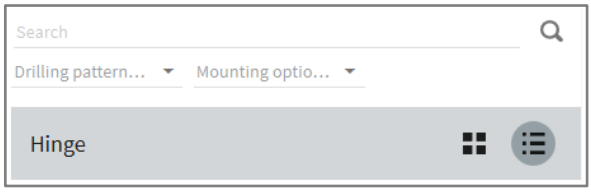


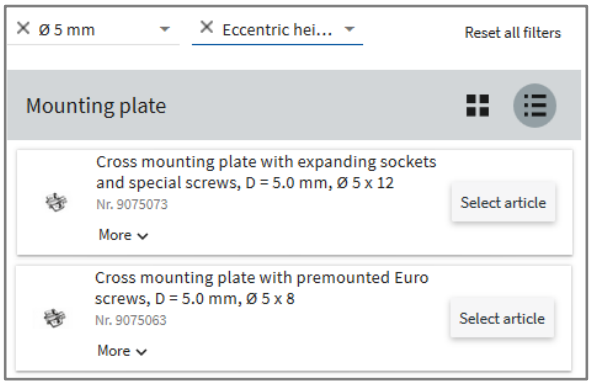
As soon as all items have been selected, each drawer is marked with a green check mark, and the fittings group at the top edge of the window is also marked with a green check mark.

Afterwards, you can select the hinges by clicking on *Next fittings group*.



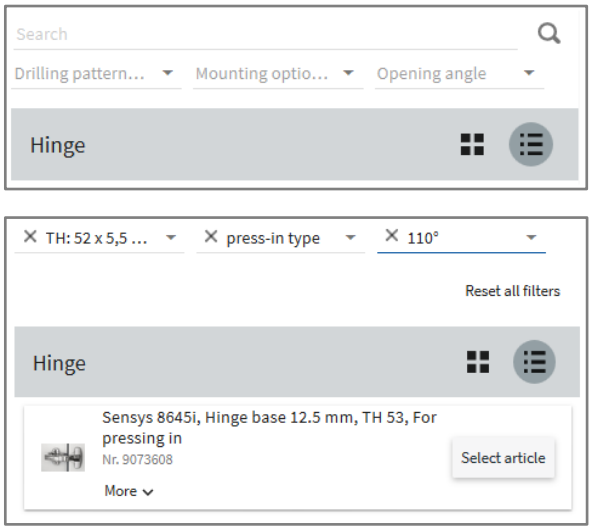
Two hinge groups are listed in the *Hinge* section. The first one contains the hinges for the flap; the second one contains hinges for hinged doors.



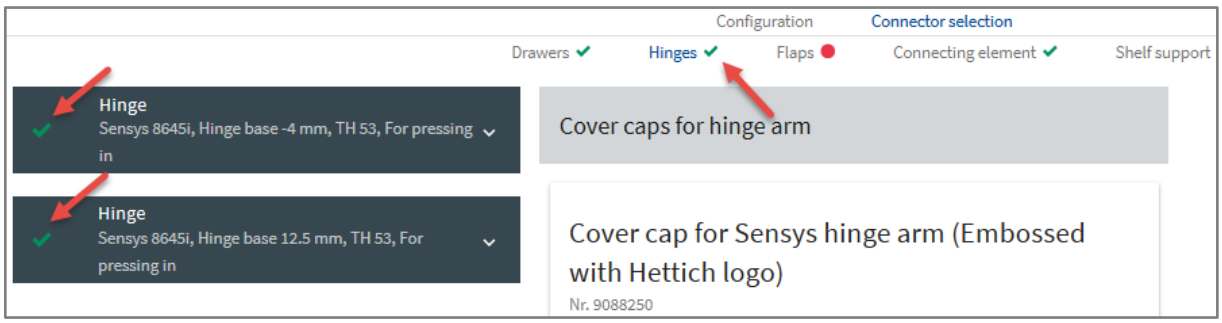


The other items are now selected in the same way as the drawer components. The filters can be used to restrict the number of articles. You can choose directly from the list of suggested articles, or you can type an article number into the search field.

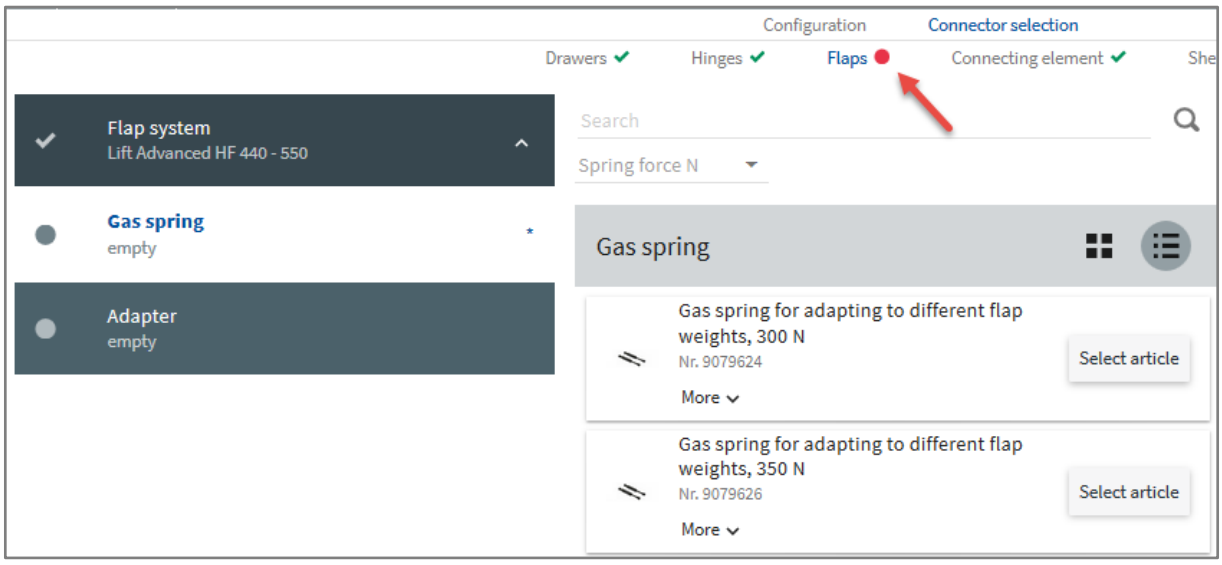
In principle, only articles that are possible for the design situation are offered. For example, the distance of the mounting plate is automatically determined and the articles are filtered accordingly.



