Harn Alunan T User Guide.



Introduction

Overview

- The 'Harn ALUNAN T Drawers' from Solid Setup Plus adds the Harn ALUNAN T Drawers to Cabinet Vision.
- Drawers are Silk White, or Umbra Grey - 35kg and 60kg
- Heights provided are S(88mm), T(120mm), K(175mm), HS(208mm) and FS(272mm)
- The HS height comes as a Side Extend or Rectangular Rail option
- 35kg Depths are 270,300,350,400,450,500,550mm
- 60kg Depths are 400,450,500,550,600,650mm
- 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.
- Rollout front types for utilizing metal fronts, Melamine ROF fronts and SLAB colour fronts in both Horizontal and Vertical Grain are provided.

Included in This Package

Drawer Guide Schedules:

HARN Alunan T Wte 35kg Rail	Silk White Drawers with 35kg guides – HS height has Rect Rail.
HARN Alunan T Wte 35kg Rail	Silk White Drawers with 35kg guides – HS height has Side Extension.
HARN Alunan T Wte 60kg Rail	Silk White Drawers with 60kg guides – HS height has Rect Rail.
HARN Alunan T Wte 60kg Rail	Silk White Drawers with 60kg guides – HS height has Side Extension.
HARN Alunan T Ugr 35kg Rail	Umbra Grey Drawers with 35kg guides – HS height has Rect Rail.
HARN Alunan T Ugr 35kg Rail	Umbra Grey Drawers with 35kg guides – HS height has Side Extension.
HARN Alunan T Ugr 60kg Rail	Umbra Grey Drawers with 60kg guides – HS height has Rect Rail.
HARN Alunan T Ugr 60kg Rail	Umbra Grey Drawers with 60kg guides – HS height has Side Extension.

User Created Standards

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

Note The following UCS's must be in the order displayed here.

- { DRAWS } -- HARN Alunan T Attributes — Adds the drilling Attributes.
- { DRAWS } -- HARN Alunan T Parts — Adds the brackets and rollout front parts and extra bottom holes

Drawer Boxes

The Following drawer box and Rollout constructions are provided:

- HARN Alunan T Drawer
- HARN Alunan T Int (Metal front rollout option)
- HARN Alunan T Int ROF (white board front option)
- HARN Alunan T Int SLABh (Colour board front option – Horizontal Grain)
- HARN Alunan T Int SLABv (Colour board front option – Vertical Grain)
- We have allowed 3mm depth clearance
- We have allowed for a default rollout setback of 9mm for metal fronts or 20mm for board fronts

Room Attributes

The Following system attributes are provided:

- "Draw Front Screwon" – True/False

Alunan T Usage

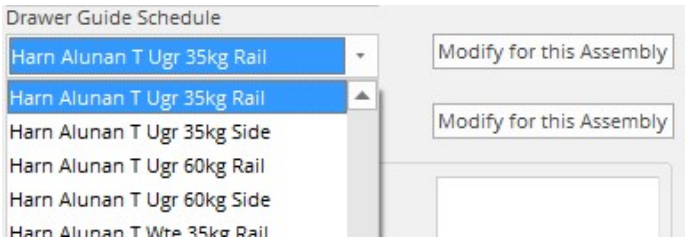
Menu Selections for a Job or Room.

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

- In the job or room properties the Construction tab should have the **Drawer Box** set to "**Alunan T"** and the **Roll Outs** set to "**Alunan T Int **"** as shown here:



- In the Hardware tab, choose one of the Alunan T 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 Material sselected are suitable for Alunan T.

Menu Selections for a Cabinet.

To use Alunan T drawers in a cabinet when Alunan T 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.

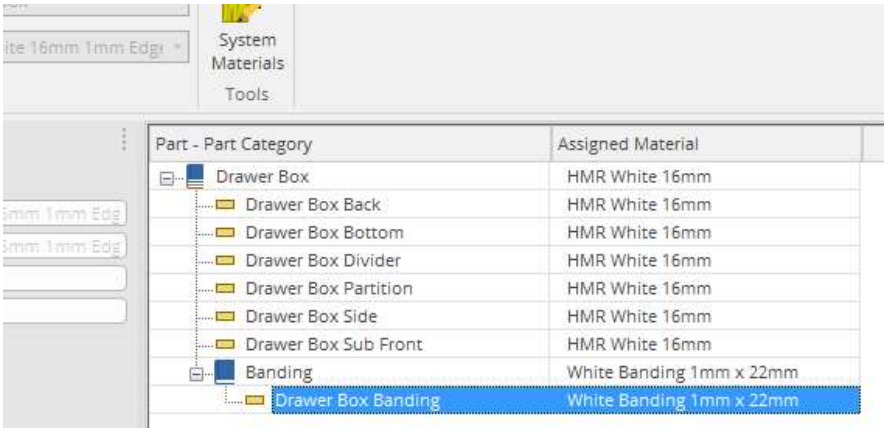
Menu Selections for one Drawer/Rollout.

