Hettich Atira User Guide.



Introduction

Overview

- The 'Hettich Atira Drawer Package' from Solid Setup Plus adds the Hettich Atira drawers to Cabinet Vision.
- It provides drilling for the drawer box parts, the cabinet ends and the drawer front for CNC output.
- You can select 1 or 2 **Rectangular Rails, or Top Sides in Metal or Glass.**
- Adjustable drawer back heights with extra Gallery can be added to Pot drawers.
- Drawer box back height can be increased by attribute.
- It also adds 3d graphics for the drawer sides, runners, galleries and brackets etc.
- All Hettich parts with order codes are added for ordering.
- The runners and brackets etc. are added as separate parts and materials for reporting purposes.
- All material descriptions contain the Hettich order number after the # symbol.

Included in This Package

Drawer Guide Schedules

• "Hett ATIRA White V6 Slnt 30kg"	ATIRA White with V6 Silent 30Kg guides
• "Hett ATIRA White V6 PTO 30kg"	ATIRA White with V6 Push To Open 30Kg guides
• "Hett ATIRA White V6+ Slnt 50kg"	ATIRA White with V6+ Silent 50Kg guides
• "Hett ATIRA White V6+ PTO 50kg"	ATIRA White with V6+ Push To Open 50Kg guides
• "Hett ATIRA Silver V6 Slnt 30kg"	ATIRA Silver with V6 Silent 30Kg guides
• "Hett ATIRA Silver V6 PTO 30kg"	ATIRA Silver with V6 Push To Open 30Kg guides
• "Hett ATIRA Silver V6+ Slnt 30kg"	ATIRA Silver with V6+ Silent 50Kg guides
• "Hett ATIRA Silver V6+ PTO 50kg"	ATIRA Silver with V6+ Push To Open 50Kg guides

Drawer Guide Materials:

Colour	Type	Weight	Height	Depths						
White/Silver	V6 Silent	30kg	54	n/a	n/a	n/a	n/a	470	n/a	n/a
White/Silver	V6 Silent	30kg	70	260	300	350	420	470	520	n/a
White/Silver	V6 Silent	30kg	144	260	300	350	420	470	520	n/a
White/Silver	V6 Silent	30kg	176	260	300	350	420	470	520	n/a
White/Silver	V6 PTO	30kg	54	n/a	n/a	n/a	n/a	470	n/a	n/a
White/Silver	V6 PTO	30kg	70	260	300	350	420	470	520	n/a
White/Silver	V6 PTO	30kg	144	260	300	350	420	470	520	n/a
White/Silver	V6 PTO	30kg	176	260	300	350	420	470	520	n/a
White/Silver	V6+ Silent	50kg	54	n/a	n/a	n/a	n/a	470	n/a	n/a
White/Silver	V6+ Silent	50kg	70	n/a	300	350	420	470	520	620
White/Silver	V6+ Silent	50kg	144	n/a	300	350	420	470	520	620
White/Silver	V6+ Silent	50kg	176	n/a	300	350	420	470	520	620
White/Silver	V6+ PTO	50kg	54	n/a	n/a	n/a	n/a	470	n/a	n/a
White/Silver	V6+ PTO	50kg	70	n/a	300	350	420	470	520	620
White/Silver	V6+ PTO	50kg	144	n/a	300	350	420	470	520	620
White/Silver	V6+ PTO	50kg	176	n/a	300	350	420	470	520	620

User Created Standards

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

- { DRAWS } -- Hettich Atira ID's Revision List.
- { DRAWS } -- Hettich Atira Attributes Adds Attributes to drawer backs.
- { DRAWS } -- Hettich Atira Hole Masking Deletes unwanted holes from drawer fronts.
- { DRAWS } -- Hettich Atira Runners Adds the drawer profiles and drawer guides
- { DRAWS } -- Hettich Atira Brackets Adds the drawer front and back brackets
- { DRAWS } -- Hettich Atira Galleries Adds the Rails and TopSides etc
- { DRAWS } -- Hettich Atira Rollout Adds the rollout metal front, and cross gallery

Drawer Boxes

The Following drawer box constructions are provided:

- Hettich Atira Drawer Drawers boxes
- Hettich Atira Inner Rollouts

Room Notes

The Following system notes are provided:

- S_Room_Atira_Rail "Atira Rail Option"

Room Attributes

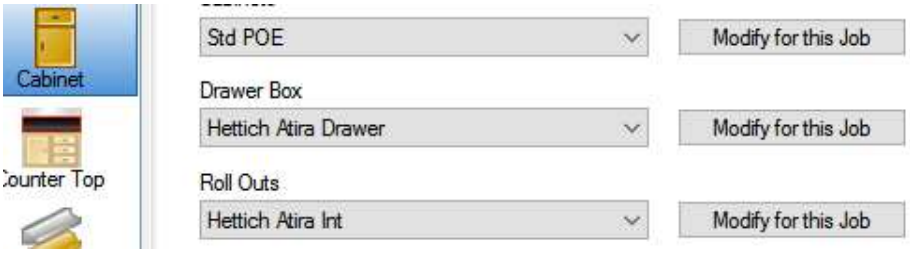
- S_Room_DFront_Screwon "Draw Front Screwon"

Atira Usage

Menu Selections for a Job or Room.

To use the Atira 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 "**Hettich Atira Drawer**" and the **Roll Outs** set to "**Hettich Atira Int**" :



- In the Hardware tab, choose one of the Hettich Atira 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 Hettich Atira.

Menu Selections for a Cabinet.

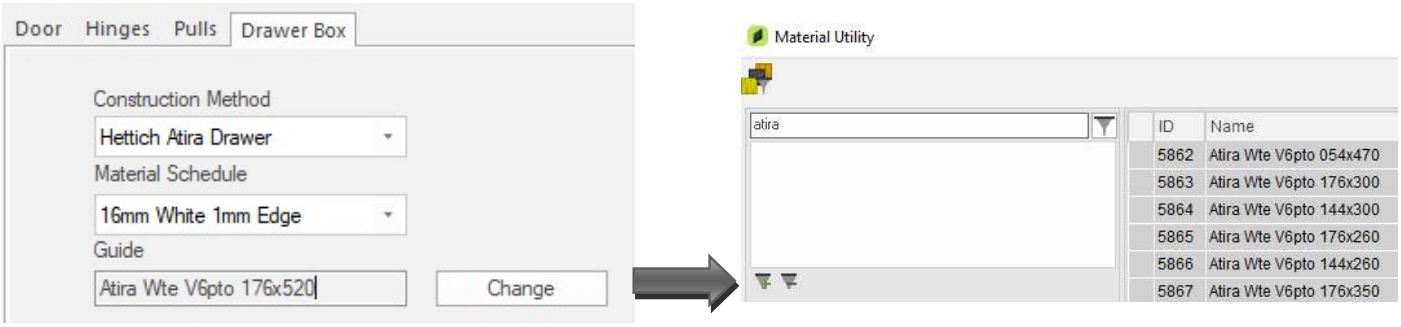
To use Atira drawers in a cabinet when Atira has **not** been selected in the room or job the Construction, Materials and Hardware tabs for the cabinet in question **must** be set to the same selections as above.

- 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.

Menu Selections for one Drawer/Rollout.

To use Atira drawers for one drawer/rollout when Atira has **not** been selected in the cabinet, or you wish to use a Atira 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 "**Hettich Atira ……..**" 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 "Atira" or "Atira Wte" 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 run the Construction wizards for the backs in the “Hettich Atira Drawer” and “Hettich Atira Inner” construction methods:

- For the drawer box backs and roll out sides to be banded correctly the selected material schedule for “Drawer Box” and “Roll Out” **must** have a suitable edge banding material selected.

- The material schedules can be edited from the splash screen under the “Main” tab