The hinge and mounting plate for the hinged door are chosen in the same way. In the preview area, the door is marked in red.

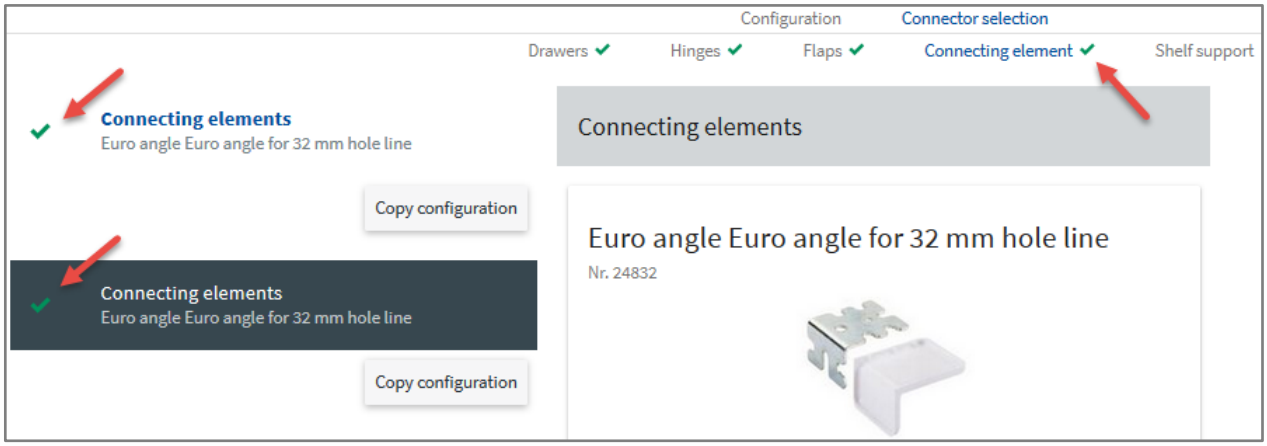


As soon as all mandatory articles have been selected, the fitting groups are marked with a green check mark and the button *Next fitting group* can be clicked.



The hinges have already been selected for the flap system; the flap system is set automatically as there is exactly one flap fitting for the inputs given.

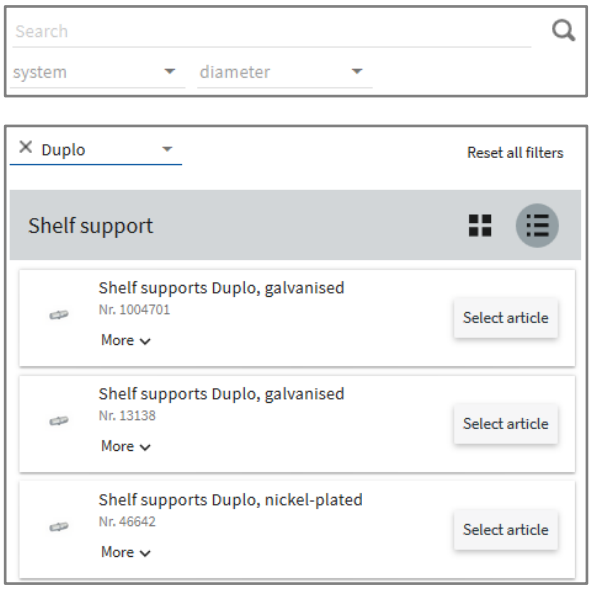
The only thing missing is the gas pressure spring, which can be selected according to the desired spring force.



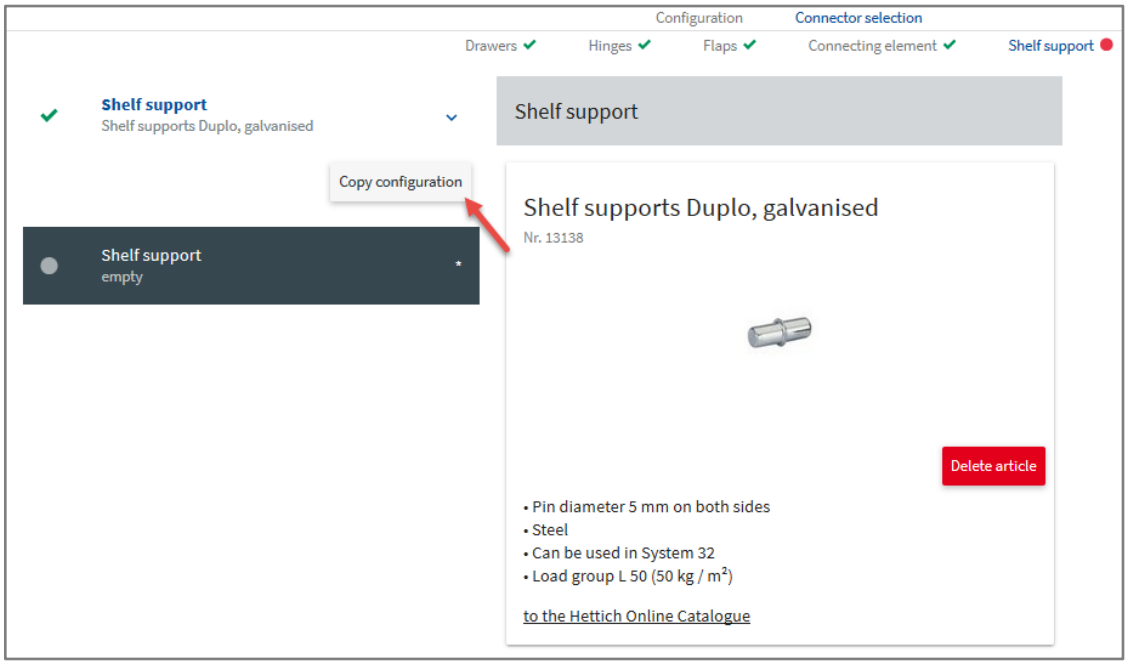
The Euro angle is available as a connecting element for the panel. When just a single mandatory article is offered, it is automatically selected.