To use Alunan T drawers for one drawer/rollout when Alunan T has **not** been selected in the cabinet, or you wish to use a Alunan T 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 "**Alunan T"** or "**Alunan T Int **"** if it is not already.
- To Change to a different guide type press the "**change**" button

Drawer Box Banding Setup

- For the drawer box backs and roll out backs to be banded correctly the selected material schedule for "Drawer Box" and "Roll Out" **must** have a suitable edge banding material selected and the Alunan T drawer box and rollout construction method must have banding applied to the top of the backs.



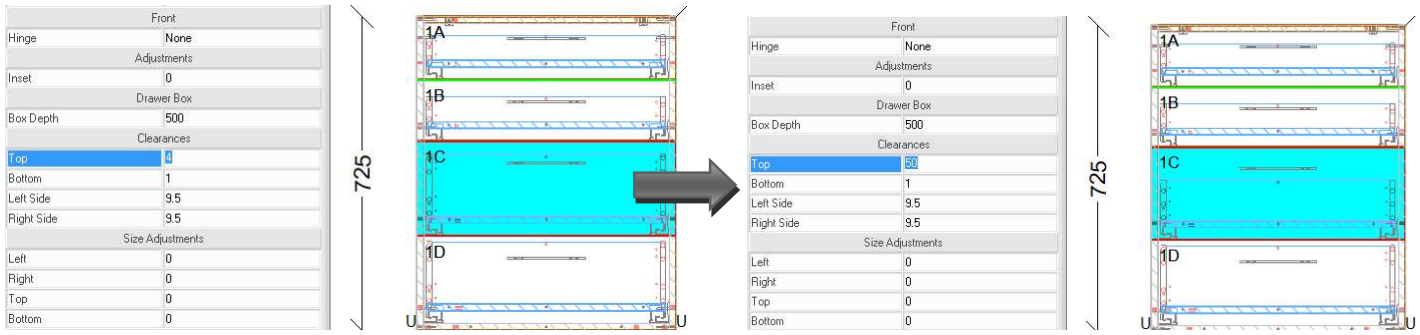
- The material schedules can be edited from the splash screen under the "Main" tab

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 heigh t 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, 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

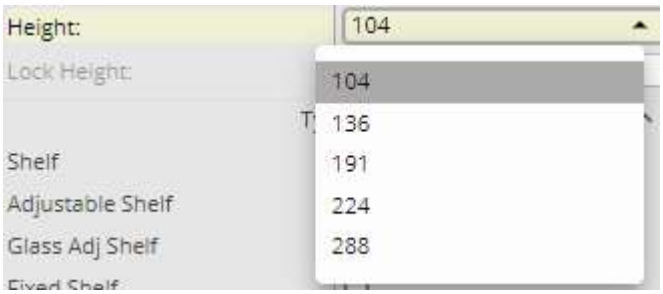
When a drawer is first added to a cabinet, Cabinet Vision will always choose the deepest drawer that will fit from the drawer guide schedule, based on the available space.

- 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

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.
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- **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, so you can clearly see any part interference.*
- *The actual overall heights of the rollouts are as follows:*

1. **104** selection (**S 88mm profile**) actual height with bracket is **107mm**
2. **136** selection (**T 120mm profile**) actual height with bracket is **139mm**
3. **191** selection (**K 175mm profile**) actual height with bracket is **94mm**
4. **224** selection (**HS 208mm profile**) actual height of **board type front** is 224.5mm *
5. **288** selection (**FS 272mm profile**) actual height of **board type front** is 288.5mm *

(* Not available for Metal fronts – UCS will delete rollout if selected)

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

Rollouts with wooden fronts (Alunan T Inner ROF)

- This Rollout type will not use the metal front piece, but will use a wooden front instead.
- The material for the wooden front and its edge banding are set in the Rollout Material Schedule
- The front size and banding is set in the Roll Out Wizard – Roll Out Front and Box Connections
- Roll Out Front - Top overhang is -**2mm** (2mm above sides)
- Roll Out Front and Roll Out Guide - The side overhang is **35mm** (leaves **2.5mm gap** between front and end)
- The Bottom overhang is set by the Connection "**ROF_ROBT HARN Alunan T Inner W**" which sets the overhang to **46mm** below the **TOP FACE** of the bottom (**30mm** below a 16mm bottom)
- You can alter the wizard or connection if you prefer different overhangs.

Rollouts with wooden fronts (Alunan T Inner SLABh or SLABv)

- These Rollout types will not use the metal front piece, but will use a colour drawer front instead.
- The front size is set in the Roll Out Wizard – Roll Out Front and Box Connections – as per the ROF type above
- The material and banding will match the **door** selections for the cabinet
- For grained material the SLABh will run the grain horizontal and SLABv will be vertically grained.

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.

Drilling Setup

UCS Public Variables

There are several Public Variables in the "**{ DRAWS } – HARN Alunan T 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 } -- HARN Alunan T Attributes"** UCS.
- On the top left 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

For the variables, each set of holes has a diameter and depth value:

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 back brackets.

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.

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

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.