

library

fast

build

accurate

efficient

simple to use

knowledge base

customise



easy to learn

3D

manufacturing

flexible

design

assistance

training

help centre

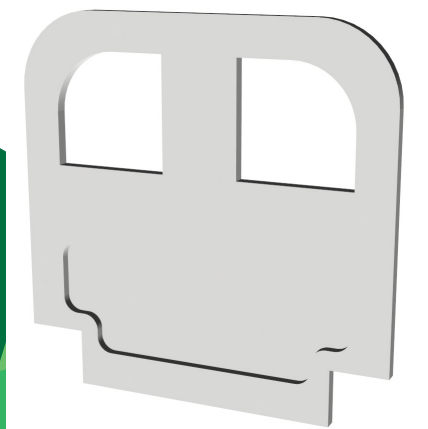
nesting

increase production

CNC

support

save time



www.cabmastersoftware.com

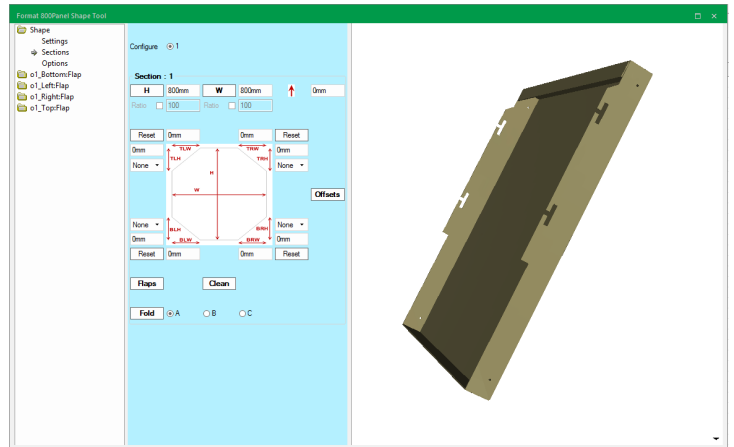


ShapeMaster Software is a simple to use application for manufacturing of aluminium composite material (ACM)

ShapeMaster Software allows you to create your own shapes with either simple or complex machining and folding that is parametrically controlled.

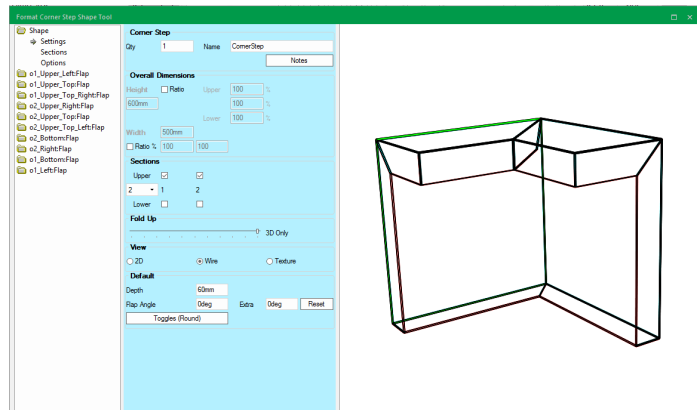
It comes with a library ready to use, or as a base to create your own personal library of shapes.

So you just need to select the required shape, type in the basic parameters such as width and height then send to your CNC machine.



View Parts in 3D

ShapeMaster Software lets you create or modify your own shapes as required for production and lets you see the completed panel in plan view or in a 3D view to ensure the final product is correct. Saving production and setup time.



Create Detailed Reports

ShapeMaster Software Includes detailed reports which can assist with Purchasing, Production and Installation and cover items such as Part dimensions, quantities, lengths of Angle Brackets required etc.

ShapeMaster Software Includes:

- Complete range of ACM Shapes
- Save your own shapes for later use
- MachineView - EzyNest integration
- Report with Shape Details and Comments
- 3D Rendering of Shapes
- See Shapes folding in 3D for assembly
- Parametric Shapes for easy adjustments.

Account Name ShapeMaster Software
Drawing Title ShapeList
Job Number theJobNumber

Parts					
Quantity	Part	Width	Length	Thick	Material
1	CornerStep	600mm	920mm	4mm	Substrate 4mm
1	CornerStep	600mm	920mm	4mm	Substrate 4mm
1	CornerStep	600mm	920mm	4mm	Substrate 4mm
1	CornerStep	600mm	920mm	4mm	Substrate 4mm

EnRoute Integration

ShapeMaster Software integrates directly with Programs such as EzyNest or EnRoute Software with our MachineView feature.

MachineView displays the complete cutting layout (Nest) inside ShapeMaster and will Automatically generate the GCode from EnRoute for your CNC at the click of a button.

