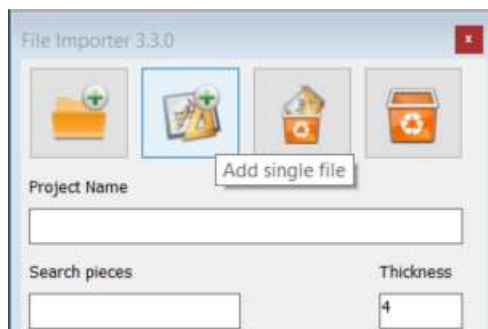


## DDX, Importing to nesting

1. Open DDX XCAM and select the File Importer icon



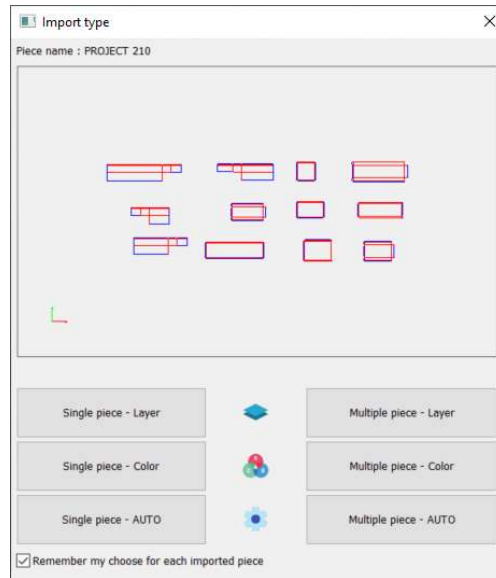
2. In the “File importer” window select the “Add single file” option.



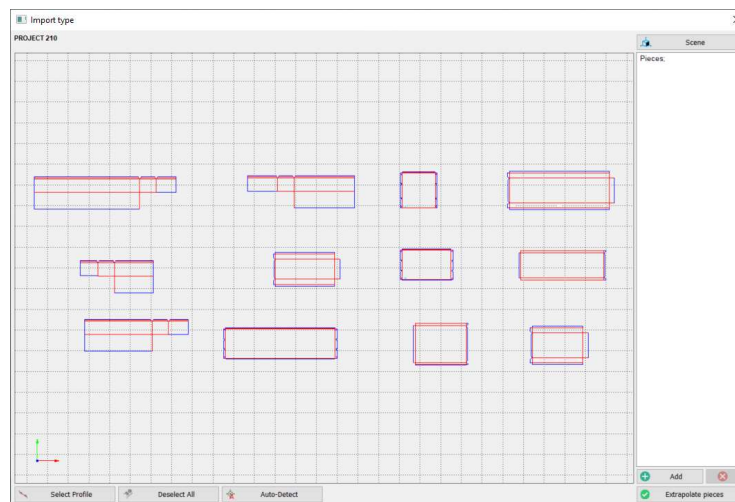
3. Select the format of the file to be imported and browse your network to the required file and click open.



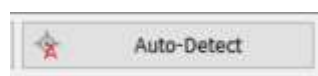
4. In the “Import type” window you can choose if the file is to be imported using the Layer name, the vector colour or Automatic. You are also able to choose if the part imported is a single part or has multiple parts.



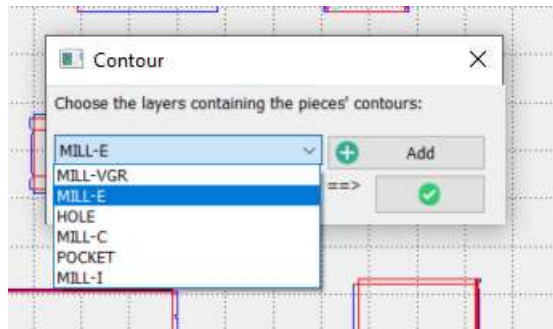
5. If you are importing multiple cassettes, the system will now have to divide the drawing into single parts otherwise goto step .11



6. Select the “Auto-Detect” option at the bottom of the screen.

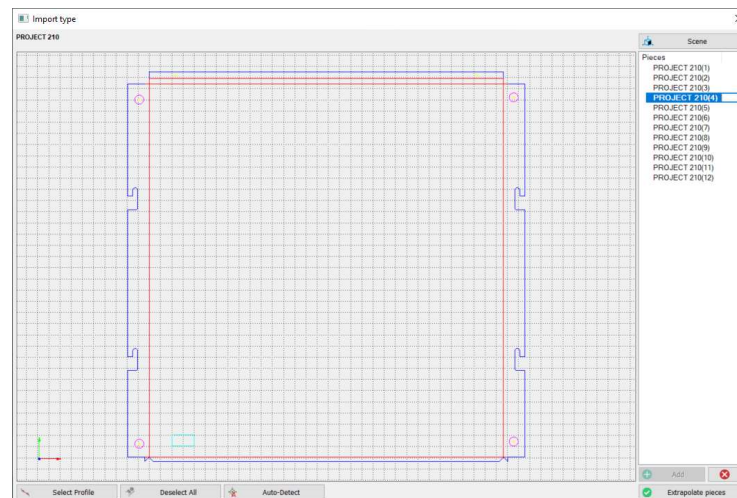


- Using the dropdown, select the layer that contains all the other layers. This is traditionally the profile of the part. In this case it is “MILL-E”.



