Blum MERIVOBOX User Guide.



Introduction

Overview

- The 'Blum MERIVOBOX Package' from Solid Setup Plus adds the Blum MERIVOBOX drawers to Cabinet Vision.
- Drawers are Silk White Matt, Indium Grey Matt or Orion Grey Matt - 40 or 70kg
- Heights provided are N,M,K,E,F
- Depths are 270,300,350,400,450,500,550,600 (For limited Australian sizes see table on page 2)
- This package provides drilling for the drawer box parts, the cabinet ends and the drawer front for CNC output.
- It also adds 3d graphics for the drawer sides, runners, and brackets etc.
- The TIPON Blummotion parts, are added as separate parts and materials for reporting purposes.
- Six Rollout front types for utilizing Metal, Design Elements high or low, Gallery, Melamine or Slab fronts is provided. (Not all metal front options available in Australia – see page 7)

Included in This Package

Drawer Guide Schedules:

International schedules, contain one schedule for each E-Height option. The F-Height drawers and all depths available are included.
There are 12 schedules per colour. (Listed here are the Silk White Matt schedules only)

- "Blum Merivobox Wte 40" Merivobox Silk White 40Kg – E-Heights are "Pure".
- "Blum Merivobox Wte 40 Gal" Merivobox Silk White 40Kg – E-Heights are "M Profile + Gallery".
- "Blum Merivobox Wte 40 DE" Merivobox Silk White 40Kg – E-Heights are "M + Design Element + Gal".
- "Blum Merivobox Wte 40 BCOV.M" Merivobox Silk White 40Kg – E-Heights are "M Profile + BOXCOVER".
- "Blum Merivobox Wte 40 BCOV.N" Merivobox Silk White 40Kg – E-Heights are "N Profile + BOXCOVER".
- "Blum Merivobox Wte 40 BCAP" Merivobox Silk White 40Kg – E-Heights are "M Profile + BOXCAP".
- "Blum Merivobox Wte 70" Merivobox Silk White 70Kg – E-Heights are "Pure".
- "Blum Merivobox Wte 70 Gal" Merivobox Silk White 70Kg – E-Heights are "M Profile + Gallery".
- "Blum Merivobox Wte 70 DE" Merivobox Silk White 70Kg – E-Heights are "M + Design Element + Gal".
- "Blum Merivobox Wte 70 BCOV.M" Merivobox Silk White 70Kg – E-Heights are "M Profile + BOXCOVER".
- "Blum Merivobox Wte 70 BCOV.N" Merivobox Silk White 70Kg – E-Heights are "N Profile + BOXCOVER".
- "Blum Merivobox Wte 70 BCAP" Merivobox Silk White 70Kg – E-Heights are "M Profile + BOXCAP".

Australian schedules, contain one schedule for the available E-Height options, namely E-pure (white only – 450-500-500 deep only), M+Gallery, M+BOXCAP and M+BOXCOVER. The F Height, M+Design Element and Gallery, and the N+BOXCOVER are not available in Australia.
Also there are no F-Height drawers, N270-N300-N350-N600 or K270 sizes.
There are 6 schedules per colour. (Listed here are the Silk White Matt schedules only)

- "Blum Merivobox Wte 40" Merivobox Silk White 40Kg – E-Heights are pure 450-500-550 only.
- "Blum Merivobox Wte 40 Gal" Merivobox Silk White 40Kg – E-Heights are "M Profile + Gallery".
- "Blum Merivobox Wte 40 BCOV.M" Merivobox Silk White 40Kg – E-Heights are "M Profile + BOXCOVER".
- "Blum Merivobox Wte 40 BCAP" Merivobox Silk White 40Kg – E-Heights are "M Profile + BOXCAP".
- "Blum Merivobox Wte 70" Merivobox Silk White 70Kg – E-Heights are pure 450-500-550 only.
- "Blum Merivobox Wte 70 Gal" Merivobox Silk White 70Kg – E-Heights are "M Profile + Gallery".
- "Blum Merivobox Wte 70 BCOV.M" Merivobox Silk White 70Kg – E-Heights are "M Profile + BOXCOVER".
- "Blum Merivobox Wte 70 BCAP" Merivobox Silk White 70Kg – E-Heights are "M Profile + BOXCAP".

