

# SHAPEMASTER UPDATE V12

## ShapeMaster V12 Features

**Application 12.0.0.91**  
**Library 12.002.1.0**

There are some exciting new features in the new version 12 release. Some of these changes include:

- 64-bit application
- Part Dimensioning
- Direct Part Editing
- Dimensioned Reports
- Polyshape Part added
- Import DXF as Border
- QR Codes on Labels
- Animated folding buttons
- New Materials added
- CNC Config Editor for EzyNest
- New reports
- And more!

### Videos, Updates and New Features Information

The ShapeMaster Team regularly creates new videos for our **YouTube Channel**.

These videos can cover many different areas within our software from creating new buttons to modifying machining on a pipe chase cutout. If you have an area you would like more information on, please send us an email request and we will try to get one created for you.

[www.youtube.com/user/CabMasterSoftware](http://www.youtube.com/user/CabMasterSoftware)

We also have a **Facebook page** to provide you with the most up to date information and news on upcoming videos, software updates and new features. Be sure to follow us.

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ShapeMaster



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## NEW V12 FEATURES

### Performance Enhancements

We have improved the performance of ShapeMaster Software in many areas so the overall feel and use of this new product should be noticeably quicker when pressing F8 etc. We have also reduced the Memory Load for larger drawings.

### New: 64-bit AMSCloud build available

Previous versions of ShapeMaster Software had 32-bit application architecture, which means that it could only use up to 4GB of memory. Version 12 application is now 64-bit architecture and can now use up to 16 billion GB of memory. This gives us an insane amount of memory space and helps stabilize and optimize how ShapeMaster Software runs on your system.

### 64-Bit Application



### New: Machine View now has button to open CNC-Config editor.

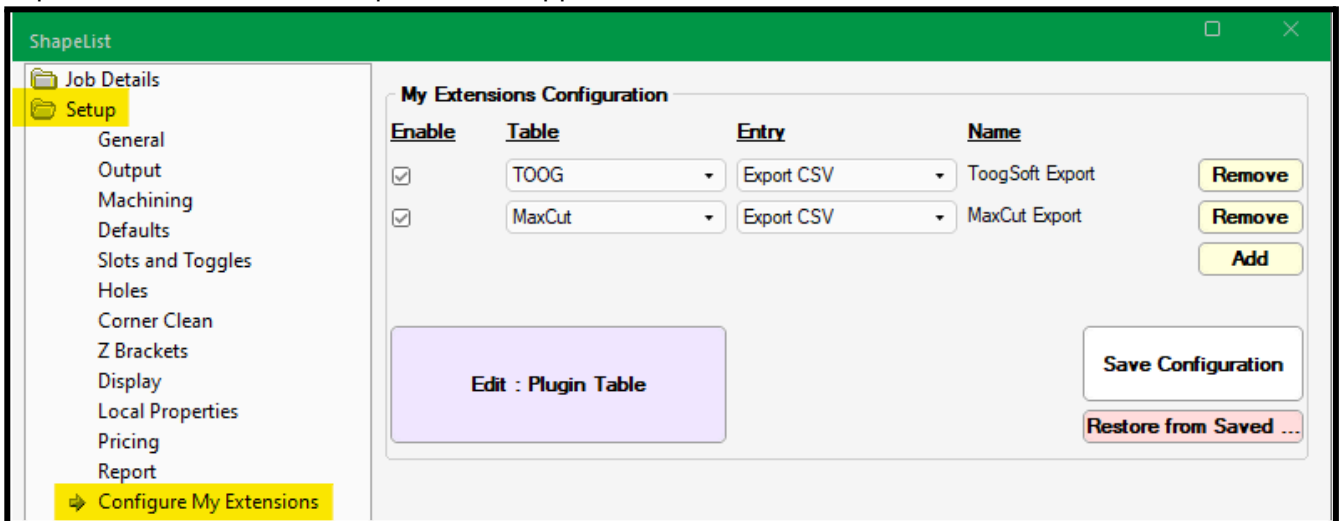
We have written a new add-on that lets you configure EzyNest/EnRoute fully from within ShapeMaster Software. In the Machining tab of ShapeMaster, there is a new button called "Config". This will open our new add-on where you can configure your settings for EzyNest/EnRoute, from the CNC Driver, to Tooling and Layers, and Strategies. You don't have to leave ShapeMaster to configure these anymore.