There are two fitting situations in the selection of shelf supports. This means that different shelf supports can be used in both adjacent sides.

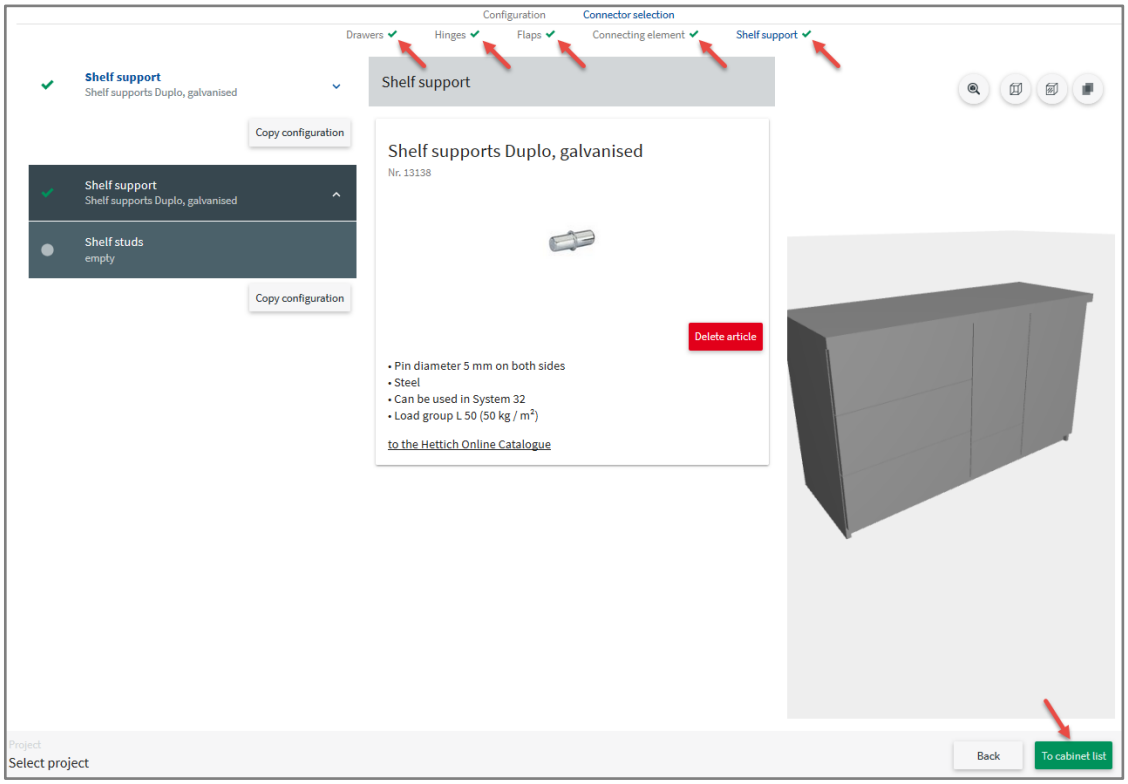
This is useful, for example, for sides with different thicknesses.



The desired article can either be selected directly from the list by clicking on it, or the filters can be used to shorten the list of possible articles.



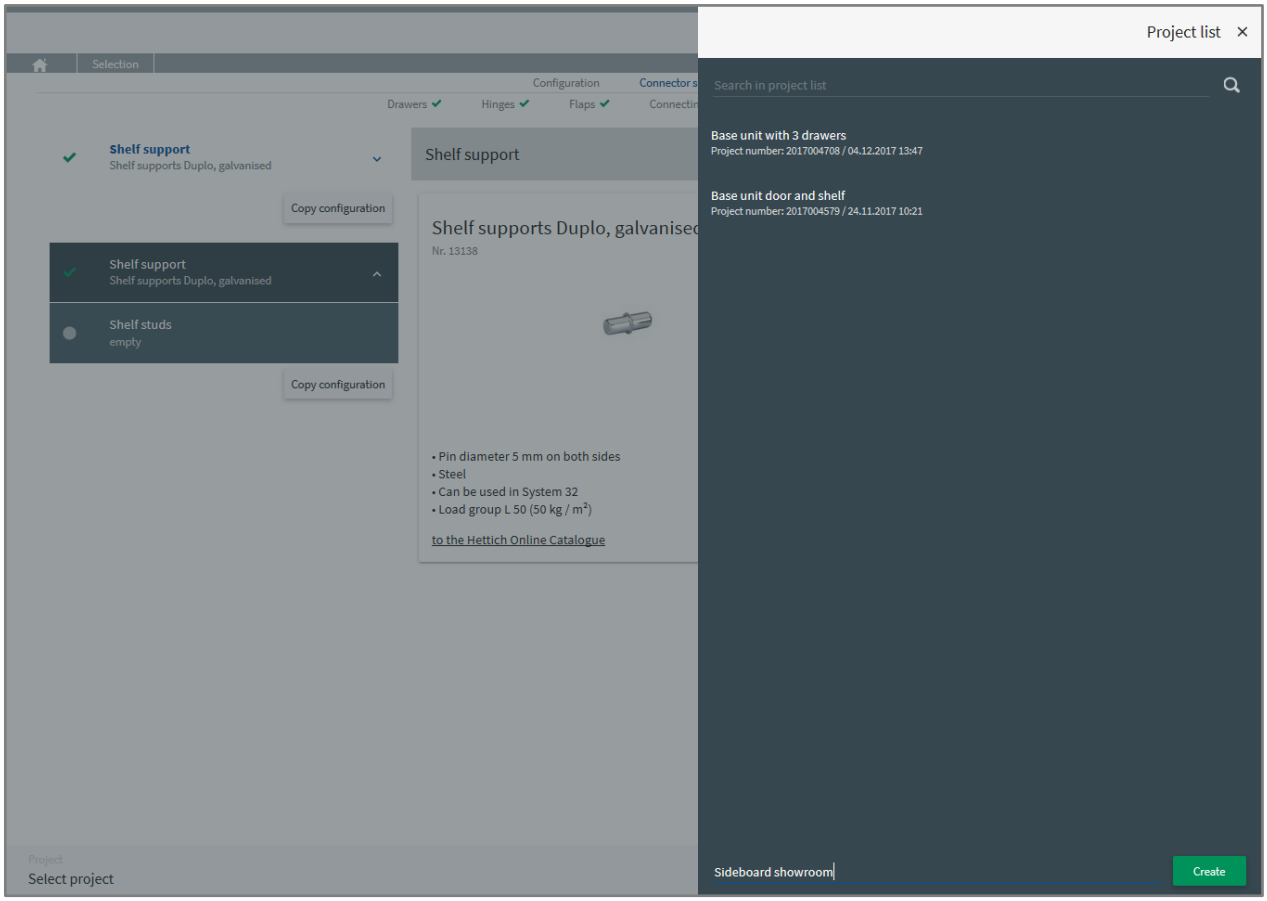
The *Copy configuration* function can be used to use the same article selection.