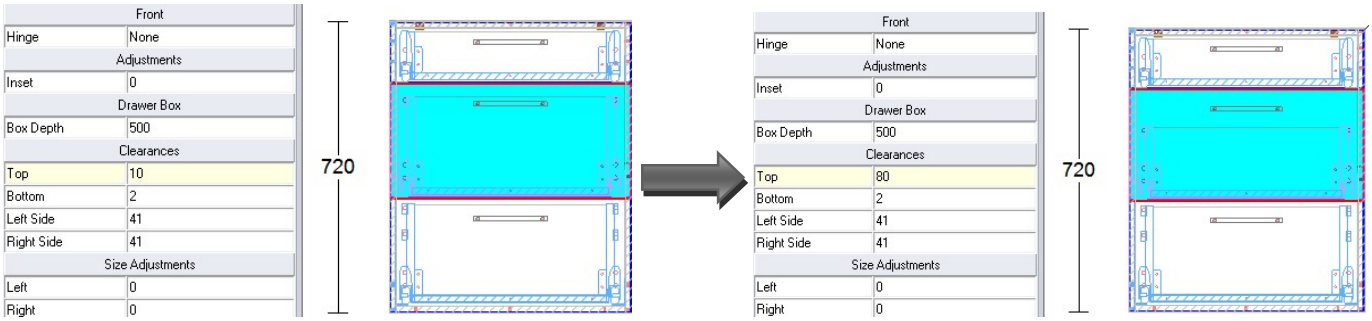


Drawer Boxes

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:

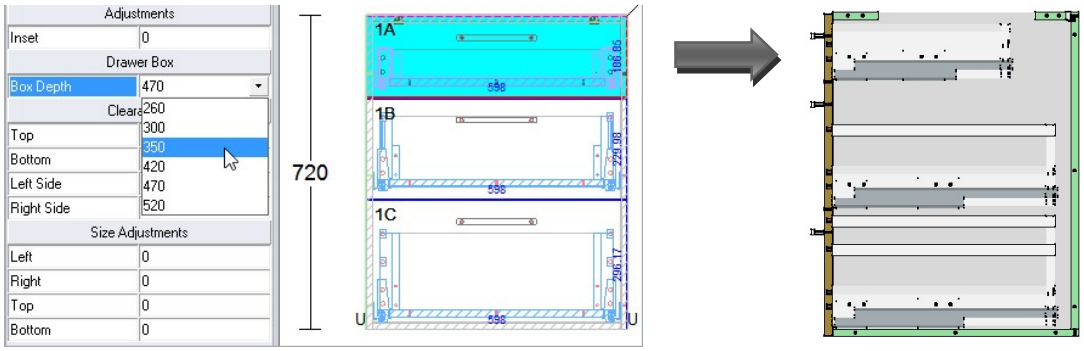


- **NOTE:** *If you are using a drawer leveling UCS (which moves the top drawer boxes up to match the bottom lip reference of the bottom drawer), this may cause those drawer boxes to interfere with an object above them, whether it be the next drawer front, the cabinets top or top stretcher or a drawer 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.

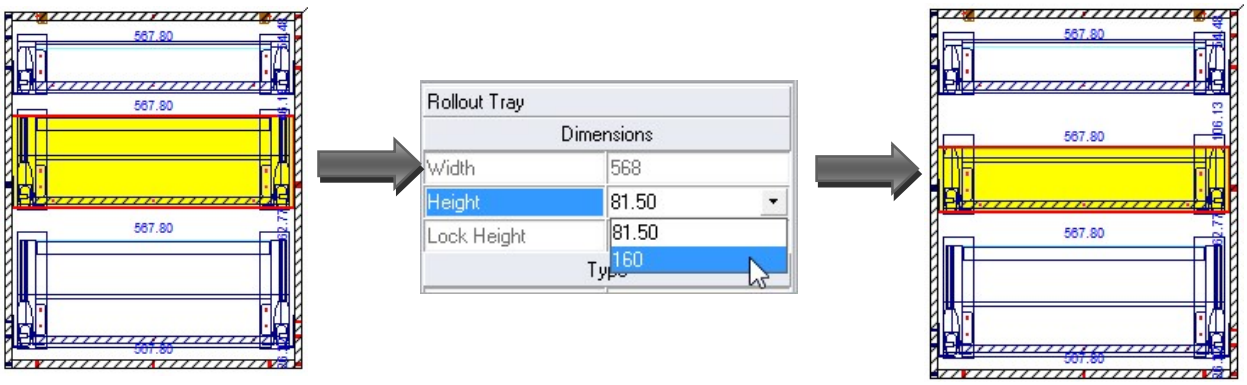
- To select a smaller drawer box depth, click on the drawer front in the section view.
- Choose the "Box Depth" from the dropdown list in the sidebar as shown here:



Rollouts

Rollout Height Control

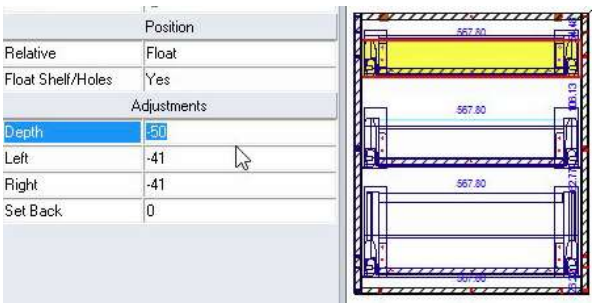
- To add a rollout in the section interior view of the cabinet editor, add a "Split Horz" and then select it and change it to a "Rollout Tray" in the left sidebar. Or use the "Split Multi Horz" function and choose the "Roll-out Tray" button and then press OK.
- When a rollout is first added to a cabinet, 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:



- **NOTE:** *The actual heights of the inner drawer are slightly more than the above measurements due to the taller front brackets etc. This may cause the inner drawers to interfere with each other or another cabinet part.*
- *To prevent this always check every rollout in the cabinet editor, (preferably with the graphics turned on so you can clearly see any part interference), and reduce the rollout box height using the method described above.*
- *The actual overall heights of the rollouts are as follows:*
  1. 81.5mm for the 106 High Rollout (Hettich 70h)
  2. 160mm for the 176 High Rollout (Hettich 144h

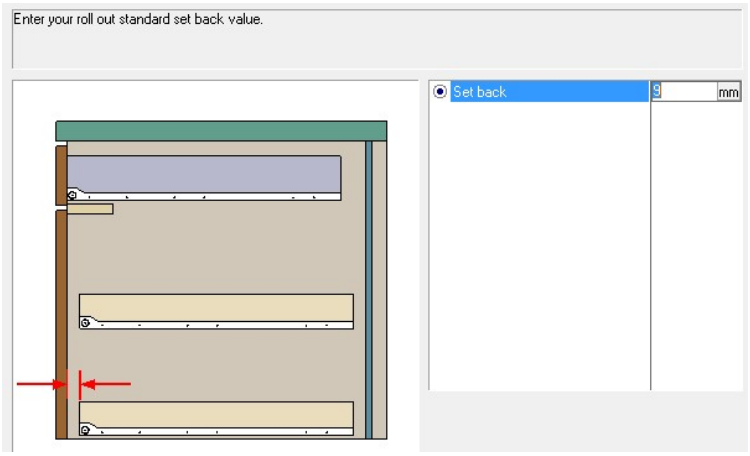
Rollout Depth Control

- 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, as shown here:

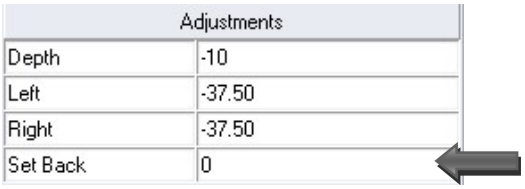


Rollout Setback

- The Rollout setback is set in the Rollout Construction method by the "General" wizard.
- We have set this to 9mm, which is enough for the front brackets of the rollout drawer to clear the door.



- To adjust the setback of each rollout individually, use the "**Set Back**" setting under "**Adjustments**", in the section view as shown in this image.



Rectangular Rails, TopSide Metal and TopSide Glass

Setting the Room Notes

For Pot Drawers there is a **Room note** which control the preferences for **Rails**, and **Side Panels**.



Atira Rail Option

1 Rail	Selects 1 Rectangular Rail for all Pot Drawers or Rollouts
2 Rails	Selects 2 Rectangular Rails for 176h Pot Drawers only.
TopSide Glass	Selects a TopSide Glass Panel (under rail) for Pot Drawers (Metal for Rollouts)
TopSide Metal	Selects a TopSide Metal Panel (under rail) for Pot Drawers or Rollouts.