## Plugins: Ability to use multiple Plugin tables along with a Configuration Manager

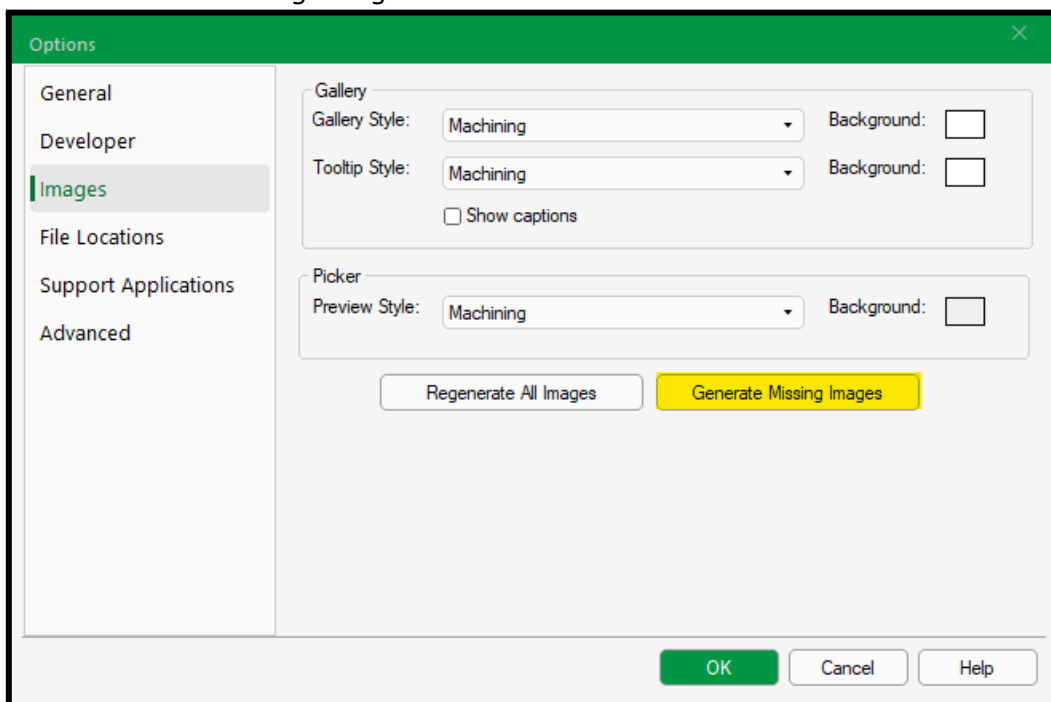
The Setup > Configure My Extensions page allows you to have multiple 'Plugin' tables and to configure the My Extensions > Plug-Ins page by selecting as many entries as required from multiple tables.

A Plugin is an external control that integrates with the ShapeMaster interface, with which the user can interact with, and can be run from the My Extensions > Plug-Ins page at Drawing level. PlugIn tables can be packaged and be downloaded, however, the setup of these tables may require assistance from ShapeMaster Support.



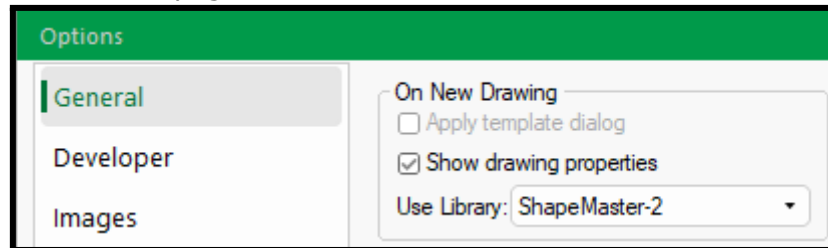
## New: button for generating only missing images

You can now generate only the missing images for your palette when adding new shapes to your catalog. This makes it much faster to get back into production. Just go to File / Options / Images and press the "Generate Missing Images" button.



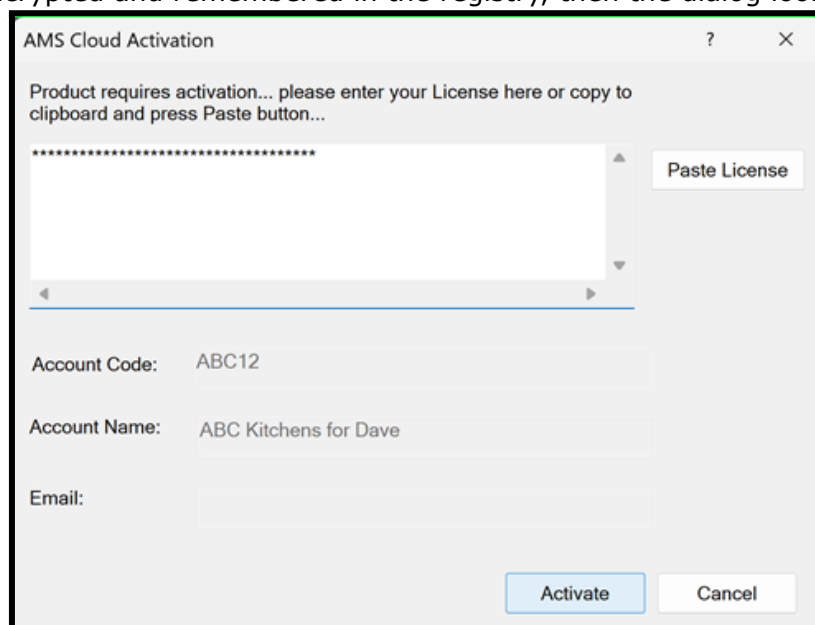
## ***New: Add LibraryForce setting to general options page***

We have added the option to select the default library when starting ShapeMaster Software by default. This will ensure the correct library is loaded on each startup. This option can be found under File / Options / General page.



## ***New: Masking the previously used activation code for cloud2***

In the latest version, it no longer displays the previously used activation code for cloud2 acquires. If you have one encrypted and remembered in the registry, then the dialog looks like this:



## ***New: Drawings get Compressed on Save***

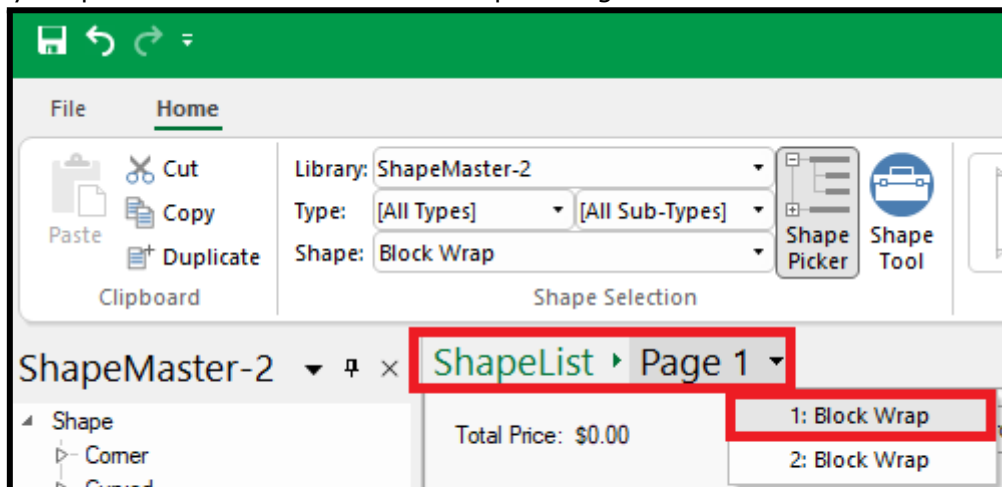
All drawings now automatically get compressed when saving. This reduces the size of drawings saved on your computer, therefore allowing for more drawings to be saved and reducing required size of total backups.