Drawer Guide Materials:

The following guides are provided in Silk White Matt, Indium Grey Matt, and Orion Grey Matt.

Type	Softclose	40Kg	Height	BOXH	Profile	270	300	350	400	450	500	550	600
pure	Bmn/TipBmn	40	N	80.5	N 68.5	270	300	350	400	450	500	550	600
pure	Bmn/TipBmn	40	M	103	M 91	270	300	350	400	450	500	550	600
pure	Bmn/TipBmn	40	K	141	K 129	270	300	350	400	450	500	550	600
pure	Bmn/TipBmn	40	E	204	E 192	270	300	350	400	450	500	550	600
Gal	Bmn/TipBmn	40	E	204	M 91	270	300	350	400	450	500	550	600
Gal + Des Element	Bmn/TipBmn	40	E	204	M 91	270	300	350	400	450	500	550	600
BOXCOVER N	Bmn/TipBmn	40	E	204	N 68.5	270	300	350	400	450	500	550	600
BOXCOVER M	Bmn/TipBmn	40	E	204	M 91	270	300	350	400	450	500	550	600
BOXCAP	Bmn/TipBmn	40	E	204	M 91	270	300	350	400	450	500	550	600
BOXCAP F	Bmn/TipBmn	40	F	268	M 91	270	300	350	400	450	500	550	600
pure	Bmn/TipBmn	70	N	80.5	N 68.5								
pure	Bmn/TipBmn	70	M	103	M 91					450	500	550	600
pure	Bmn/TipBmn	70	K	141	K 129					450	500	550	600
pure	Bmn/TipBmn	70	E	204	E 192					450	500	550	600
Gal	Bmn/TipBmn	70	E	204	M 91					450	500	550	600
Gal + Des Element	Bmn/TipBmn	70	E	204	M 91					450	500	550	600
BOXCOVER N	Bmn/TipBmn	70	E	204	N 68.5					450	500	550	600
BOXCOVER M	Bmn/TipBmn	70	E	204	M 91					450	500	550	600
BOXCAP	Bmn/TipBmn	70	E	204	M 91					450	500	550	600
BOXCAP F	Bmn/TipBmn	70	F	268	M 91					450	500	550	600

Note: Orange highlighted options and sizes are not available in Australia.
Note: Green E-pure 450-500-550 sizes were added in Silk White only in Australia in Revision 3 in March 2026

User Created Standards

The Following UCS's are provided (ensure they are in this order once installed):

- { DRAWS } -- Blum Merivobox Attributes Adds Tipon Attributes to backs, and drilling overrides.
- { DRAWS } -- Blum Merivobox Rollout Adds the rollout fronts, Elements and cross galleries etc
- { DRAWS } -- Blum Merivobox Tipon Adds the Tipon-Blummotion parts.

Drawer Boxes

The Following drawer box and Rollout constructions are provided:

