



# SRP Player Pro

Advanced Easy To Use Software



# SRP Player Pro

- Roland SRP Player Pro is ideal for all rapid prototyping and custom rapid manufacturing applications. The CAM software simplifies the production process and generates tool paths that turn out parts with smooth surfaces and accurate, fit-tight precision.
- It's ideal for those that are ready to graduate from SRP Player.
- List Price: \$4,500
- Can be used with MDX-540, MDX-500/650, MDX-40, a



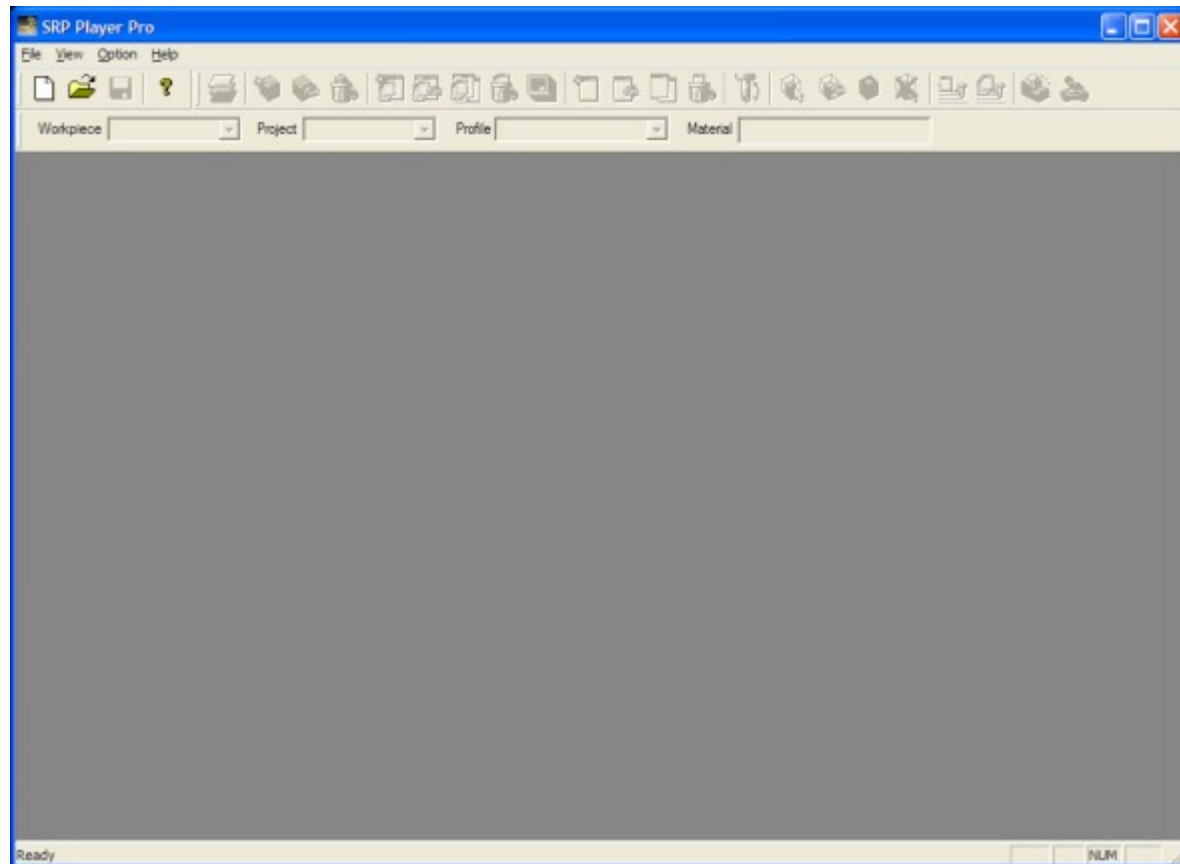
# SRP Player Pro

- How does it compare to SRP Player?