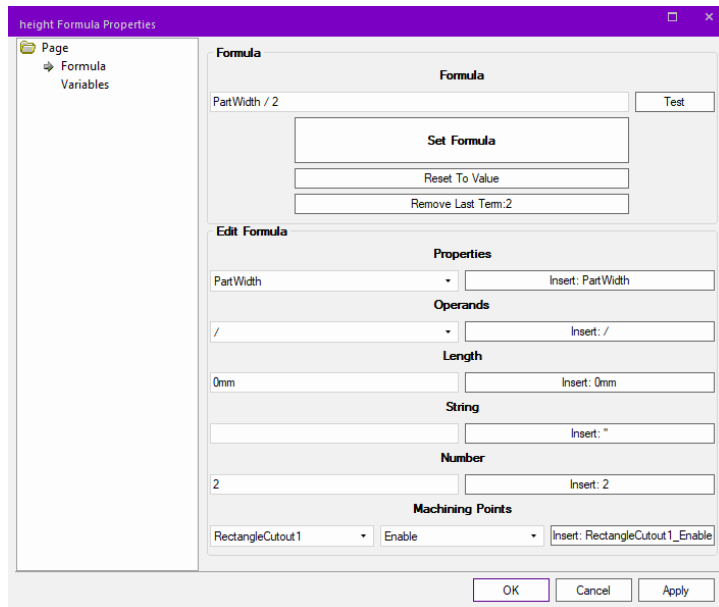
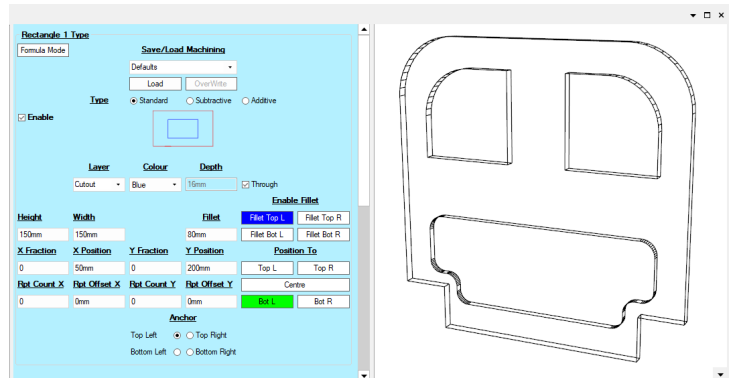


PartMaster Software is a single “Part” that you can create pretty much anything you want from, with your own Parametric formulas.

PartMaster Software lets you take a basic shape, gives you full control over the border profile, which can be as simple as a width and height, multiple X / Y Coordinates or import a DXF.

Then it lets you add your additional machining such as drilling patterns and routes to let you produce whatever shaped parts you like.

From Cabinet Parts, to Accoustic Panels etc.



Machining Options

PartMaster includes a range of machining options for creating your parts.

It includes a single drill hole, which can also be offset and repeated.

It includes a sequence of holes, where you specify start and end points and the number of holes between, these can also be offset and repeated.

Finally you can add in a route that has the same configuration options as the border, from a simple width and height to X / Y Coordinates.

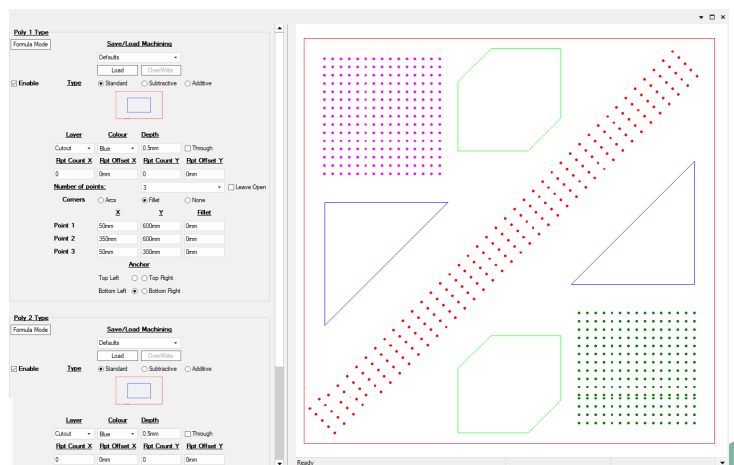
Formula Control Variables

PartMaster comes with a built in Formula Editor that helps you create the Parametric formula you require to Automate the adjustments of your new parts.

You can create Global variables, like Part_Width, that you can then use to control the width of multiple parts from then on.

Or just a simple simple formula to place drill holes in centre of a part with “PartWidth / 2”.