As soon as all mandatory articles have been selected, a green check mark appears on each group of fittings.

A green button *To carcase list* appears at the bottom of the screen. A new menu opens. Now the carcase can be assigned to a project, or a new project can be created.

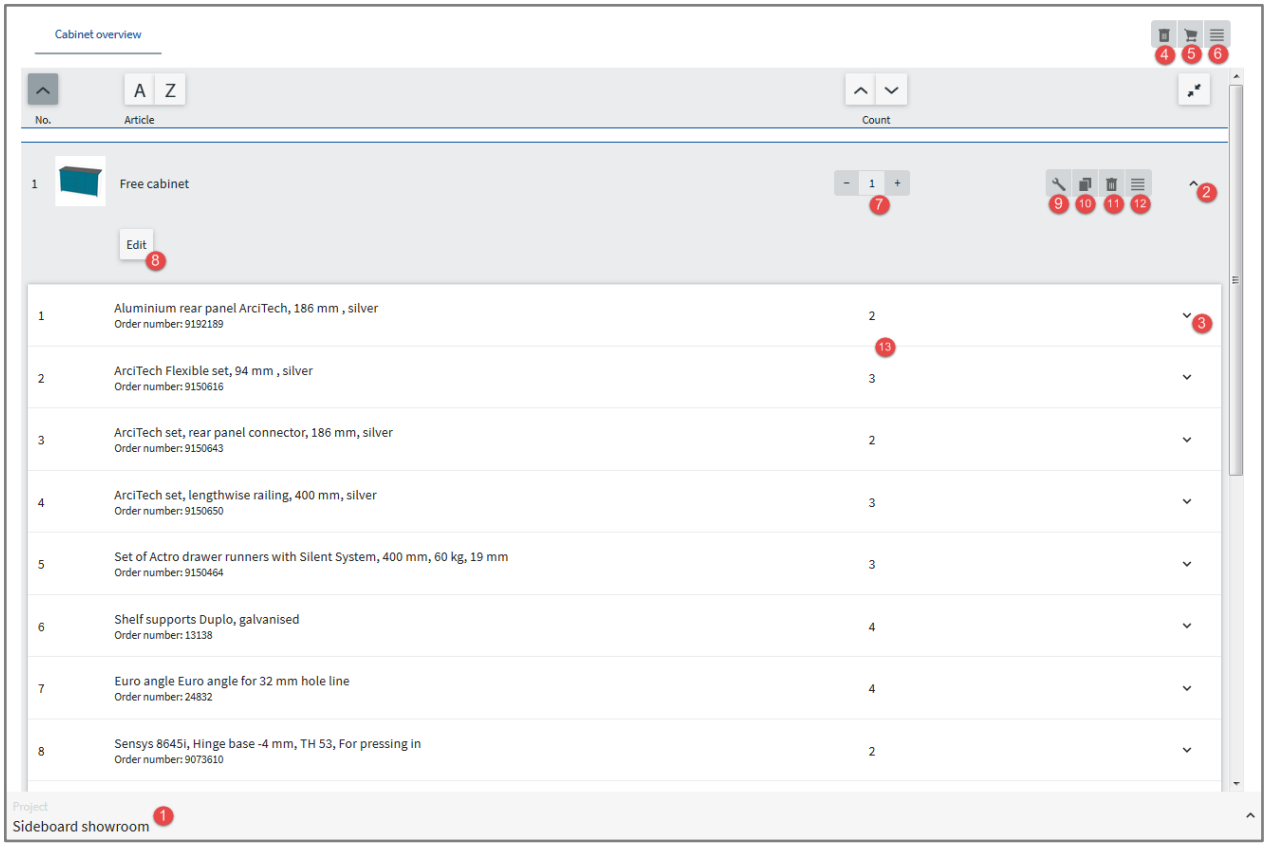
Tip: If a desired fitting is not offered in the fitting selection, this may be due to the inputs given. For example, in order to be offered an Intermat hinge, it is important that the *Damping type* is set to *optional*. Integrated dampening is only available in the Sensys hinge series.



The name for the new project can be entered at the bottom of the screen. Clicking on the *Create* button creates the project and assigns the construction.

To assign furniture to an existing project, select the project from the list.