	SRP Player	SRP Player Pro
Works with surface data		X
Works with polygon data	X	X
Polygon smoothing		X
Easy to use	X	X
4-Sided 4th axis milling	X	X
Continuous 4th axis milling	X	
Optimized tool recommendations	X	X
Simple part supports	X	
Advanced part support capabilities		X
Excellent part surface finish		X
G-Code output		X
Intelligent tool approach		X
Low tool load feature		X
Advanced parameter controls		X
Ability to mill specific sections such as circle, polygon, or freehand drawn area		X
Ability to re-machine uncut areas left by larger tools		X
Ability to process tool paths using CAM server freeing own computer resources		X

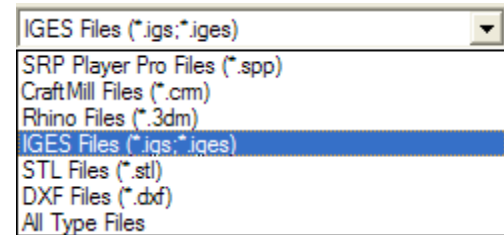
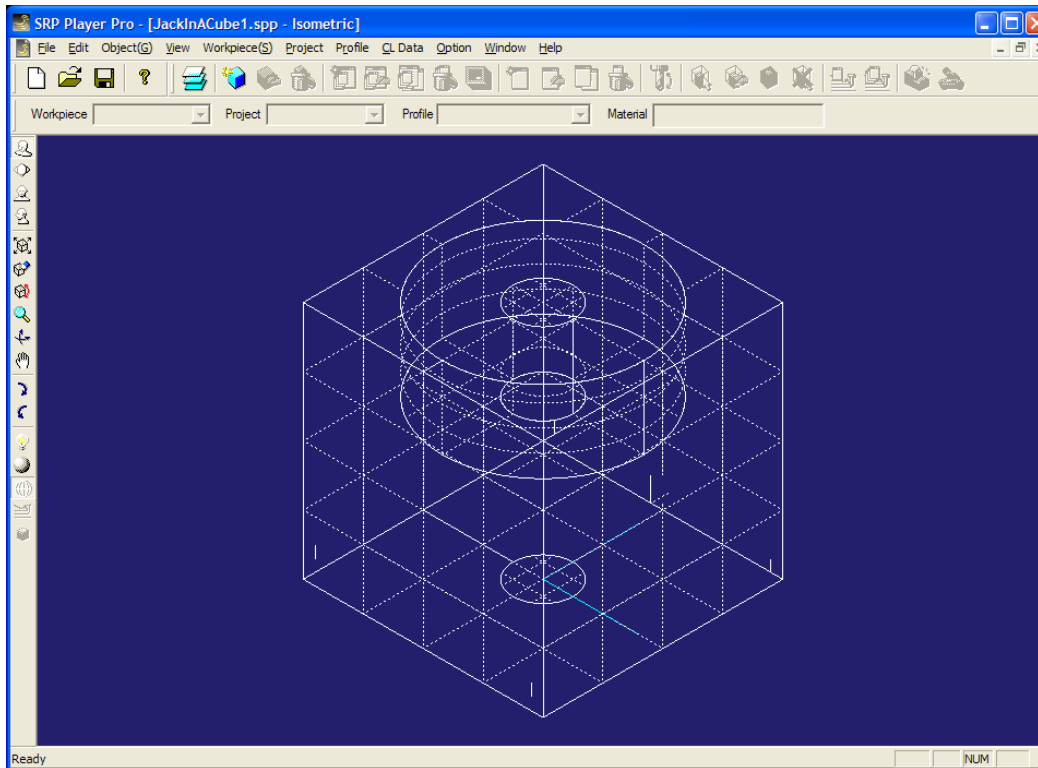
# SRP Player Pro

- Contains simple interface and workflow.



