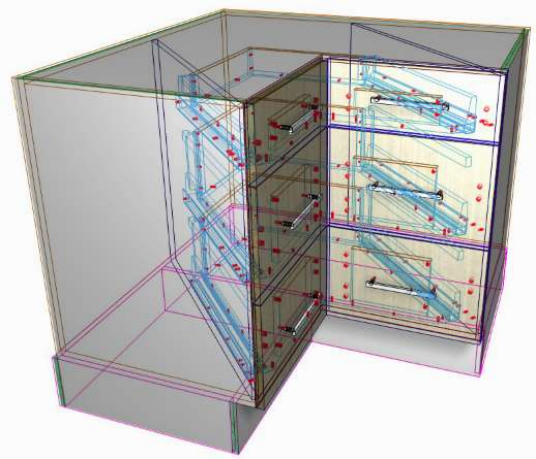
Blum Space Corner User Guide.



Introduction

Overview

- The 'Blum Space Corner Package' from Solid Setup Plus adds the Blum Spacecorner extra drilling and shaped drawer box bottoms, to Cabinet Vision.
- It positions two partitions within the cabinet for mounting the drawer guides onto.
- It allows for the "Syncromotion" or "Rigid" (Classic) fronts options.
- The drawer front corner overlays or mitering sizing options are controlled via cabinet attributes.
- This package will work with your own Blum Tandembox drawer setups (provided they adhere to all of Blums specifications) or with the Blum Intivo/Antaro drawer packages provided by us.
- When using this package in conjunction with Solid Setup Plus's Blum drawer packages, extra brackets are added to the reports for ordering purposes, with Blum codes.

Included in This Package

User Created Standards

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

- { DRAWS } -- Blum SpcCnr Cab — Adds the Cabinet Attributes.
- { DRAWS } -- Blum SpcCnr PT — Positions the angled partitions.
- { DRAWS } -- Blum SpcCnr Hole Masking — Corrects the system front and back drilling.
- { DRAWS } -- Blum SpcCnr Runners — rotates and re-positions the drawer guides.
- { DRAWS } -- Blum SpcCnr Box — Adds the drawer box parts.
- { DRAWS } -- Blum SpcCnr Overlays — Adjusts the Drawer overlays.

Library

- CVS Blum.cvc — Catalog containing sample cabinet and Blum Library parts

Cabinet

- CVS Blum.cvc => Spacecorner Cabinet =>" Spacecorner Cabinet".

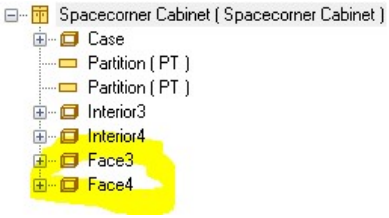
Space Corner Cabinet Creation

Creating your own Space Corner cabinet.

If you are using the Space Corner cabinet we have provided, proceed to "Sectioning the Cabinet"

Start with a base corner 90 cabinet, which has the following properties:

- In the Object Tree, it **MUST** have a Face3 and Face4 only.



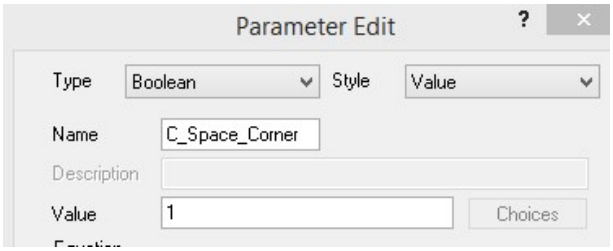
- The Cabinet **MUST** have a solid top
- The Cabinet **MUST** have a deck.
- It **MUST** have unfinished ends only.
- It **MUST** have unfinished backs only.
- Both left and right Faces **MUST** be the same width, but the overall cabinet size and shape can vary.

Add Two Partitions and two Sub Ends:

- In the cabinet editor press the "New Part" button.
- Select "Partition" from the list (or whatever you have re-named the PT part to in the part catalog)
- Make sure "**Allow UCS Modification**" is ticked, Next, Next..
- Select "Front" orientation, Next and Finish.
- In the Plan view, Right click on the Partition you just added and select "Copy"
- Place the copied Partition in a different position to the first one, and right click to end the copy command.
- Now use the "New Part" button again to add a "Left Sub End"
- Again make sure "**Allow UCS Modification**" is ticked, Next, Next, Select "Front" orientation, Next and Finish.
- Now use the "New Part" button again to add a "Right Sub End"
- Again make sure "**Allow UCS Modification**" is ticked, Next, Next, Select "Front" orientation, Next and Finish.
- The Partitions become the internal angled sides, and the Sub Ends are used for the side spacers for the Rigid fronts option.