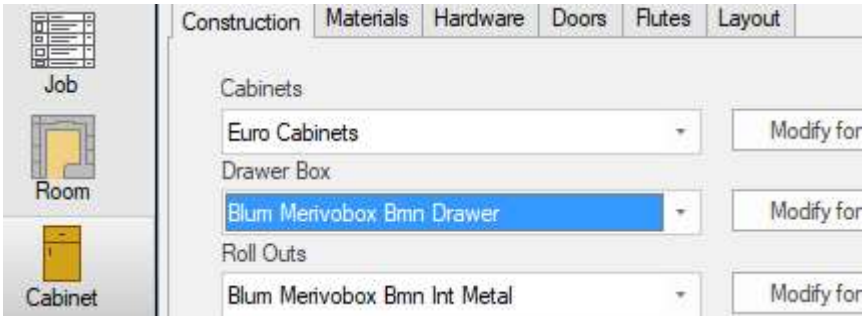
- Blum Merivobox Bmn Drawer — Blummotion Drawer Box
- Blum Merivobox Bmn Int Metal — Blummotion Rollout (Full Metal fronts) - (Not Available in Australia)
- Blum Merivobox Bmn Int Gallery — Blummotion Rollout (Metal fronts with Gallery)
- Blum Merivobox Bmn Int DE Low — Blummotion Rollout (Metal fronts with Low Design Element)
- Blum Merivobox Bmn Int DE High — Blummotion Rollout (Metal fronts with High Design Element)
- Blum Merivobox Bmn Int ROF — Blummotion Rollout (Melamine fronts using ROF part)
- Blum Merivobox Bmn Int SLAB — Blummotion Rollout (Drawer front using S_DSLAB part)
- Blum Merivobox Tip Drawer — Tipon-Blummotion Drawer Box
- Blum Merivobox Tip Int Metal — Tipon-Blummotion Rollout (Full Metal fronts) - (Not Available in Australia)
- Blum Merivobox Tip Int Gallery — Tipon-Blummotion Rollout (Metal fronts with Gallery)
- Blum Merivobox Tip Int DE Low — Tipon-Blummotion Rollout (Metal fronts with Low Design Element)
- Blum Merivobox Tip Int DE High — Tipon-Blummotion Rollout (Metal fronts with High Design Element)
- Blum Merivobox Tip Int ROF — Tipon-Blummotion Rollout (Melamine fronts using ROF part)
- Blum Merivobox Tip Int SLAB — Tipon-Blummotion Rollout (Drawer front using S_DSLAB part)

Merivobox Usage

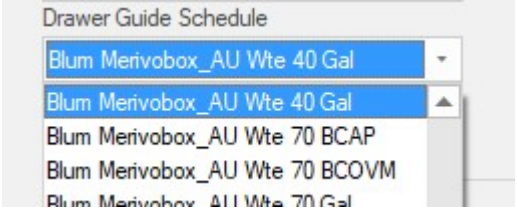
Menu Selections for a Job or Room.

To use the Merivobox drawers in a job you must make the following selections:

- In the job or room properties the Cabinet Construction tab should have the **Drawer Box** set to "**Blum Merivobox Bmn Drawer**" or "**Blum Merivobox Tip Drawer**" and the **Roll Outs** set to any "**Blum Merivobox Int….**" as shown here:



- In the Hardware tab, choose one of the Blum Merivobox guide schedules:



- In the Materials tab, you can choose any of the Drawer Box or Roll Out schedules you have set up for other drawers as long as the materials selected are suitable for Blum Merivobox.

Menu Selections for a Cabinet.

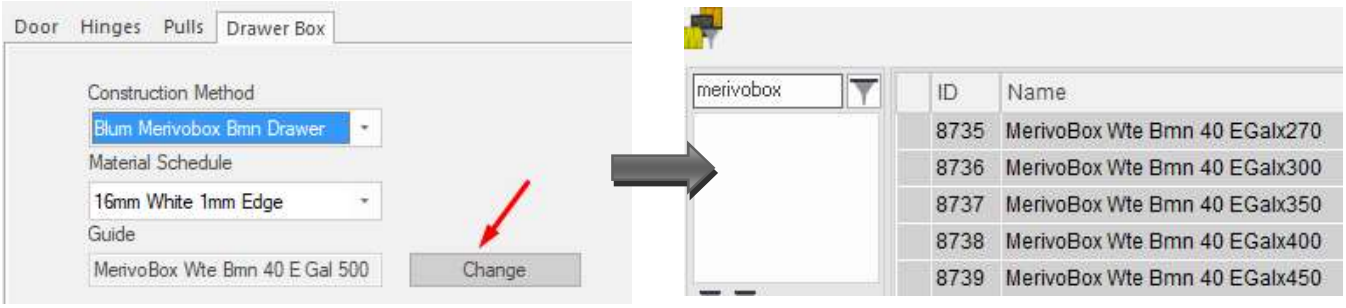
To use Merivobox drawers in a cabinet when Merivobox has **not** been selected in the room or job the Construction, Materials and Hardware tabs for the cabinet in question **must** be set to the same selections as above.