Now you are in full control!



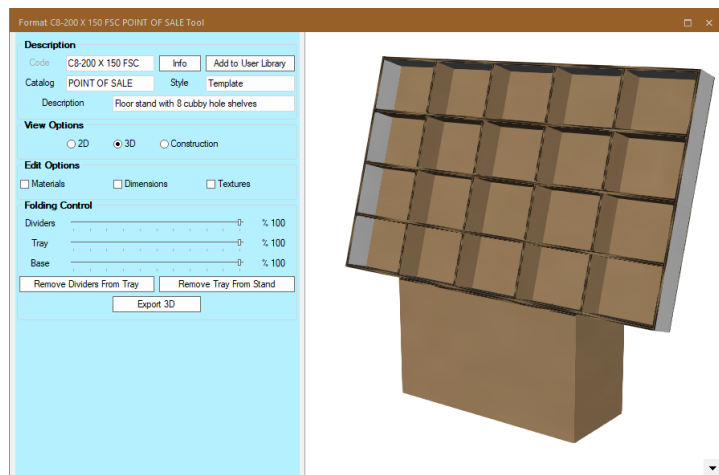
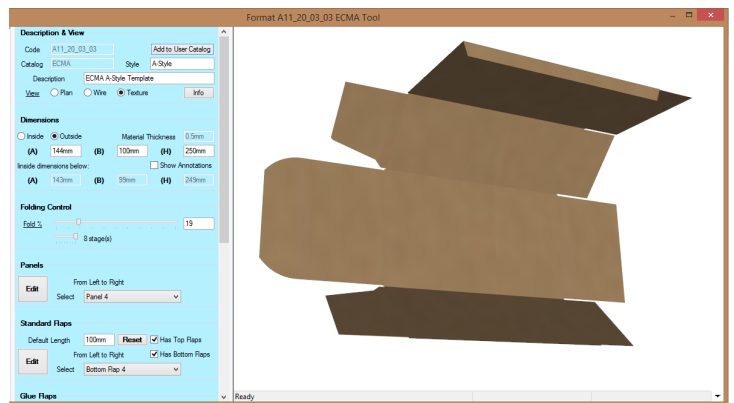


BoxMaster Software is a Rapid Prototyping and short run Production software for 3D design for Boxes and POS Displays.

BoxMaster Software lets you easily design and visualise new boxes in 3D as well as letting you animate how these will fold together, ensuring the most efficient design to production for new products.

BoxMaster comes with a full range of standard box templates in various configurations and a large range of POS Display templates.

All of which are editable to suit your requirements.



Materials and Artwork

BoxMaster lets you specify what material and thickness you are going to create the final product out of, so the size and strength of your products are endless.

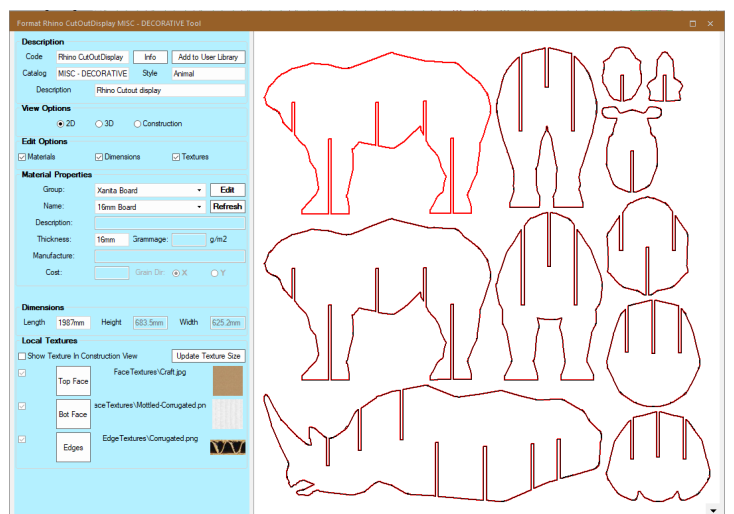
You can also import your own artwork to display as a texture on each part to allow proper visualization of the final products and also complete Print to Cut for production.

Design your Own

BoxMaster has a built in part editor that lets you create your own designs, from simple boxes to display units and more.

You can also import DXF files that can be assembled into more than just boxes.

You will find BoxMaster the most comprehensive product for Display and Point of Sale product creation.