## ***New: ShapeMaster now includes Part dimensioning and detailing.***

We have included dimensioning and detailing via the new breadcrumb bar in ShapeMaster V12.

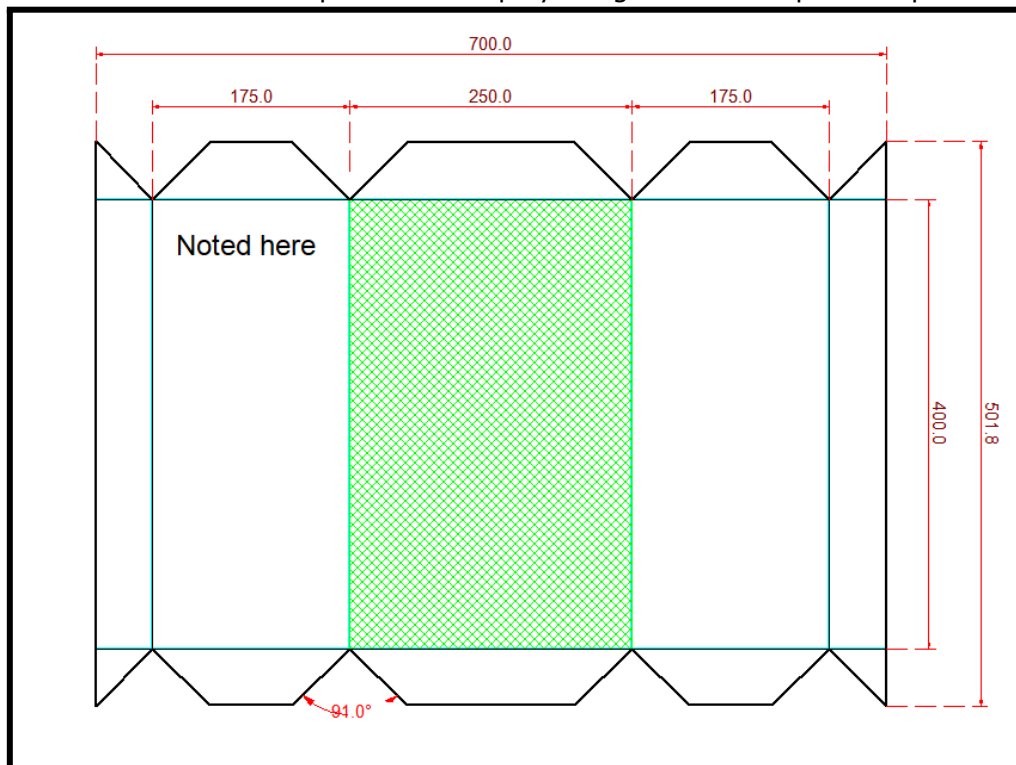
Firstly, add your part to the list (press F12)

Then select your part in the breadcrumb bar as per image below.



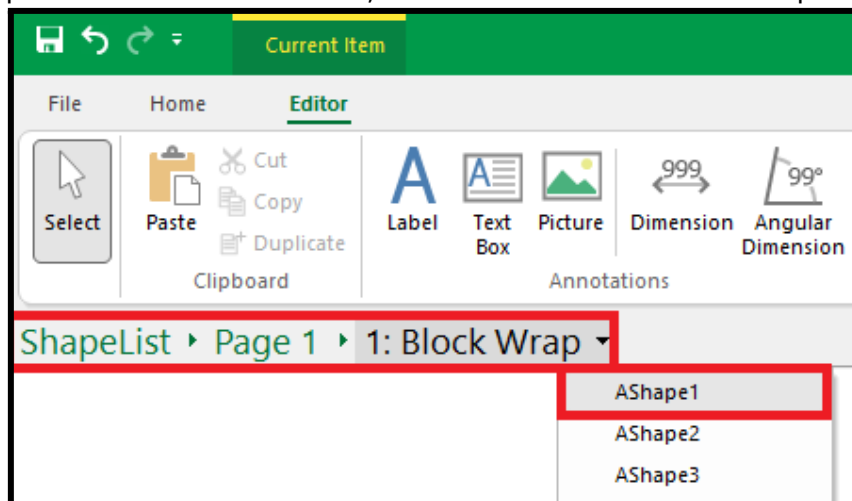
Then you can add dimensions (horizontal, vertical and angular) to the part, as well as text labels and text boxes to the current part.

These details will be included in reports that display images. E.G. ShapeList reports.