Add the UCS activation parameter.

- In a smiley view, Press the Object Tree button, then press the "Add" button
- Paste this into the Name box: **C_Space_Corner (make sure the underscores are included)**

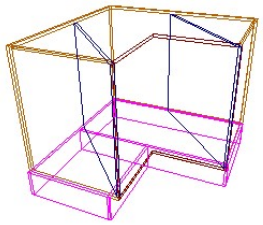


- Select Boolean as the type
- Enter 1 into the Value box
- Press OK.

The Partitions will now position themselves, and the "Spcnr" attributes will appear on the cabinet.

You can now save this cabinet as your blank Space Corner Cabinet template.

Attributes	
Spcnr Mitre ?	False
Spcnr Mitre Adj	0
Spcnr Syncro ?	True
Spcnr Syncro Adj	0



Sectioning the Cabinet

Drawer Quantity

Ensure that the left face and the right face are sectioned **IDENTICAL** to each other, or the drawers **will not** work.
In the cabinet editor, select the left face.
Add as many drawers as required with the split face button.
Change each drawer front height to the desired value.
NOTE: **Delete all DRAWER STRETCHERS!! Or it may not work properly**

Space Corner Available Drawer Heights.

Ensure you only select drawer box heights which can be used with space corner.
There are only three spacecorner drawer box heights available, M (84mm), C (167mm) and D (198mm) as follows:

INTIVO – M and D ONLY
ANTARO – Rigid (Classic) fronts – M and D ONLY
ANTARO – Syncromotion – M, C and D ONLY

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 construction method, based on the available space.
- **Ensure that no B , K or N heights are present, or no C where not available as mentioned above**.
- 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.
- **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.*

Drawer Box Depth Selection

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 associated with the end depth of the corner cabinet. Therefore to select the 650 or 600 deep drawers applicable to Space Corner you **MUST** manually override them:

- Click on each drawer front in the section view.
- Choose the "Box Depth" from the dropdown list in the sidebar.
- Choose the 650 or 600 deep from the list for every drawer.
- Now repeat the above steps for the right face.

Gallery Selection

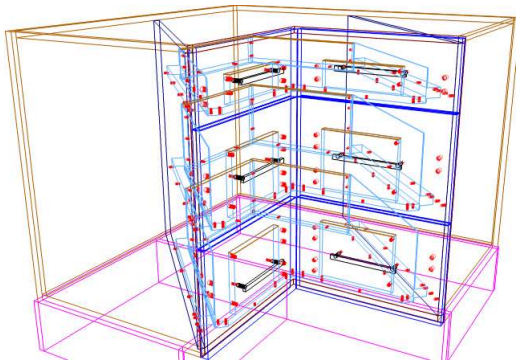
If you are using Solid Setup Plus's drawer systems, please refer to their User Guides on how to select the Gallery and other options. When using drawer back attributes, remember to select the same attributes on both backs (you may need to switch between the left and front smiley views to click on the left and right backs).

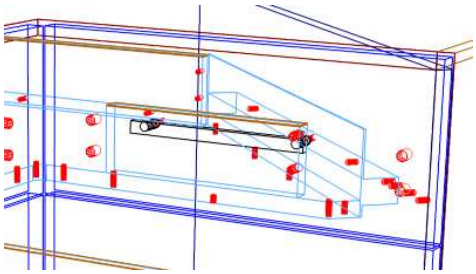
Cabinet Attributes

There are 4 Cabinet attributes on the space corner cabinet.

Syncromotion On/Off

Spcnr Syncro ? Switches between Syncromotion and Rigid Fronts.
Spcnr Syncro Adj Allows Adjustment of the drawer front gaps in the corner when Syncro is true.