Drawer Back Attributes

These Room preferences can then be overridden on any drawer, by changing the drawer back attributes:

Atira Rail?	**Auto**	**Uses the Room preference**
	1 Rail	Selects 1 Rectangular Rail
	2 Rails	Selects 2 Rectangular Rails 176h (not available for Rollouts)
	TopSide Glass	Selects TopSide Glass (not available for Rollouts)
	TopSide Metal	Selects TopSide Metal
Atira Adj Rail?	**True**	**Ads Extra Rail if there is enough space.**
Atira Adj Height?	**243**	**Allows the back height to be altered.**



1 Rectangular Rail



2 Rectangular Rails



TopSide Metal



TopSide Glass



Extra Adjustable Height Rail

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 and change the front bracket material to the screw mount bracket for reports and ordering purposes.

UCS Public Variables

Location

There are Public Variables in the "**{ DRAWS } -- Hettich Atira Attributes "** UCS.

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



- Then click on the **"{ DRAWS } -- Hettich Atira Attributes"** UCS.
- On the top left hand side of the screen you will see the Public Variables list:

Public Variables	
Front Knockin Depth	12mm
Front Knockin DIA	10mm
Front Screwon Depth	5mm
Front Screwon DIAM	3mm
Front Bracket Holes Y Adjust	0
Gallery Back Depth	5mm
Gallery Back DIAM	3mm
Guide Cabinet Depth	12mm
Guide Cabinet DIA	5mm
Box Back Depth	12mm
Box Back DIAM	5mm

Drilling Diameters and Depths

The remaining 8 Public variables allow you to choose what diameters and depth you wish to drill for the various drawer box parts.
Each set of holes has a separate diameter and depth value.

Front Knockin = Holes in the Drawer Front for front connectors if Room Attribute "Draw Front Screwon" is **False**.
Front Screwon = Holes in the Drawer Front for front connectors if Room Attribute "Draw Front Screwon" is **True**.
Gallery Back = Holes in the Drawer box or Rollout back for the Gallery Rail brackets.
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 back brackets.
Front Bracket Holes Y Adjust = Allows the drawer front holes to be adjusted up or down.

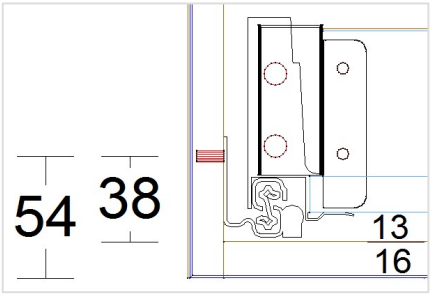
- If your system is set to mm, Edit the values in the **Imp()** brackets to the diameter and depths you require.
- If your system is set to inches, simply replace the whole **imp()** with the imperial measurement instead.
- Eg: **Imp(3)** might become **1/8**

Note: To turn off any of the holes if not required, set the depth to zero.

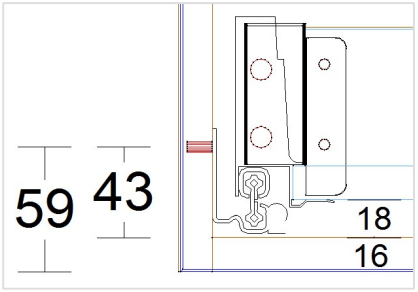
Once you have changed all these values to your requirements, you can close the UCS editor.

Drilling Vertical Position

- The vertical position of the Atira drawers in Cabinet Vision, like all drawer systems, is determined by the **"Bottom Clearance"** of the drawer guide material.. For the bottom drawer, this is the distance from the top of the cabinet base or deck, to the bottom edge of the drawer bottom itself.
- We have set the bottom clearance to 13mm for the V6 and 18mm for the V6+ runners which is 1mm higher than specified.
- 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.
- The following diagrams show the distances for each guide type:



Quadro V6



Quadro V6+

BLUEMAX MACHINE:

You may be using a **Bluemax** machine to drill your drawer fronts if you are buying them from elsewhere, rather than nesting them yourself from Cabinet Vision. If that is the case, you may need to set the **bottom clearance** to **18** for the **V6** drawers to match the **V6+** setting. Check with your local hardware supplier to be sure. This can be done in the section view of the cabinet editor for each drawer as required. The V6+ drawers can be left as is.

Tools Required

- The drill diameters you choose in the UCS User Definable 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 drilling shown in various images contained in this document are not included in the Hettich Atira Visual Package, but come from other packages which are sold separately.

Any 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.