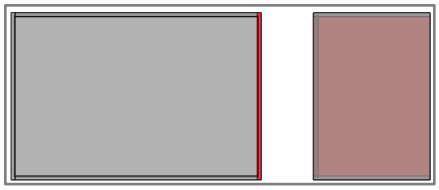
6. Carcase list



1. Project name
2. Open the overview of the carcase fittings
3. Further details about the fittings
4. Delete the carcase from the carcase list
5. Transfer fittings list to the online shop (the shopping cart can be used to order the fittings via the online catalogue)
6. Display / download the output on project level:
   - Fittings list (PDF) / Fittings list (CSV)
   - Wood parts list (PDF) / Wood parts list (CSV)
7. Number of carcases can be changed by clicking on + and -
8. *Editing* the carcase name and saving a remark
9. *Edit articles*: Dimensions, fitting elements and fittings selection
10. Copy carcase
11. Delete carcase
12. Output at carcase level:
    - 3D preview
    - Fittings list (PDF) / Fitting list (CSV)
    - Wood parts list (PDF) / wood parts list (CSV)
    - Drawing (PDF)
    - Drawing (DWG)
    - Drawing (DXF)
    - Imos data (FXF)

7. Parts and zones

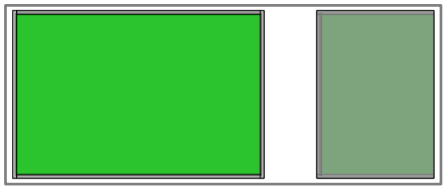
7.1 Definition and differences



Definition Part:

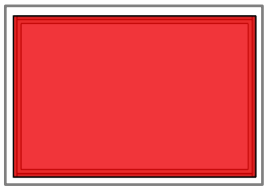
Definition of component:

A component is a carcase element (see 3.3), e. g. a side or a door.
A component is displayed in red. In the info, you can see all parameters of the selected part and their values can be modified.

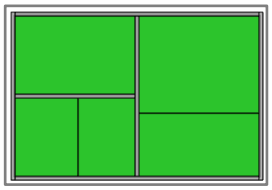


Definition of zone:

A zone describes a three-dimensional space that can be filled with fitting elements (see 3.4) such as drawers, shelves or doors. A zone is displayed in green. The internal dimensions can be found in the info.

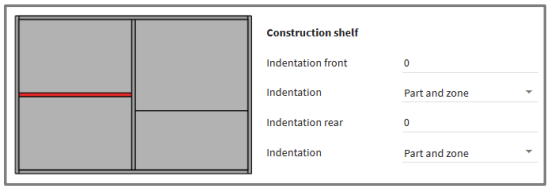


If a fitting element is included in a zone, it fills the zone completely. This means that one type of fitting element (e. g. drawers) can be used per zone.

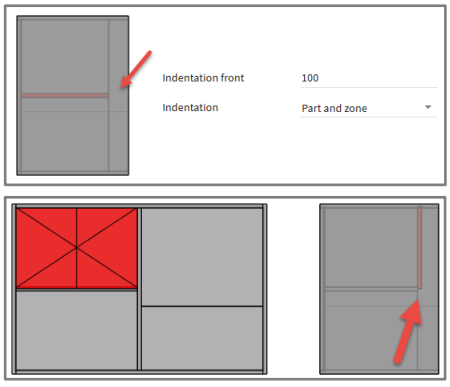


Different fitting elements can be used to divide a zone:

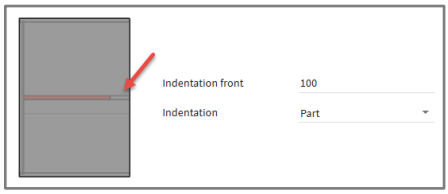
- Centre panel (vertical)
- Constructional shelf (horizontal)
- Virtual partitioning (vertical or horizontal)

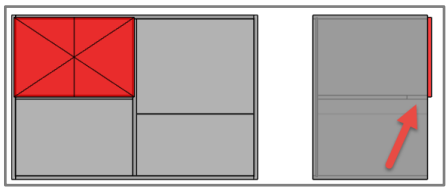


Zones that have been created through a construction floor or a central side can be adjusted not only with respect to the width and height, but also depth.
The indentation dimensions can be used for this purpose.

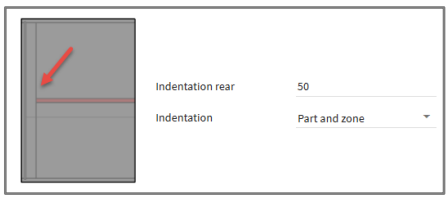


If the zone and component are indented, not only will the construction floor narrower, but the fitting element (a door in this case) is also "indented".





If just the component is indented and the zone is not, the construction shelf will be narrower; but the fitting element adjusts itself according to the zone, which extends up to the front edge of the carcase.

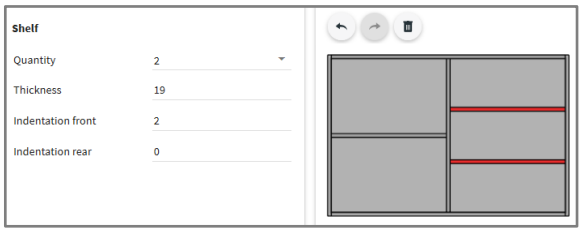


If the zone is indented, the nominal length of the drawer can be "artificially" shortened or a cross member can be created inside the cabinet.

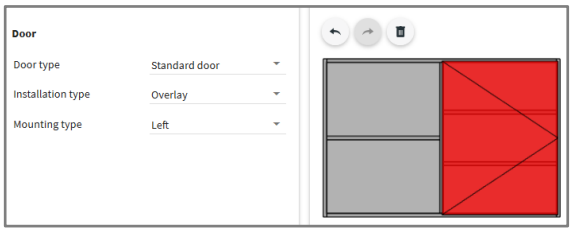
A gap to the rear wall can be created by indenting the construction shelf at the rear.

7.2 Change or delete part

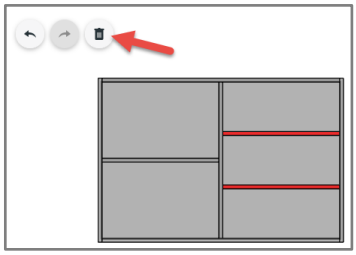
Making changes to fitting elements or subsequent modification to an attached part is possible quickly and easily.



A component can be selected by clicking on it. The component properties are displayed on the left side. In this way, the number, the thickness and such other properties can be quickly modified.