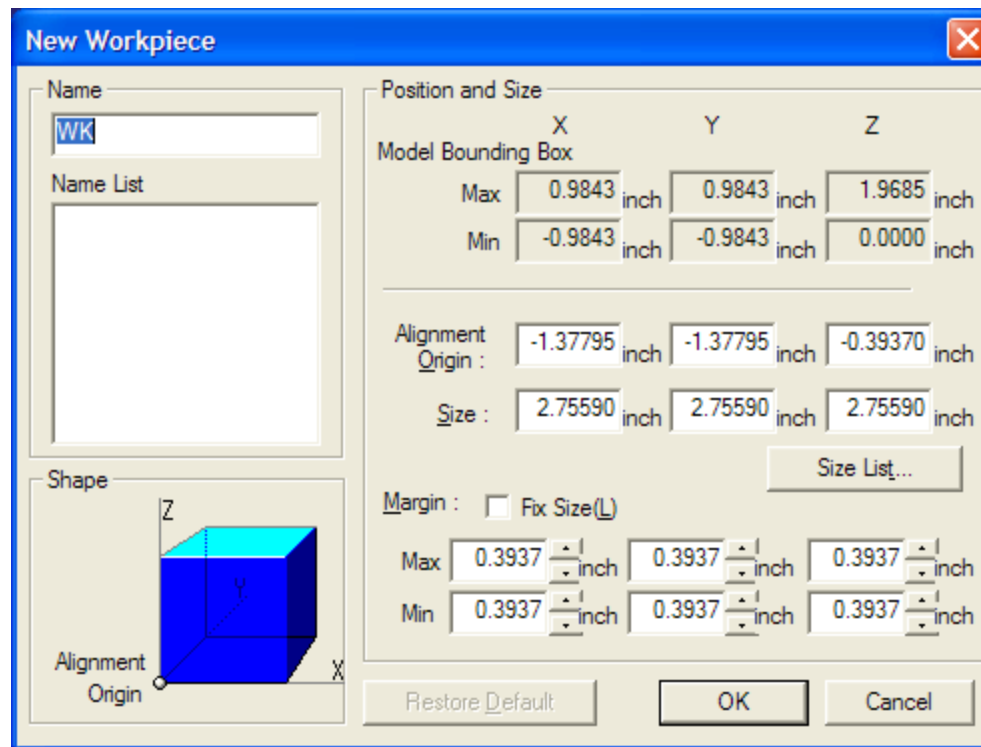
# SRP Player Pro

- Works best with surface data.
- Step 1: Import file.



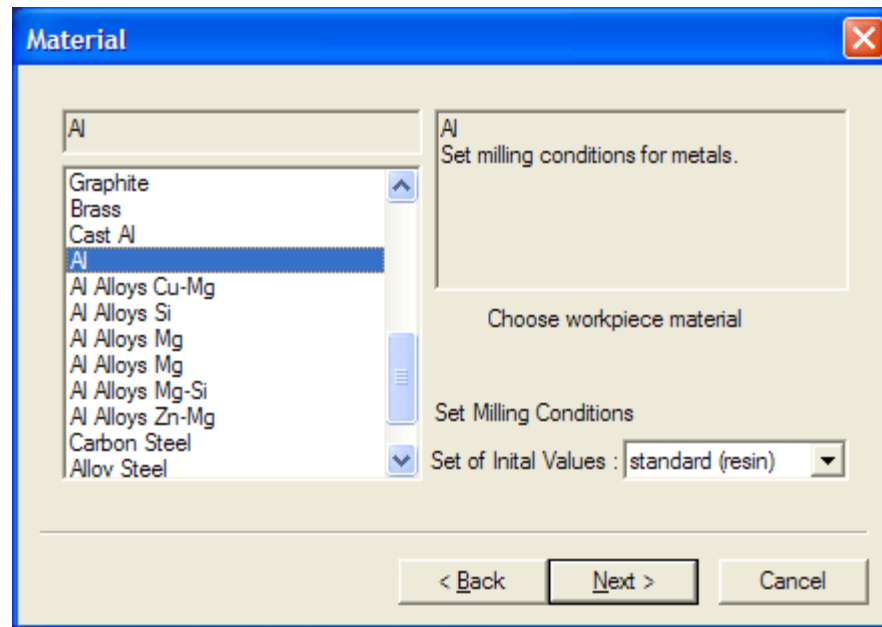
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- Step 2: Select material size.