Select the layer, click “Add” and then select the tick to confirm your choice.

- You can now check each part by clicking the individual part on the list to the right of the screen.

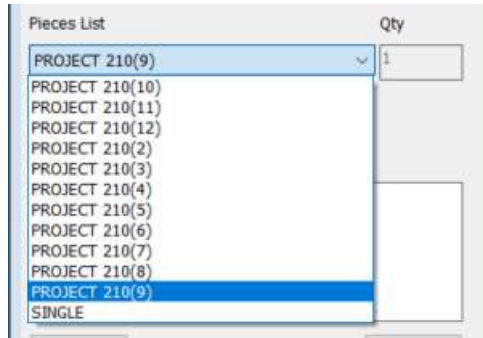


- You can delete any part from the list by highlighting the part on the list and selecting the delete icon at the bottom right of the screen.

- Now finish the import by selecting the “Extrapolate pieces” key




11. All parts will now be featured in the Pieces List in the File importer window.

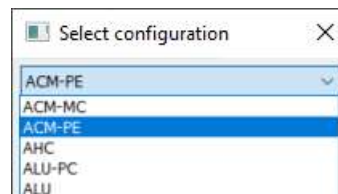


You are now able to check and edit any part in the list.



12. Select the “Part 1” icon on the bottom left to check and edit the layers of each part.

13. At the bottom left of the importer window select the “Configuration log”  then select the material the click “Confirm”

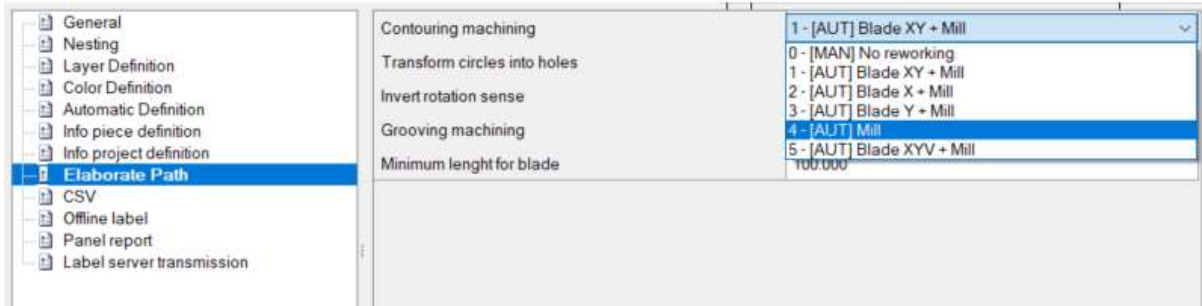


14. To choose the device or devices to use to cut the parts select “Elaborate Path”



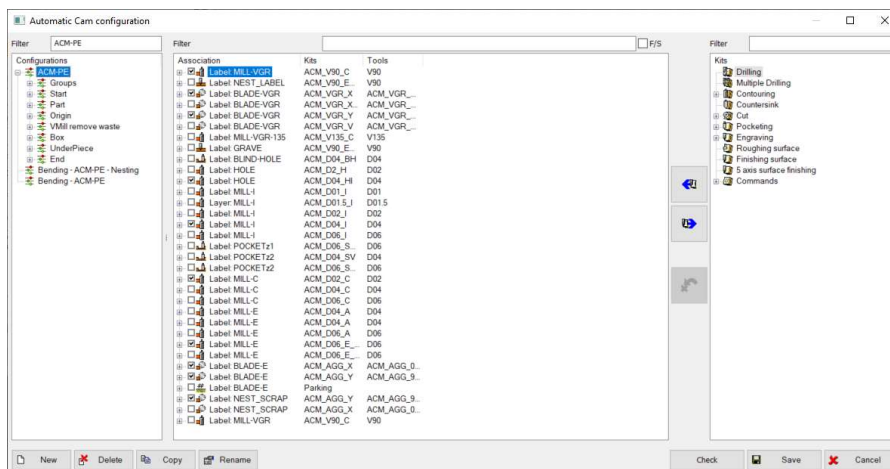
15. To choose which device is to cut the Contouring and the Grooves, double click the drop-down option and choose the appropriate devices.

Setting: ACM-PE





If you have any question regarding these choices, then contact your local support office.

16. Ensure that all appropriate tooling is selected for the cutting operation, by going to Database/Automatic Cam and checking the required tools are selected with a tick. You can filter your choices in the top left window by typing in the material to be cut. By dragging each tool up and down the middle window you can also order the cut sequence.