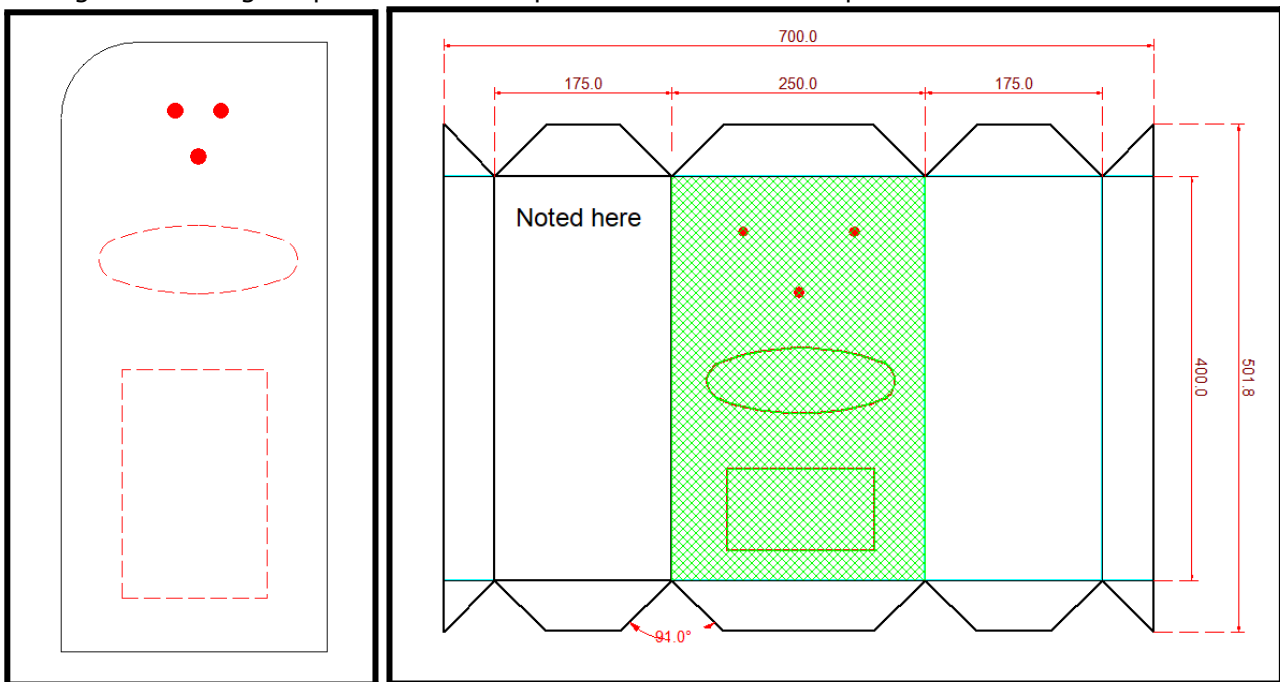


## ***New: ShapeMaster V12 now includes direct Part Editing.***

We have included a machine editor via the new breadcrumb bar in ShapeMaster V12. Firstly, add your part to the list (press F12) Then select your part in the breadcrumb bar, then select the section of that part.



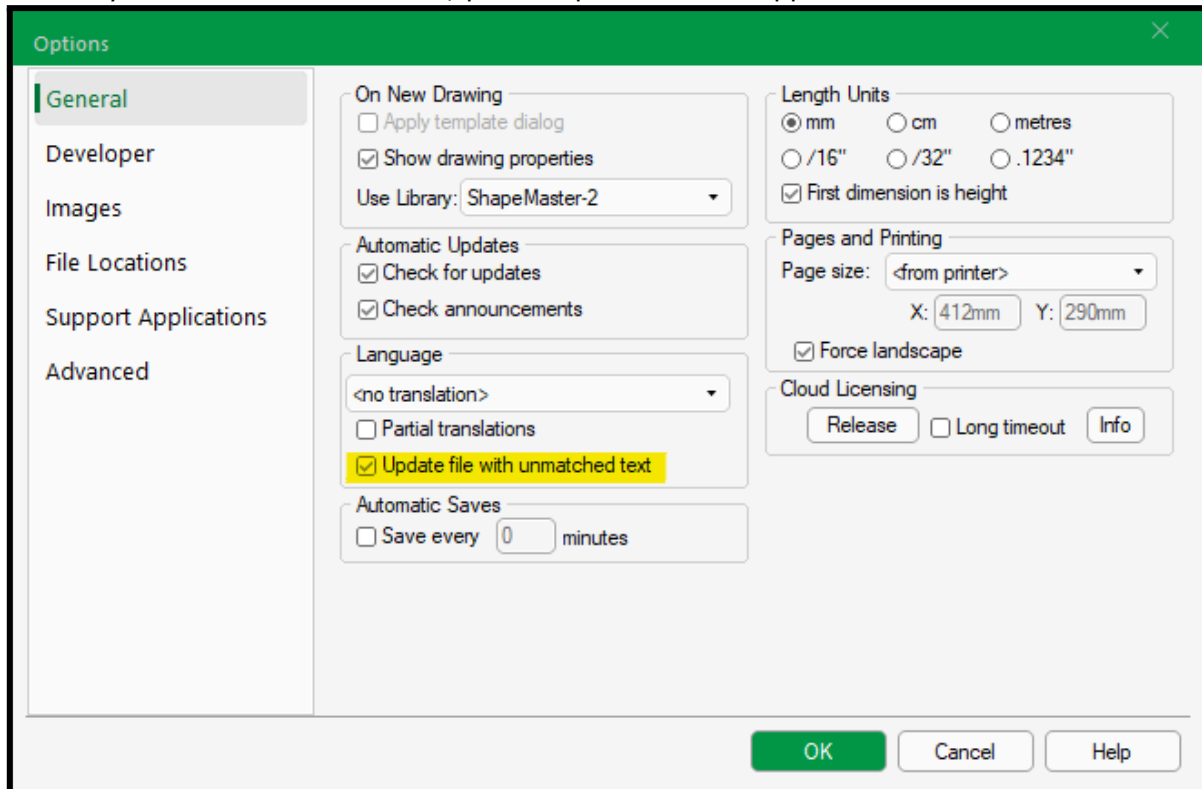
Press the Unlock button, then you can edit the machining of this section of the part directly. You can curve edges, add a rectangle, circle, drill hole or gang of drill holes and more. As well as editing the existing shape. This is done per section of each shape.