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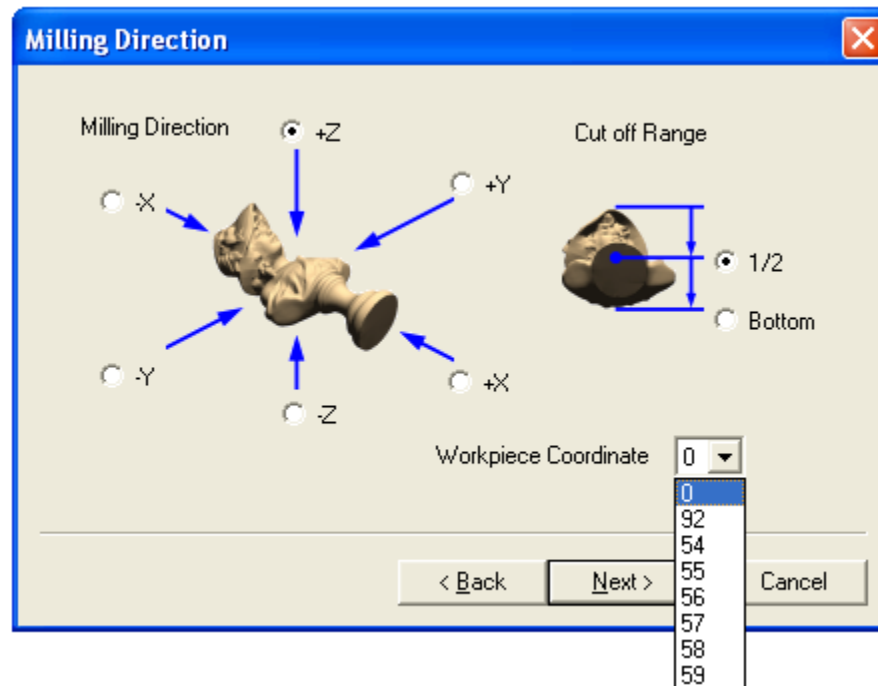
- Step 3: Select material type.





# SRP Player Pro

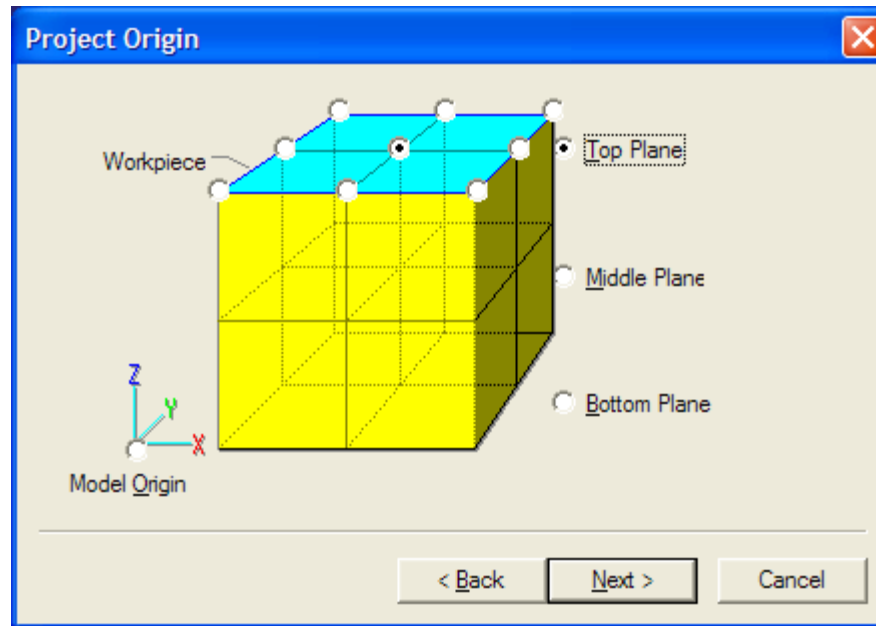
- Step 4: Select how you want to cut it.





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- Step 5: Specify origin.



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- Step 6: Select processes to generate.

**Profiles**

Roughing (Z-level)

Finishing (Z-level)

Finishing (Scanning-Line)

If you need more Profiles, you can create them later.

Generate Walls around workpiec

Thickness : 0.0393 inch

Taper

Angle : 0.000 deg.

Wall Thickness must be 0.03937inch

< Back    Next >    Cancel

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- Step 7: Select tools for roughing and finishing.