- To access those menus for one cabinet, take the cabinet into the cabinet editor, click on the section view, and select the Properties tab to find the menus.
- The Cabinet Construction tab should have the **Drawer Box** set to "**Blum Merivobox Bmn Drawer**" or "**Blum Merivobox Tip Drawer**" and the **Roll Outs** set to any "**Blum Merivobox Int….**"
- In the Hardware tab, choose one of the Blum Merivobox guide schedules.
- In the Materials tab, you can choose any of the Drawer Box or Roll Out schedules you have set up for other drawers as long as the materials selected are suitable for Blum Merivobox.

Menu Selections for one Drawer/Rollout.

To use Merivobox drawers for one drawer/rollout when Merivobox has **not** been selected in the cabinet, or you wish to use a Merivobox drawer/rollout from a different drawer guide schedule.

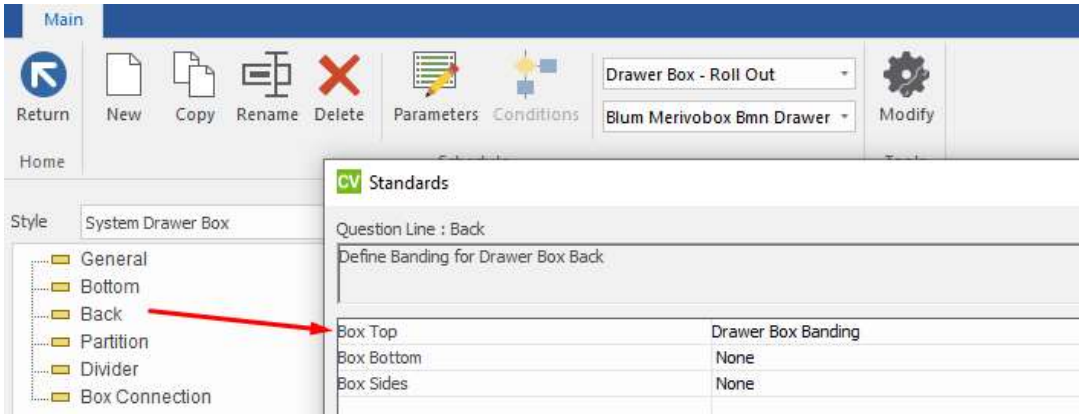
- Take the cabinet into the cabinet editor, click on the section view, and double click on the drawer/rollout to bring up its Properties menu, and then select the Drawer Box or Rollout Tray tab.
- The Construction tab should be set to "**Blum Merivobox Bmn Drawer**" or "**Blum Merivobox Tip Drawer**" and the **Roll Outs** set to any "**Blum Merivobox … Int….**" if it is not already.
- To Change to a different guide type press the "**change**" button shown here:



- Use the "Search" tab and a keyword such as "Merivobox" to quickly find the guide you want rather than paging through materials..

Drawer Box Banding Setup

- For the drawer and roll out backs to be banded correctly please edit the Assembly methods for the backs in the "Blum Merivobox" Drawers and Rollouts and check that a suitable banding type is selected:

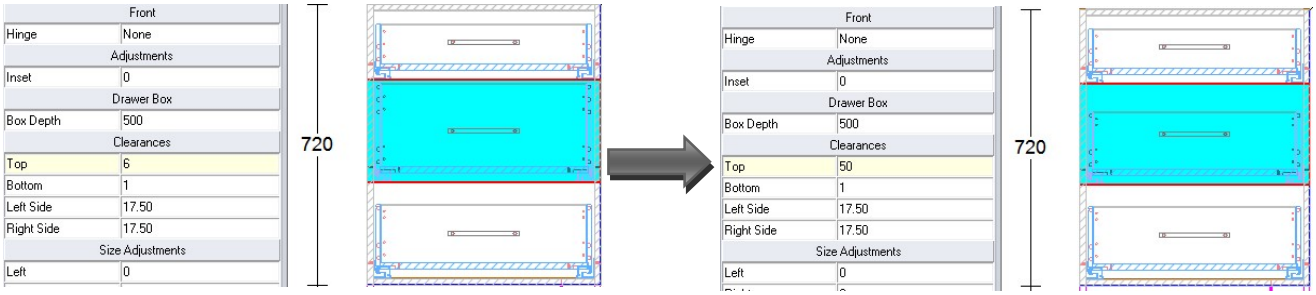


Drawer Boxes

Drawer Box Height Control

When a drawer is first added to a cabinet, Cabinet Vision will always choose the tallest drawer that will fit from the drawer guide schedule, based on the available space.

- The space is determined by the distance between any cabinet or internal parts directly behind the drawer front, minus the drawer guide material top and bottom clearances.
- To select a smaller drawer height, click on the drawer front in the section view.
- Increase the “Top Clearance” in the sidebar until the drawer height you require appears, like this:

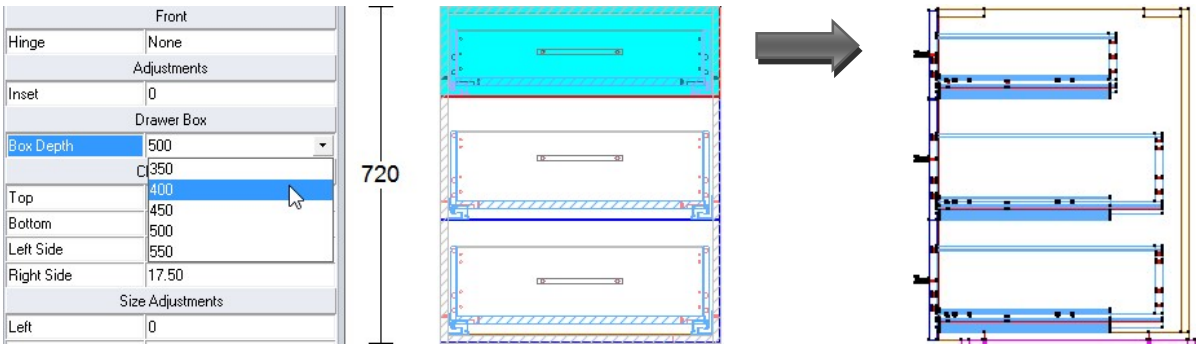


- **NOTE:** *If you are using a drawer leveling UCS (which moves the top drawer boxes up to match the bottom lip reference of the bottom drawer), this may cause those drawer boxes to interfere with an object above them, whether it be the next drawer front, the cabinets top or top stretcher or a drawer stretcher or some other part which would normally not be in the way.*
- *This occurs because the leveling UCS is applied **after** the drawer height selection has been calculated.*
- *To prevent this always check every drawer in the cabinet editor, (preferably with the graphics turned on so you can clearly see any part interference), and reduce the drawer box height using the “Top Clearance” as described above.*

Drawer Box Depth Control

When a drawer is first added to a cabinet, Cabinet Vision will always choose the deepest drawer that will fit from the drawer guide schedule, based on the available space.

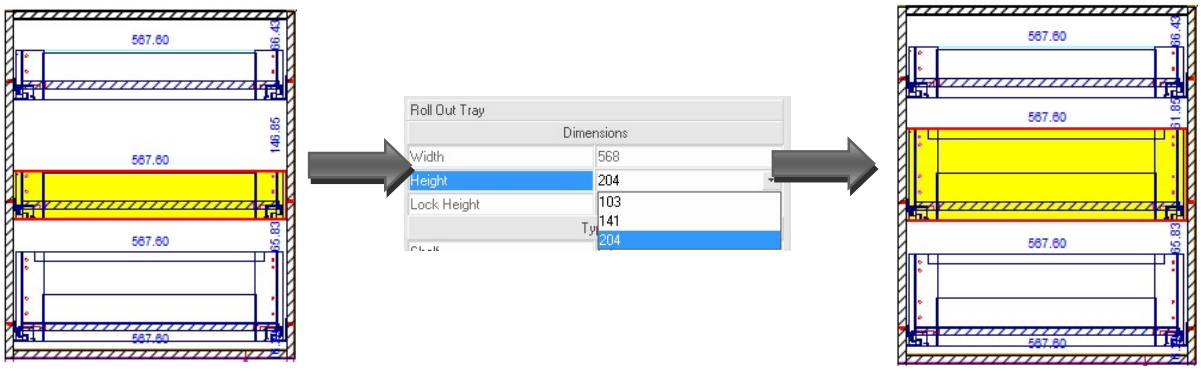
- To select a smaller drawer box depth, click on the drawer front in the section view.
- Choose the “Box Depth” from the dropdown list in the sidebar as shown here:



Rollouts

Rollout Height Control

- To add a rollout in the section interior view of the cabinet editor, add a "Split Horz" and then select it and change it to a "Rollout Tray" in the left sidebar. Or use the "Split Multi Horz" function and choose the "Roll-out Tray" button and then press OK.
- When a rollout is first added to a cabinet, Cabinet Vision will choose the height based on the tallest rollout that will fit from the drawer guide schedule, based on the available space.
- To select a different rollout height, click on the rollout in the section interior view and use the sidebar.
- Choose the height from the dropdown box provided as shown here:

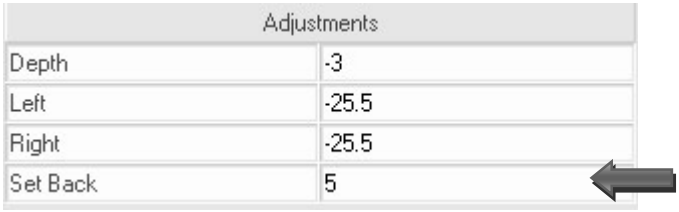


Rollout Depth Control

- When a rollout is first added to a cabinet, Cabinet Vision will always choose the deepest rollout that will fit from the drawer guide schedule, based on the available space.
- To select a smaller rollout depth, click on the rollout in the section interior view.
- Increase the negative "**Depth**" adjustment in the sidebar until the size required is selected.

Rollout Setback

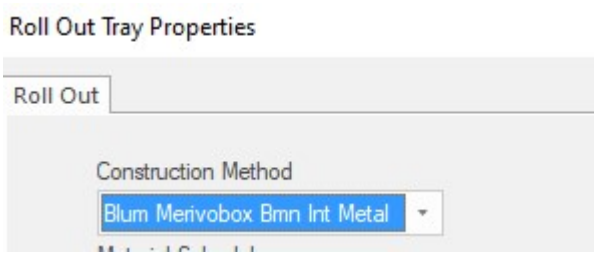
- By default we have set all the metal front rollouts back by 5mm compared to a drawer (This places the first guide hole at 42mm instead of 37mm as per Blum's recommendation),
- The ROF or SLAB types are set to 20mm setback to allow for the added fronts.(Increase for thicker fronts)
- To change the default value use the Assembly Construction Manager for the Merivobox Rollouts, and run the "General" wizard (4th question sets the Rollout standard setback value)
- To adjust the setback of each rollout individually, use the "**Set Back**" setting under "**Adjustments**", in the section view:

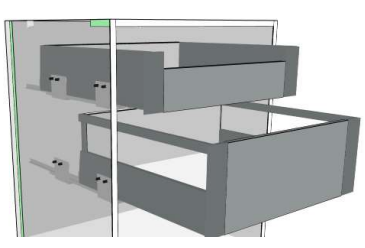


Rollout Inner Front Options

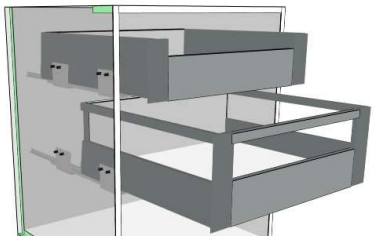
For the Merivobox Rollout Options there are six Rollout types to choose from. These can be set at the Job, Room and Cabinet levels. **The four Metal front options only affect the E-Height rollouts**. The ROF and SLAB front options are for all Height rollouts.