## ***New: checkbox for updating translations files***

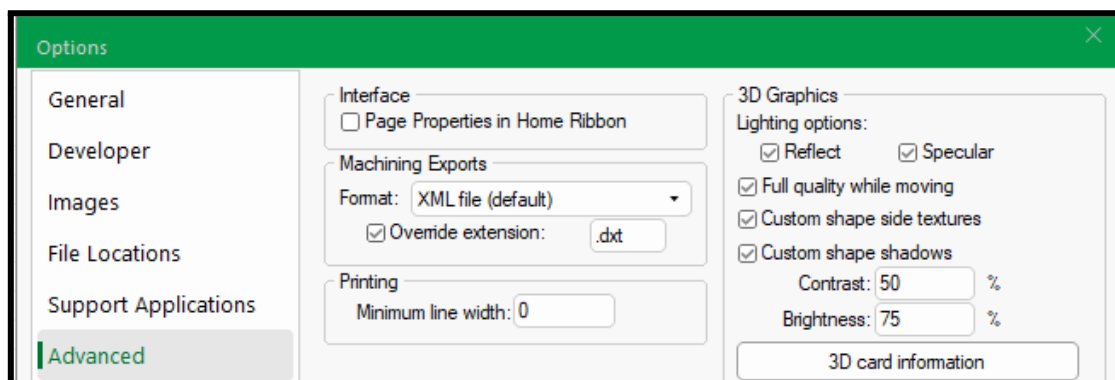
You can now enable "Update file with unmatched text" for translations. This updates the translation file with any new pages or text that haven't previously been used.

This can be found under File / Options or (F10). Translations are a fantastic way to personalize the terminology within ShapeMaster Software. You can literally change any word to something different. If you're not familiar with it, please speak to our Support Team.



## ***New: ShapeMaster Advanced Options added.***

Under File / Options, there are 2 new pages called "Support Applications" and "Advanced". The Support Applications page lets you select the EzyNest/EnRoute version you are running, where the Advanced page lets you select things like printing line thickness and export format etc.

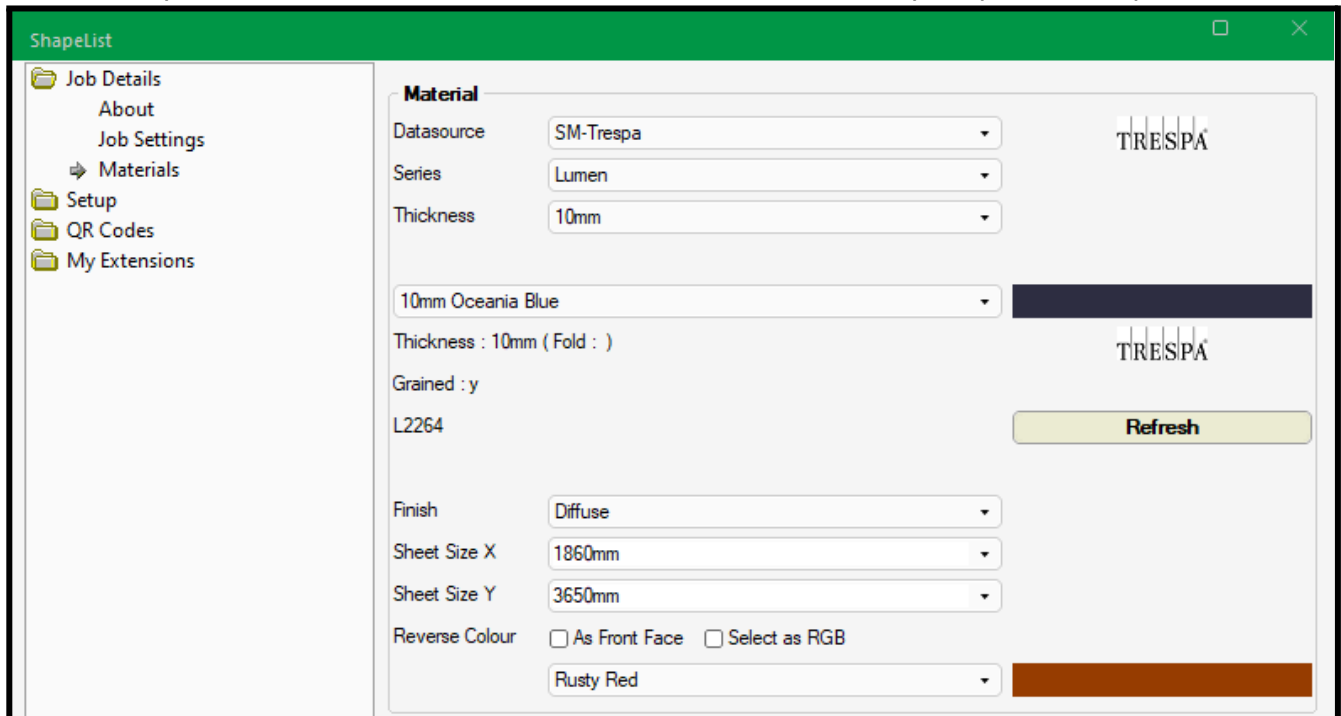


## ***New: Additional Materials added.***

We have now included the materials of Alcotex, Trespa and Alucoil for your use. These materials can all be selected from the Job Details / Materials page.

## New: Materials 2nd face added.

We have also added the ability to specify the 2nd face color of Trespa materials. This will let you have different colors from the front to back face of your parts as required.