In this way, even the mounting side of a door can be modified in just two clicks.

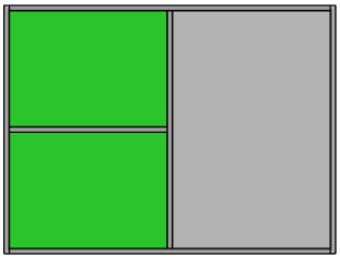


To delete the parts, click on the icon showing a bin.

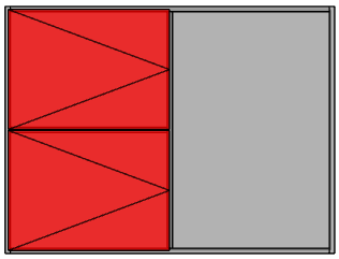
Tip: It is easier to delete the virtual divider by selecting it from the front view (horizontal divider) or side view (vertical divider). Multiple clicking is required as the parts are selected in a sequence. A divider can be deleted as soon as it is marked red.

7.3 Sequence of fitting

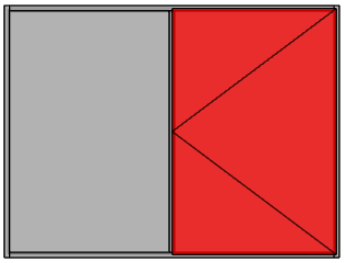
The sequence of the fitting elements of the zones plays a big role. For example, when a construction floors needs to be placed behind a door – without the zone and to divide the door front.



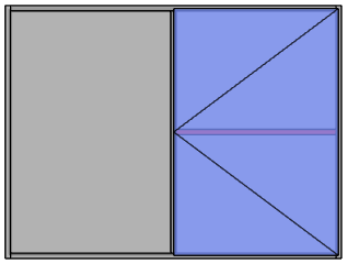
If a construction shelf is set in an empty zone, the impact is sharing.



In both the newly created zones, further fitting elements, e.g. a door each, can be fitted.



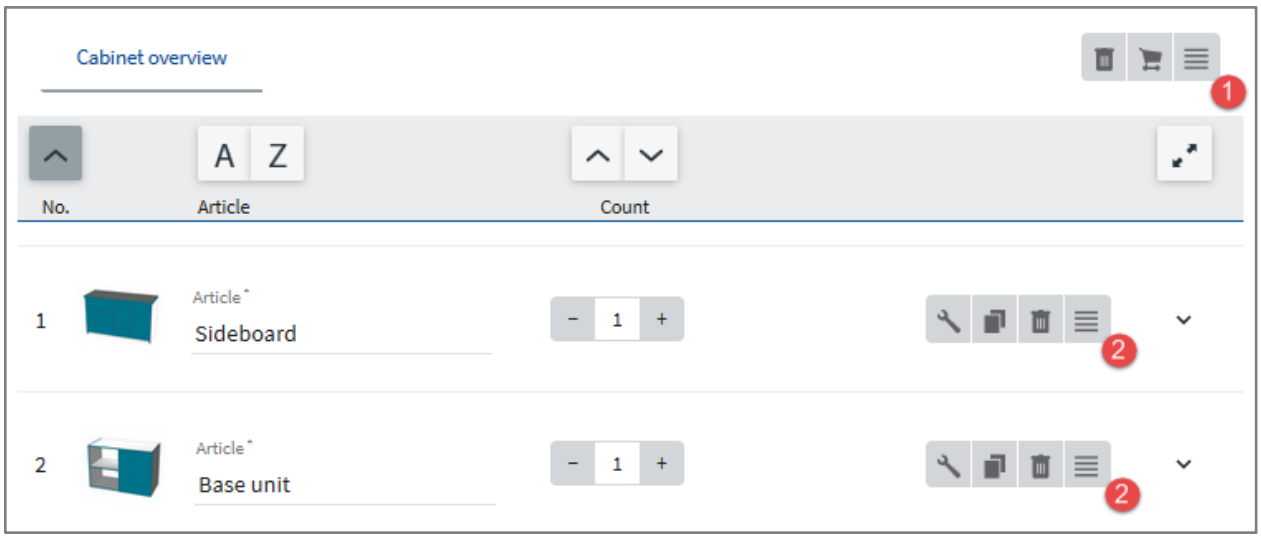
On the contrary, if a door is installed in the zone first, the door covers the entire zone.



At the end, the construction shelf can be placed in the zone and the doors remains across the entire zone.

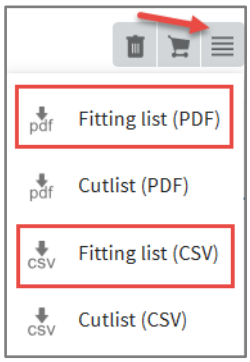
8. Output

8.1 Fittings list

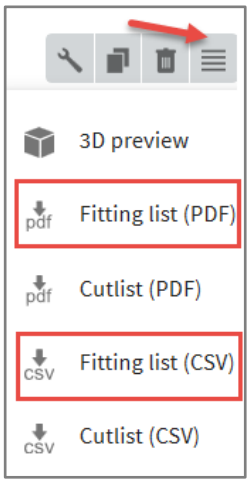


The fittings lists are available in the carcase overview:

1. At project level: A cumulative list of all fittings for the complete project is displayed
2. At carcase level: All fittings for each individual carcase



At the top level, the fittings list for the complete project can be displayed – that is, all furniture linked to a project.



At the carcase level, it is possible to get an individual fittings list for every furniture unit.