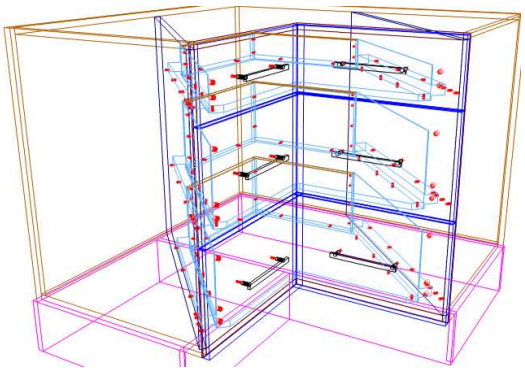


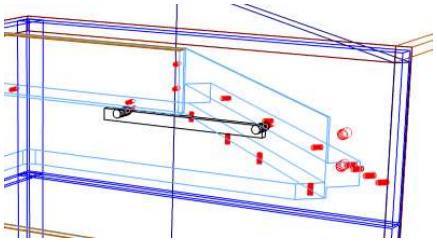
Syncromotion on

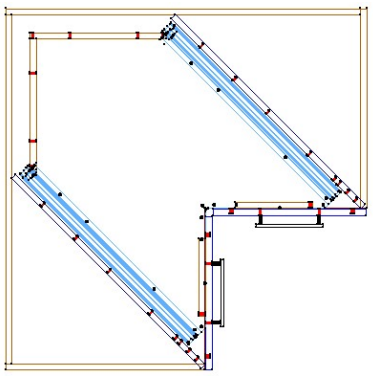
Rigid Front Mitering Options

Spcnr Mitre? Extends the Drawer fronts into the corner for mitering when Syncro is false.
Spcnr Mitre Adj Allows Adjustment of the mitering overlays in the corner when Mitre is true.

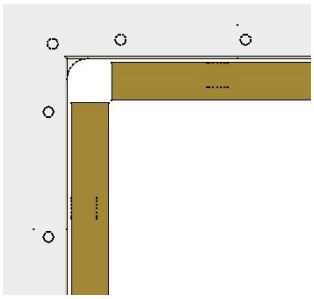
NOTE: Only the sizing for mitering is adjusted, actual mitre machining is not part of this package.





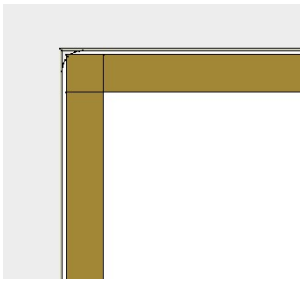


Cabinet Plan View



Corner Overlays for Syncromotion

Syncromotion off (Rigid Fronts)



Rigid Fronts with Mitre overlays.

Partitions and Spacers

Front Edge.

The partitions will be embedded into the cabinet ends or spacers at the front of the cabinet and will require mitering on the front edge for the Space corner cabinet to work properly.

NOTE: Only sizing for mitering is supplied, actual mitre machining is not part of this package.

Top and Bottom Edge.

You must add the top and bottom intellijoint to the partitions/spacers yourself to join them to the cabinet. If you wish to use a dado or mortise and tenon joint, refer to the next section on how to set the rebate value for those joints.

Rear Edge.

The partitions will be touching the face of the cabinet backs by default. If you wish to embed them into the backs so they can be mitred, refer to the next section on how to set the rebate value. Again, actual mitre machining is not provided.

UCS Public Variables

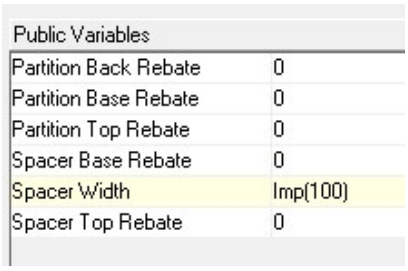
There are Public Variables in the **"{ DRAWS } -- Blum SpcCnr PT "** and **"{ DRAWS } -- Blum SpcCnr Box "** UCSs

- To change these variables go to the Utilities – Edit User Created Standards from the Plan or Elevation views



- Then click on the **"{ DRAWS } -- Blum SpcCnr PT"** UCS

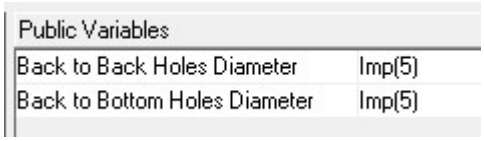
- On the top right hand side of the screen you will see the Public Variables list:



Set them to the values you prefer.

Partition Back Rebate = The distance the partitions will be embedded into the cabinet backs.
Partition Base Rebate = The distance the partitions will be embedded into the cabinet deck
Partition Top Rebate = The distance the partitions will be embedded into the cabinet top.
Spacer Width = The width of the spacers for Rigid Front option (default is 100mm)
Spacer Base Rebate = The distance the spacers will be embedded into the cabinet deck
Spacer Top Rebate = The distance the spacers will be embedded into the cabinet top.

- Then click on the **"{ DRAWS } -- Blum SpcCnr Box"** UCS
- On the top right hand side of the screen you will see the Public Variables list:



Set them to the values you prefer.

Back to Back Holes Diameter = screw hole diameter in corner of backs.
Back to Bottom Holes Diameter = Screw hole diameters through backs into bottoms

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

Tools Required

- The drill diameters for the extra Space Corner drilling are 10mm and 5mm in diameter are 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 graphics shown in various images contained in this document are not included in the Blum Space Corner 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.