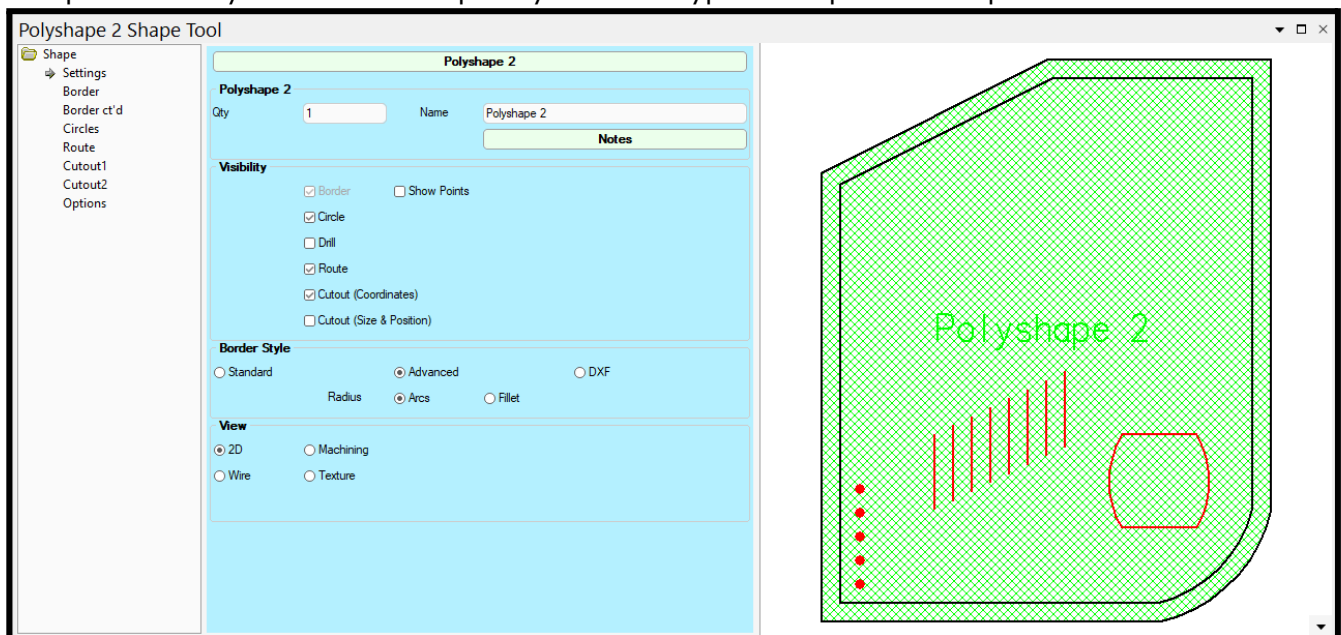


## New: Polyshape Part.

We have added a new part called Polyshape.

This part lets you create an asymmetric border, or import a DXF as a border, add in slots, holes, routes and cutouts as required.

This part will let you create a completely different type of shape with ShapeMaster.

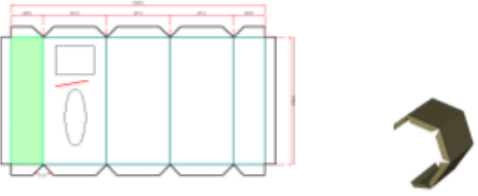
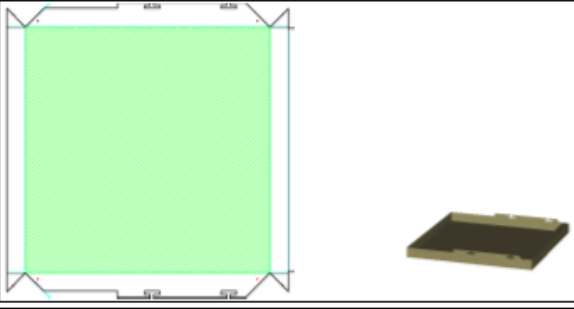


## New: Play button added to all folding parts.

We have an automatic "play" button that slowly folds the part from flat to completely folded and back again as an animated option. These buttons are found next to the 2d / 3D buttons.

## New: Reports updated

We have updated the reports to work in imperial correctly. Added options to include or not include images for ShaepList 1 and 2 column reports. Reports also show dimensions and part edits.

<b>Name</b>	<b>Block Wrap 5 Piece</b>		
<b>Width x Length</b>	1981 3 / 16mm x 1066 51 / 64mm		
<b>Part ID</b>	1		
<b>Quantity</b>	1		
<b>Material</b>	3mm Gold Metallic		
<b>Thickness</b>	3mm		
<b>Comment</b>			
<b>Name</b>	<b>Rectangle Blank</b>		
<b>Width x Length</b>	1310mm x 593 25 / 64mm		
<b>Part ID</b>	4		
<b>Quantity</b>	1		
<b>Material</b>	3mm Gold Metallic		
<b>Thickness</b>	3mm		
<b>Comment</b>			

## New: QR Codes on Labels

You can create a custom layout for QR Codes on your part labels. You can also select an image to display on your labels.