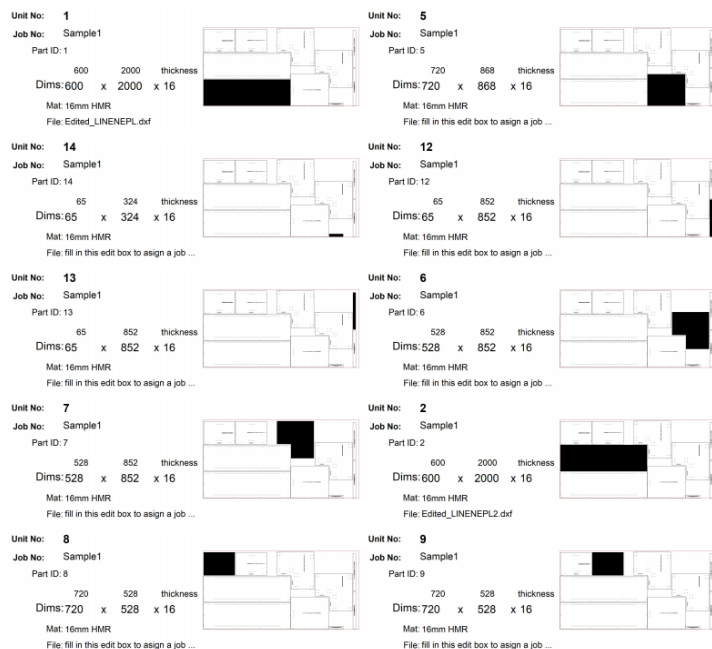
GigaDXF imports a range of layered DXF files from a CAD program, then creates the data to allow batch import and labelling in EnRoute / EzyNest

GigaDXF

GigaDXF is an application that can import a layered DXF from another CAD software package and generate the list file required for Batch importing of jobs with EzyNest / EnRoute Auto ToolPath feature.

Saving a lot of time by automating toolpathing.

PartName	Length	Width	Thickness	Layers	Quantity	AltName	PartID	Material	UnitNumber	Labels
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	27	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	28	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	29	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	30	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	31	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	32	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	33	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	34	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	35	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	36	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	37	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	38	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	39	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	40	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	41	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	42	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	43	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	44	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	45	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	46	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	47	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	48	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	49	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	50	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	51	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	52	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	53	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	54	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	55	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	56	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	57	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	58	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	59	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	60	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	61	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	62	Sample1
Crosshatching drawing 10mm	600	2000	16mm	1	1	Yes	2	16mm HMR	63	Sample1



Labels per Part

Using GigaDXF to create this List file also generates Labelling information per part to allow generic CAD files to have labels produced for detail and tracking of parts in a production environment.

Add your own Fields to Labels

You can also add in your own columns in GigaDXF, such as 'Job Number' that can be in turn used on the label of each part when processed.

For easier flow and checks in Production.

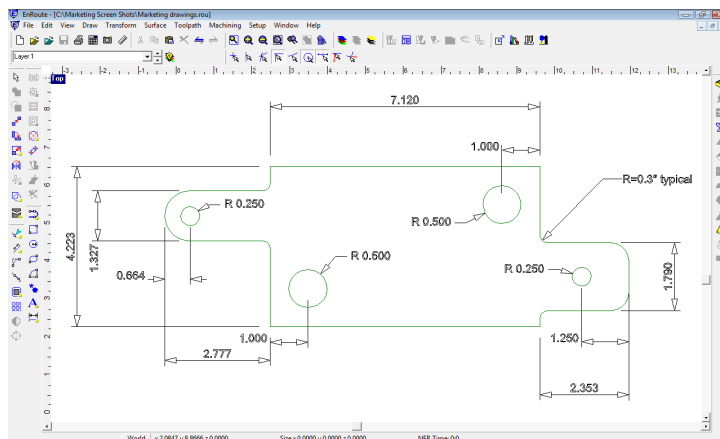
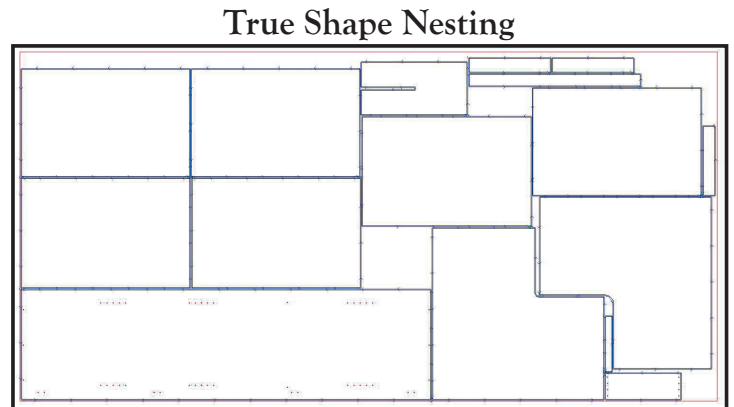
PartID	Material	UnitNumber	QST No.
1	16mm HMR	1	ABC111
2	16mm HMR	2	ABC111
3	16mm HMR	3	ABC111
4	16mm HMR	4	ABC111
5	16mm HMR	5	ABC111
6	16mm HMR	6	ABC111

EzyNest Advance

If you are simply looking for a link between CabMaster and your CNC machine, then EzyNest Advance is what you need.