- To Change one Rollout in the cabinet to be different from the rest, click on the Section View and select the Section Interior button. Double click on the rollout and change its construction method there:

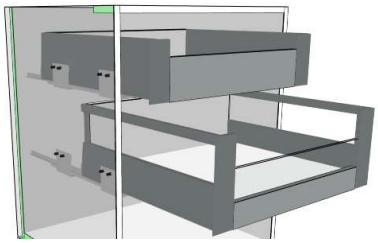




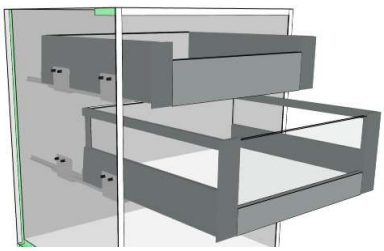
Metal Fronts



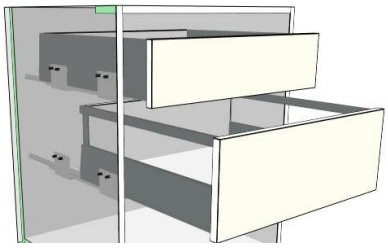
Metal fronts + Gallery



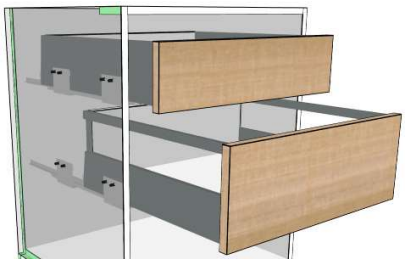
Metal fronts + Low Design Element



Metal fronts + High Design Element



ROF fronts



SLAB or SLAB VG Fronts

Note: Full Metal Front option for E-Height is not available in Australia.

Rollouts with wooden fronts (Blum Merivobox … Int ROF)

- This Rollout type will not use the metal front piece but will use a wooden front instead.
- The wooden front size and banding is set in the Roll Out Wizard – Roll Out Front
- Default overhangs are: Bottom 23mm , Sides 14.5mm (3mm from carcass), Top -2mm (2mm above sides)
- You can alter the assembly wizard if you prefer different top or side overhangs.
- The material for the wooden front and its edge banding are set in the Rollout Material Schedule

Rollouts with Slab fronts (Blum Merivobox … Int SLAB and SLAB VG (Vert Grain))

- This Rollout type will not use the metal front piece but will use a Door SLAB front instead.
- The Slab front size is set in the Roll Out Wizard – Roll Out Front (Banding is locked at all 4 edges)
- Default overhangs are: Bottom 23mm , Sides 14.5mm (3mm from carcass), Top -2mm (2mm above sides)
- You can alter the assembly wizard if you prefer different top or side overhangs.
- The material for the Slab front and its edge banding are set in the Door Material Schedule

Tipon Blummotion

Construction Methods

The Blum Tipon-Blummotion parts are added to the drawers and rollouts containing “Tip” in the name instead of “Bmn” Example: Blum Merivobox Tip Drawer – or – Blum Merivobox Tip Int Gallery, etc.

When Tipon-Blummotion drawers or Rollouts are selected, and cabinet internal width (LW) is over 243mm, Tipon-Blummotion parts will be added visually and for reporting.