ShapeMasterAdd

- Job Details
- Setup
- QR Codes
  - QR Format
  - Label Images
- My Extensions

**QR Code**

Text  Custom

Default:

**Custom**

▼

Job Number

▼

Shape Name

▼

Part Id

▼

<null>

▼

<null>

▼

<null>

▼

<null>

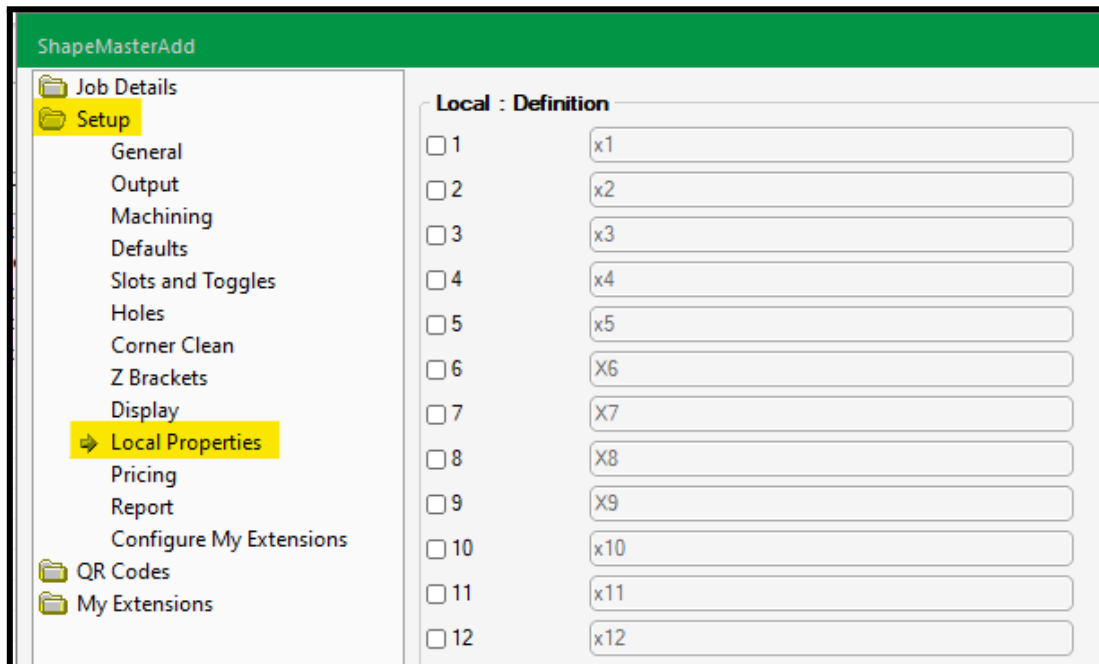
▼

Units (Dimensions)

**Sample:** Job1\_Rectangle\_020304

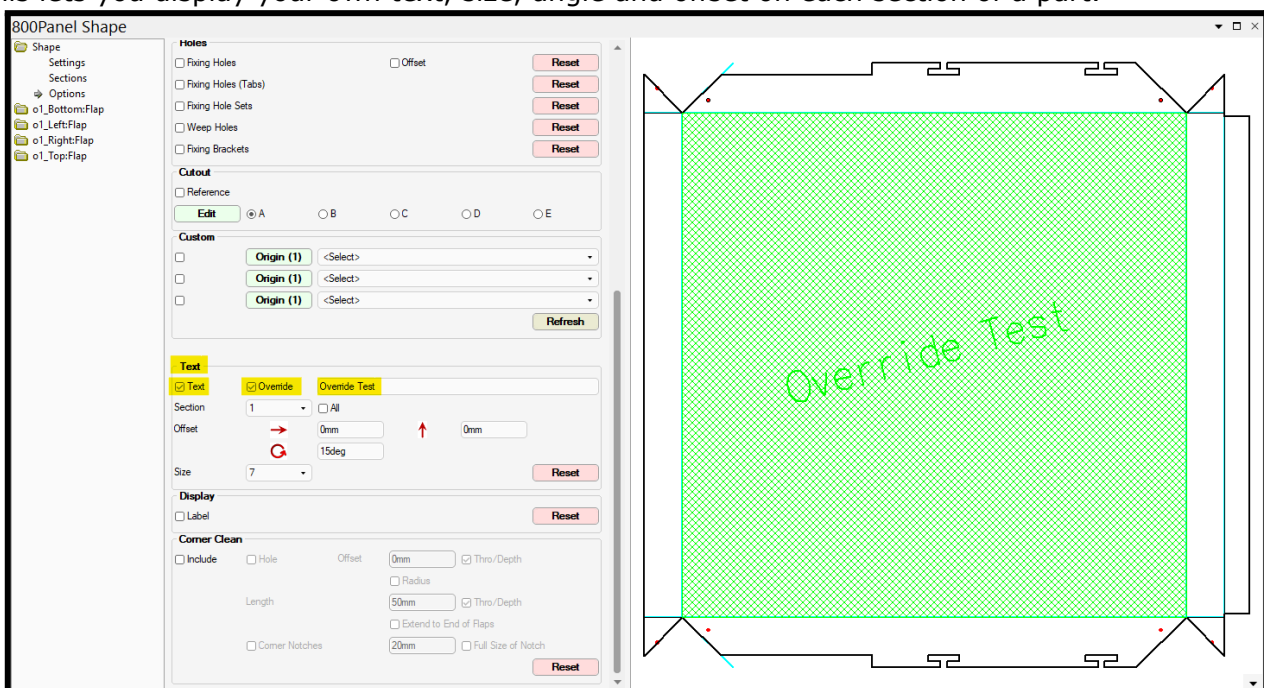
## New: Local Properties - blank variables.

We have added 25 'blank' variables that can get used with custom tables. This lets you write your own parametric machining table that can have a local property assigned so you can specify a value such as a dimension or quantity or offset from within the drawing properties or at part level.