Fitting list

(Project accumulated)

Project: Sideboard showroom

Date: 05.12.2017

Page 1 of 1

Pos.	Qty.	Order number	Articletype	Notes
1	4	9192189	Aluminium rear panel ArciTech, 186 mm , silver	
2	6	9150616	ArciTech Flexible set, 94 mm , silver	
3	4	9150643	ArciTech set, rear panel connector, 186 mm, silver	
4	6	9150650	ArciTech set, lengthwise railing, 400 mm, silver	
5	6	9150464	Set of Actro drawer runners with Silent System, 400 mm, 60 kg, 19 mm	
6	16	13138	Shelf supports Duplo, galvanised	
7	8	24832	Euro angle Euro angle for 32 mm hole line	
8	4	9073610	Sensys 8645i, Hinge base -4 mm, TH 53, For pressing in	
9	4	9075073	Cross mounting plate with expanding sockets and special screws, D = 5.0 mm, Ø 5 x 12	
10	4	9073608	Sensys 8645i, Hinge base 12.5 mm, TH 53, For pressing in	

All required fittings are listed in the fittings list. Here is an example of a cumulated list for an individual carcase.

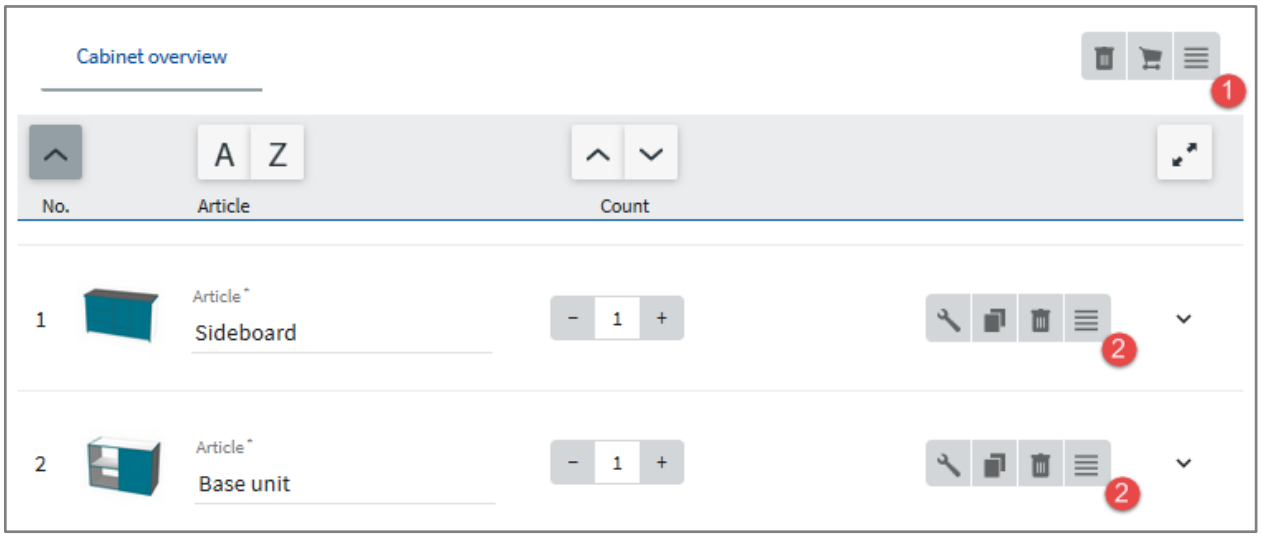
```
1  Projekt:;"Sideboard showroom";;Date:;05.12.2017
2
3  Pos.;Qty.;Order number;Articletype;Notes;
4  1;4;9192189;"Aluminium rear panel  ArciTech,   186 mm ,  silver";;
5  2;6;9150616;"ArciTech Flexible set, 94 mm , silver";;
6  3;4;9150643;"ArciTech set, rear panel connector, 186 mm, silver";;
7  4;6;9150650;"ArciTech set, lengthwise railing, 400 mm, silver";;
8  5;6;9150464;"Set of Actro drawer runners with Silent System, 400 mm, 60 kg, 19 mm";;
9  6;16;13138;"Shelf supports Duplo, galvanised";;
10 7;8;24832;"Euro angle Euro angle for 32 mm hole line";;
11 8;4;9073610;"Sensys 8645i, Hinge base -4 mm, TH 53, For pressing in";;
12 9;4;9075073;"Cross mounting plate with expanding sockets and special screws, D = 5.0 mm, Ø 5 x 12";;
13 10;4;9073608;"Sensys 8645i, Hinge base 12.5 mm, TH 53, For pressing in";;
```

The CSV file can be used for further processing in any ERP software or can be processed using a text editor.

	A	B	C	D	E
1	Projekt:	Sideboard showroom		Date:	05.12.2017
2					
3	Pos.	Qty.	Order number	Articletype	Notes
4	1	4	9192189	Aluminium rear panel ArciTech, 186 mm , silver	
5	2	6	9150616	ArciTech Flexible set, 94 mm , silver	
6	3	4	9150643	ArciTech set, rear panel connector, 186 mm, silver	
7	4	6	9150650	ArciTech set, lengthwise railing, 400 mm, silver	
8	5	6	9150464	Set of Actro drawer runners with Silent System, 400 mm, 60 kg, 19 mm	
9	6	16	13138	Shelf supports Duplo, galvanised	
10	7	8	24832	Euro angle Euro angle for 32 mm hole line	
11	8	4	9073610	Sensys 8645i, Hinge base -4 mm, TH 53, For pressing in	
12	9	4	9075073	Cross mounting plate with expanding sockets and special screws, D = 5.0 mm, Ø 5 x 12	
13	10	4	9073608	Sensys 8645i, Hinge base 12.5 mm, TH 53, For pressing in	

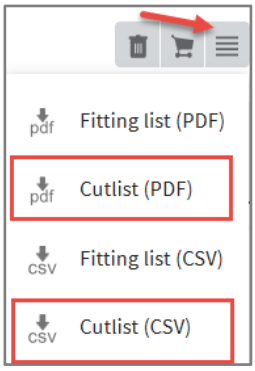
Moreover, it is possible to edit the CSV file in a table based calculation program like Excel

8.2 Wood parts list

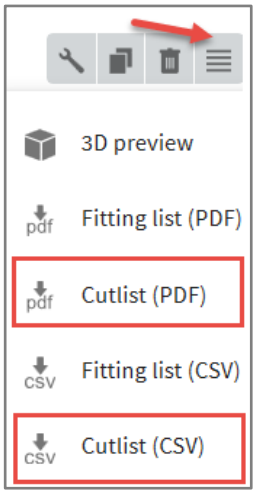


The wood parts lists are available in the cabinet overview:

1. At project level: A cumulative list of all components for the complete project is displayed
2. At carcase level: All components for each individual carcase



At the top level, the wood parts list for the complete project can be displayed – that is, all furniture linked to a project.