17. Select “Save” to close the window and update your choices.

18. To enter and use your stock material select the “Nest” icon  and the “New sheet”  icon.

19. You can now create a new sheet or edit an existing sheet of material by using the dropdown options and entering the materials dimensions.  
 In the quantity section you can keep track of the number of sheets you have in your stock, the quantity will reduce as they are allocated per nest.  
 By entering a “#” in the system it will indicate that the stock is unlimited, and by entering a “0” will indicate the stock is at zero and will not nest on that sized sheet.

Sheet store

Name	Width	Height	Thickness	Material	Category	Quantity	Scrap	Grain:	Take
ACM-PE 2500X...	2500	1500	4	ACM-PE		0	<input type="checkbox"/>		1
ACM-PE_3050x...	3050	1500	4	ACM-PE		143	<input type="checkbox"/>		1
ACM-PE_4000x...	4000	1500	4	ACM-PE		98	<input type="checkbox"/>		1
ACM_GED	1500	720	4	ACM-PE		0	<input type="checkbox"/>		1
ACRYLIC	3000	2000	8	ACRYLIC		0	<input type="checkbox"/>		1
AHC_4000x150...	4000	1500	10	AHC		#	<input type="checkbox"/>		1
ALU_2500x250...	2500	1250	3	ALU		0	<input type="checkbox"/>		1
ALU_3000x150...	3000	1500	3	ALU		0	<input type="checkbox"/>		1
ALU_4000x150...	4000	1500	3	ALU		0	<input type="checkbox"/>		1
ALU-PC	3000	1500	3	ALU-PC		0	<input type="checkbox"/>		1
ACM-MC_4000...	4000	1500	4	ALU-PC		0	<input type="checkbox"/>		1
FC_4000x1500x8	4000	1500	8	FC		0	<input type="checkbox"/>		1
HPI_4000x150...	4000	1500	8	HPI		0	<input type="checkbox"/>		1

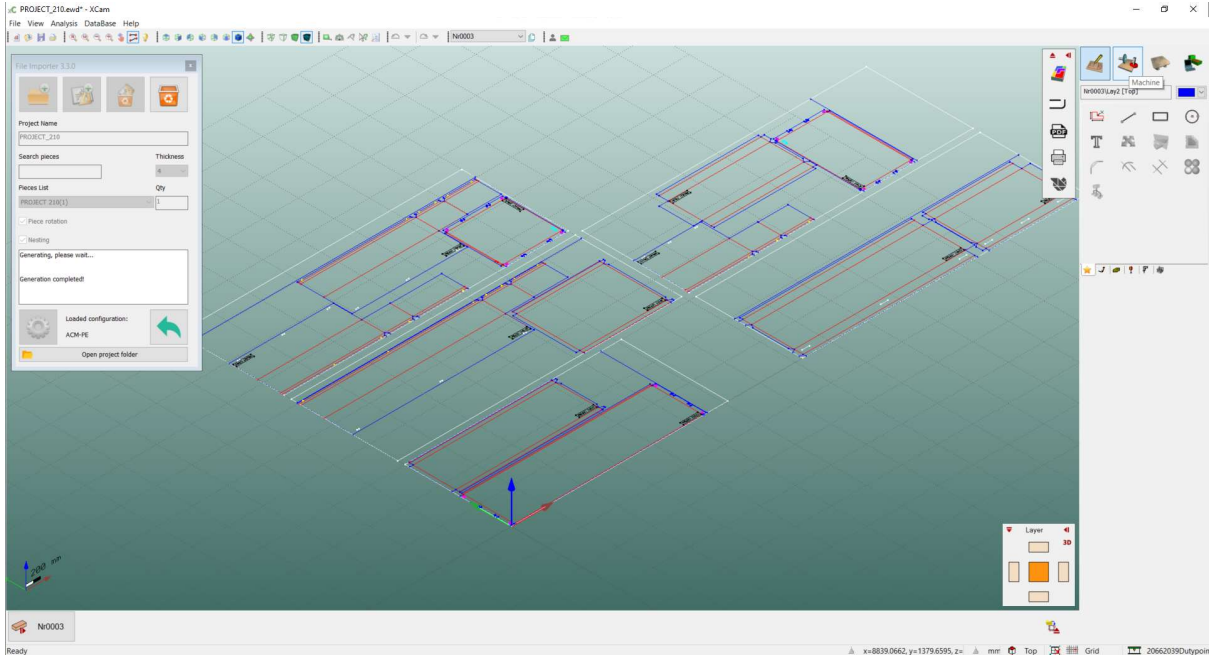
ALU-PC

Once done select the “OK” button.

20. Now fill in the Project name in the “File importer”, select the “Nesting” option if more than one part is to be nested. By checking the “Piece rotation” option the parts will rotate to give better nesting optimization. Now select the “Generate” icon.







21. To view the tooling sequence of any nest, select the Machine Icon on the top right of



the screen and select the required nest from the nest list. Now select each tool in turn from the list on the left.