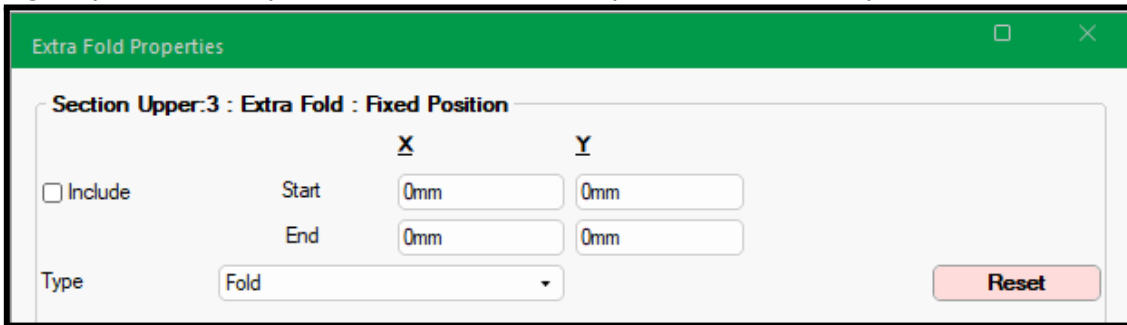
## New: Override Text display

You can now override the part name with your own text, whilst still keeping the part name. This lets you display your own text, size, angle and offset on each section of a part.



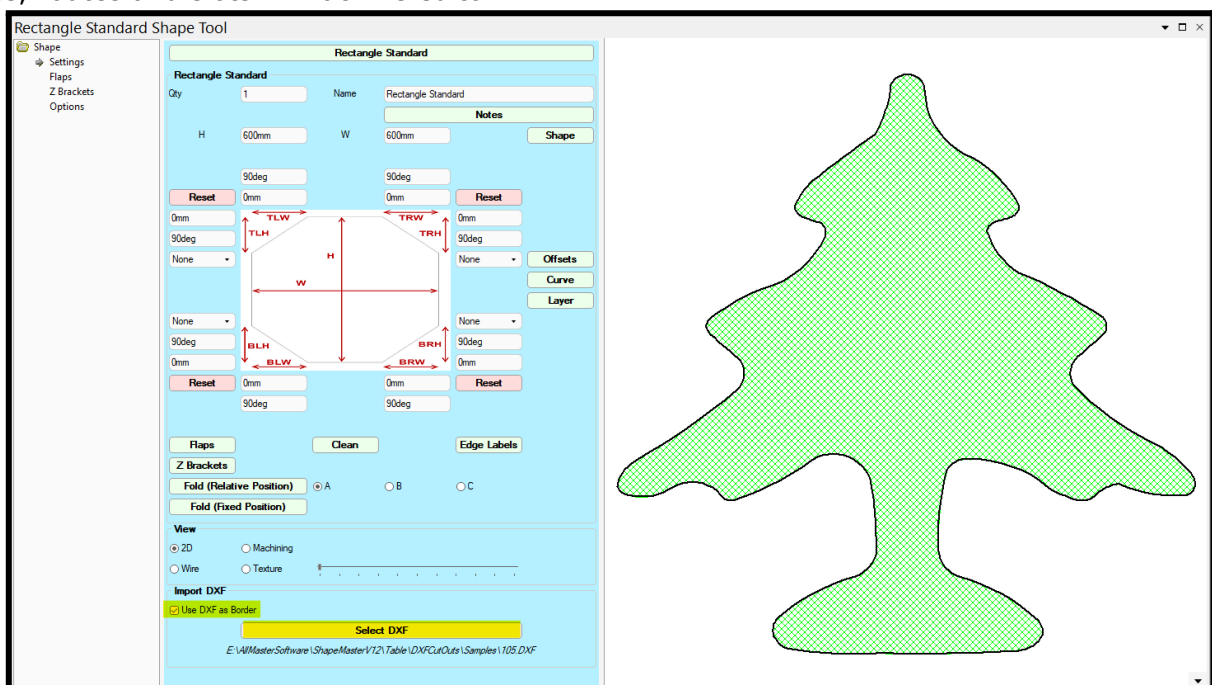
## New: Add fold lines - fixed positions

We have added the ability to include manual fold lines at a fixed position per shape. This will give you the ability to add a line from start point X & Y to end point X & Y on each part.



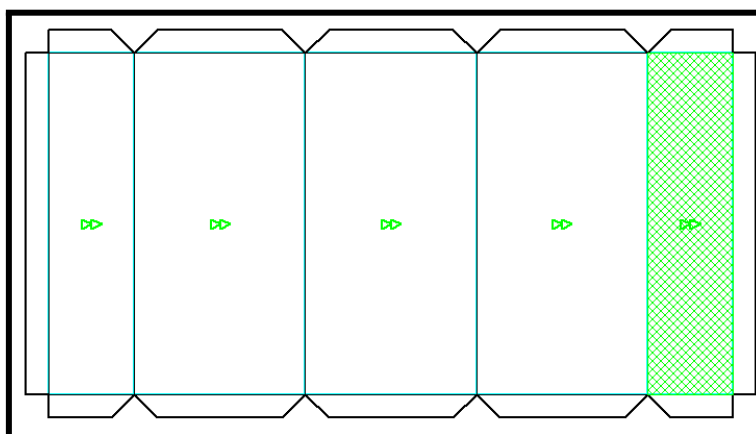
## New: Import DXF as Border for Rectangle and Rectangle Multi.

You can now import a 2D DXF file as your border for the Rectangle and Rectangle Multi parts. This lets you import any shape, but you can't always add flats to the parts. But you can add holes, routes and slots in machine editor.



## New: Grain arrow indicators.

You can now control the size of the grain arrows, so they don't get too large and overtake your part images.



## New: Specify corner angle or length.

You can specify the angle of a corner cutout instead of just a length as in previous versions. This will give you more accuracy when designing parts in the future. In the example below, we have an angle at 25deg over 100mm.