With true shape nesting and full Automatic Tool Path (ATP) capabilities, you will have all you need to run your exported CabMaster jobs.

EzyNest Advance also has built in labeling functionality to ensure mistake free edging and assembly.



EzyNest Plus

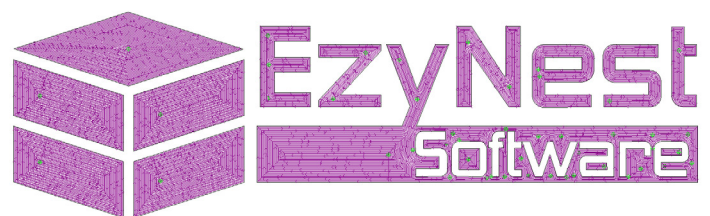
EzyNest Plus is our most popular version for general use.

It incorporates a full suite of CAD tools including automatic cleanup of imported files and true-shape nesting, and adds sophisticated 3D engraving using V-groove tooling. This will allow you to add decorative features like chip carving, sharp inside corners for raised panel effects, and dimensional signage to your product line-up, without the run time needed for full 3D surfacing.

No matter how complex your 2D artwork is, this program will create elegant results in a short period of time.

EzyNest Wood

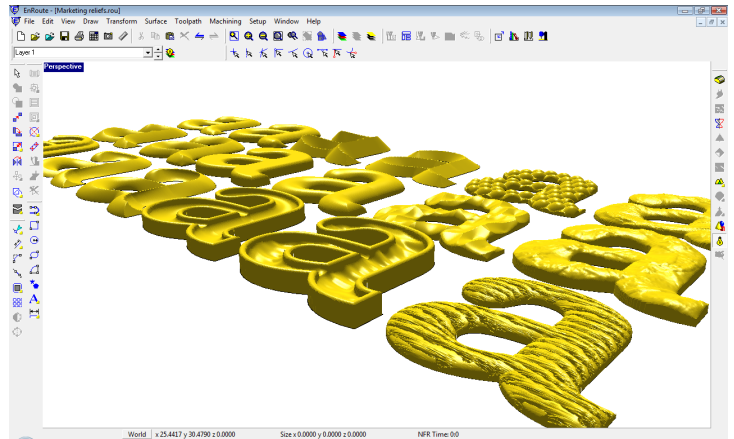
EzyNest Wood combines all features of EzyNest Advance and EzyNest Plus to provide a more diverse package.



EzyNest Wood Pro

EzyNest Wood Pro brings all other versions together in 1 package, including 3D design tools that are unique to the industry. If you've always wanted to add grapevines to your designs, this is the version for you

EzyNest Wood Pro allows you to mix and match 3D, 2D, and bitmap artwork that is either imported or created in the program. These features enable you to design amazing carved effects which you can save, resize or edit without starting over.



With EzyNest Wood Pro the possibilities are endless.

Feature	Advance	Plus	Wood	Pro
• Block Nesting	•	•	•	•
• True Shape Nesting	•	•	•	•
• Move, Scale, Rotate & Copy	•	•	•	•
• 2D Cutting	•	•	•	•
• 3D Entry/Exit	•	•	•	•
• Multiple Tools per Toolpath	2 only	•	•	•
• Multiple Passes with Final Pass	•	•	•	•
• Rendering and Output Simulation	•	•	•	•
• Control Start Point Location	•	•	•	•
• Automatic Tool Path/ATP	•		•	•
• Labelling per Part	•		•	•
• Drawing, Editing & Design Tools		•	•	•
• 3D Engrave, Carving		•	•	•
• Prismatic Lettering, Conic Tool		•	•	•
• Rapid Texture and Picture		•	•	•
• Bitmap Import/Export		•	•	•
• Create & Edit Text		•	•	•
• Offset Contours, Array, Join, Fillet		•	•	•
• 3D Relief Surfacing				•
• 3D Relief Creation and Editing				•
• 3D Parametric Surfacing				•
• Relief Offset for Mold Making				•
• 3D Rendered Simulation				•
• Relief Distortion-Follow a Path				•

Contact CabMaster Software

for a free no-obligation audit of your production process and expert advice on the best design and manufacturing software for your business.