At the carcase level, it is possible to get an individual wood parts list for every furniture unit.

Cutlist

Cabinet: Free cabinet

Date: 05.12.2017
Page 1 of 1

Pos.	Qty.	Description	Lenght	Width	Thickness	m²	DXF
1	1	Top panel	1.320,0	490,0	38,0	0,6500	PART1001
2	2	Cabinet side	762,0	450,0	19,0	0,6800	PART1002
3	1	Bottom panel	1.262,0	450,0	19,0	0,5700	PART1004
4	1	Rear panel	703,0	1.272,0	8,0	0,8900	PART1005
5	2	Partition	693,0	427,0	19,0	0,6000	PART1006
6	1	Construction shelf	300,0	427,0	19,0	0,1300	PART1014

All components are listed in the wood parts list. Here an example of a list for an individual carcase.

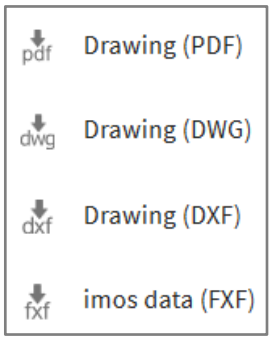
```
Projekt:;"Sideboard showroom";;Date:;05.12.2017
Cabinet:;"Free cabinet"

Pos.;Qty.;Description;Lenght;Width;Thickness;m²;DXF
1;1;"Top panel ";1320,0;490,0;38,0;0,6500;PART1001
2;2;"Cabinet side ";762,0;450,0;19,0;0,6800;PART1002
3;1;"Bottom panel ";1262,0;450,0;19,0;0,5700;PART1004
4;1;"Rear panel ";703,0;1272,0;8,0;0,8900;PART1005
5;2;"Partition ";693,0;427,0;19,0;0,6000;PART1006
6;1;"Construction shelf ";300,0;427,0;19,0;0,1300;PART1014
```

The CSV file can be used for further processing in any cutting software or can be processed using a text editor.

	A	B	C	D	E	F	G	H
1	Project:	Sideboard showroom		Date:	05.12.2017			
2	Cabinet:	Free cabinet						
3								
4	Pos.	Qty.	Description	Lenght	Width	Thickness	m²	DXF
5	1	1	Top panel	1320	490	38	0,65	PART1001
6	2	2	Cabinet side	762	450	19	0,68	PART1002
7	3	1	Bottom panel	1262	450	19	0,57	PART1004
8	4	1	Rear panel	703	1272	8	0,89	PART1005
9	5	2	Partition	693	427	19	0,6	PART1006
10	6	1	Construction shelf	300	427	19	0,13	PART1014

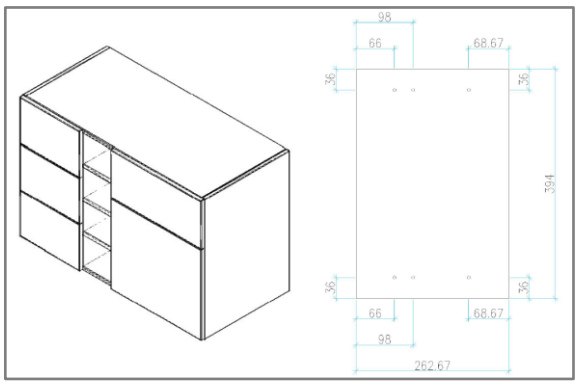
Moreover, it is possible to edit the CSV file in a table based calculation program like Excel.

8.3 Drawings

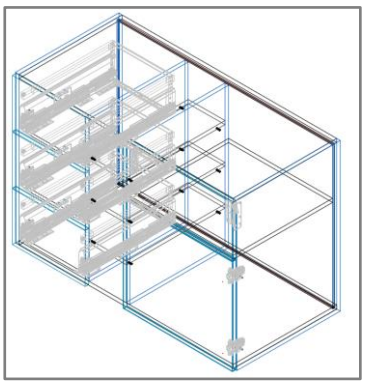


The drawing output is available in different formats:

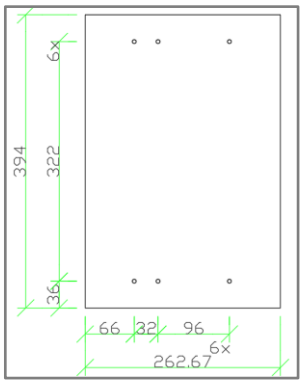
- PDF: Perspective representation of the furniture and dimensioned components
  (Creation in real time, this can take a while)
- DWG: 3D carcase including machining and fittings
- DXF: 3D carcase including machining, but without fittings and 3D components
- FXF: 3D carcase including machining and fittings (imos data format)



PDF: Perspective representation of the furniture and dimensioned components The components are dimensioned individually.

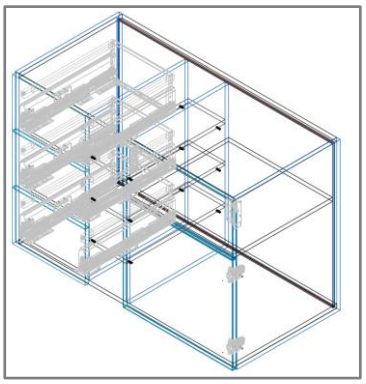


DWG files can be opened and edited by many CAD systems. If no CAD system is available, it is recommended to install a viewer, e. g. AutoDesk DWG True View, free of charge.



DXF files can also be opened and edited in many CAD systems, as well as with many viewers (including AutoDesk DWG True View).

The individual components are 3D solid elements that can be used for further processing on the CNC - they should be *flattened* beforehand.



FXF data can be processed and used by the imos CAD/CAM system.