Drawer and Rollout Back Attribute

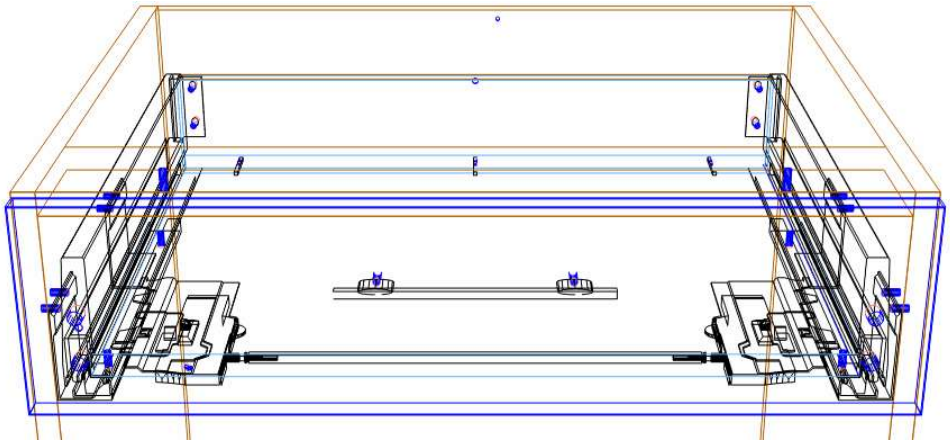
The following back attribute can be used to change the Tipon set applied:

Attribute – “Merivobox TiponBmn Set”
For 270 or 300 deep drawers the options are:

- S1 Weight 10-20kg (default)
- S0 Weight <10kg

For 350 to 600 deep drawers the options are:

- L3 Weight 15-40kg (default)
- L1 Weight <20kg
- L5 Weight 35-70kg (If 70kg guides are being used this selection is locked)



Drawer Fronts Screwon

Room Attribute

The “Draw Front Screwon” is a Room attribute which will change all the drawer front mounting holes to screw holes

Drilling Setup

UCS Public Variables

There are 10 Public Variables in the "**{ DRAWS } -- Blum Merivobox Attributes "** UCS.

- To change these variables go to the Utilities – Edit User Created Standards from the Room Plan or Elevation
- Then click on the **"{ DRAWS } -- Blum Merivobox Attributes"** UCS.
- On the top right hand side of the screen you will see the Public Variables list:

Public Variables	
Box Bottom Depth	12mm
Box Bottom DIAM	5mm
Front Knockin Depth	12mm
Front Knockin DIA	10mm
Front Screwon Depth	5mm
Front Screwon DIAM	3mm
Guide Cabinet Depth	12mm
Guide Cabinet DIA	5mm
Box Back Depth	12mm
Box Back DIAM	5mm

Each set of holes has a **diameter (DIAM)** and **depth** variable.

Box Bottom = Holes in the Drawer box or Rollout bottom for the drawer side profiles.
Front Knockin = Holes in the Drawer Front for drawer side brackets if Room Attribute "Draw Front Screwon" is False.
Front Screwon = Holes in the Drawer Front for drawer side brackets if Room Attribute "Draw Front Screwon" is True.
Guide Cabinet = Holes in the Cabinet for the Drawer or Rollout Guides.
Box Back = Holes in the Drawer box or Rollout back for the drawer side profiles.

Note: To turn off any of the holes if not required, like the box bottom holes for example, set the depth to zero.

Once you have changed these values to your requirements, you can close the UCS editor.

Vertical position of drawers

We have positioned the Merivobox drawers 1mm higher than flush as per Blums recommendation to allow for variances in board thickness. We have achieved this by setting the "Minimum Bottom Clearance" in the drawer guide materials to 1mm instead of 0mm. This was done so that when your carcass material is slightly thicker than the value entered into cabinet vision, the bottom drawer guide position is less likely to interfere with the cabinets deck. If you are using a minipress to drill the drawer fronts you may need to check the fence position. If you do not wish to have this allowance you must change all the drawer guide bottom clearances to 0mm in the material catalog, or if you prefer more tolerance you can increase the value, Be sure to also compensate for any changes on your minipress if required.

Tools Required

- The drill diameters you choose in the UCS Public Variables above are all required for this package to work. You must have these tool diameters in your tool catalog and in your machine.

Package Exclusions

Some of the drawer drilling shown in various images contained in this document are not included in the Blum Merivobox Visual Package, but come from other packages which are sold separately.

Any other items shown in any images such as cabinet screw holes, benchtop brackets, plastic legs etc are also part of our other packages which are sold separately.

See our website for more detailed information on these packages.