**Roughing Tool**

Tools

Dia.	Rad.	Tool Name	Tool Type	Manufacture
0.2500	0.1250	1/4" Ball	Ball	None
0.0312	0.0000	1/32"	Square	
0.0625	0.0000	1/16"		
0.1250	0.0000	1/8" Square		
0.2500	0.0000	1/4" Square		

Selected Tool

0.2500	0.0000	1/4" Square	Square	None
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Prior History Value      Tool list : All

inch      < Back      Next >      Cancel

**Finishing Tool**

Tools

Dia.	Rad.	Tool Name	Tool Type	Manufacture
0.2500	0.1250	1/4" Ball	Ball	None
0.0312	0.0000	1/32"	Square	
0.0625	0.0000	1/16"		
0.1250	0.0000	1/8" Square		
0.2500	0.0000	1/4" Square		

Selected Tool

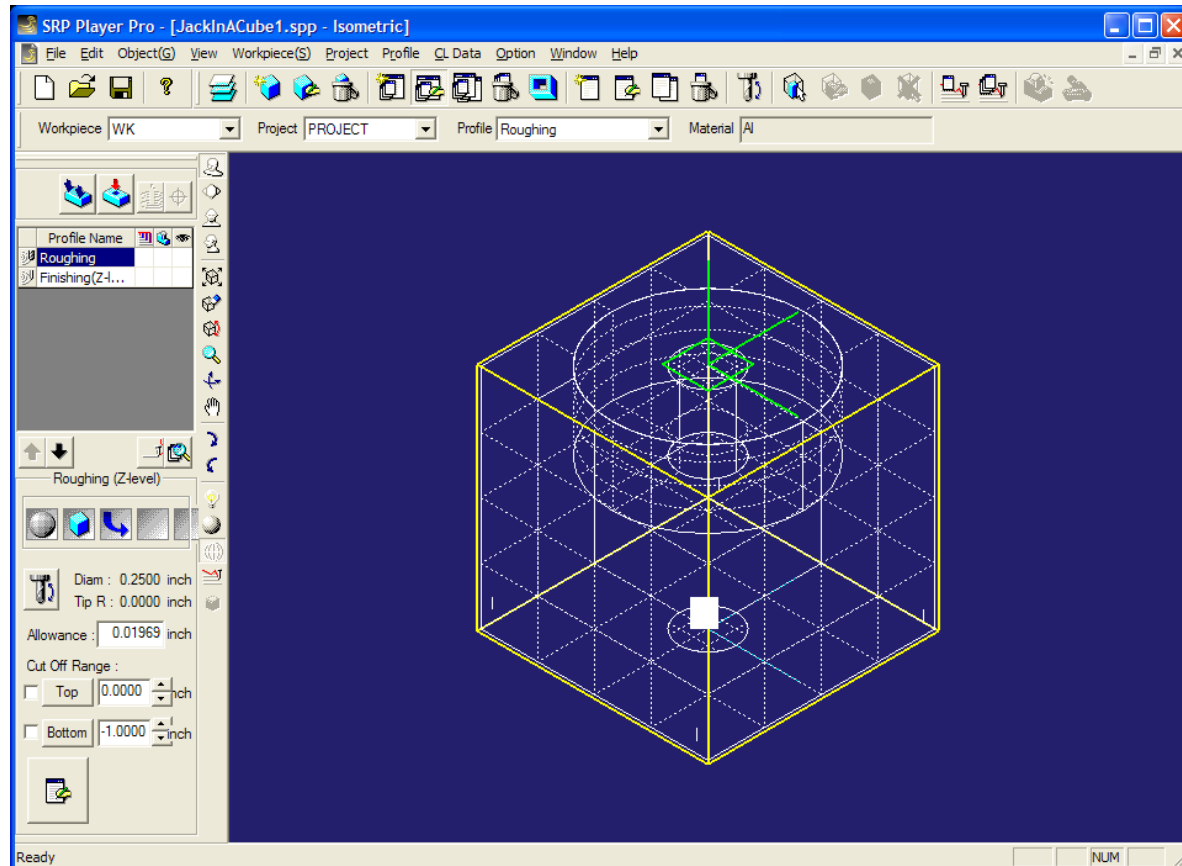
0.2500	0.0000	1/4" Square	Square	None
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Prior History Value      Tool list : All

inch      < Back      Next >      Cancel

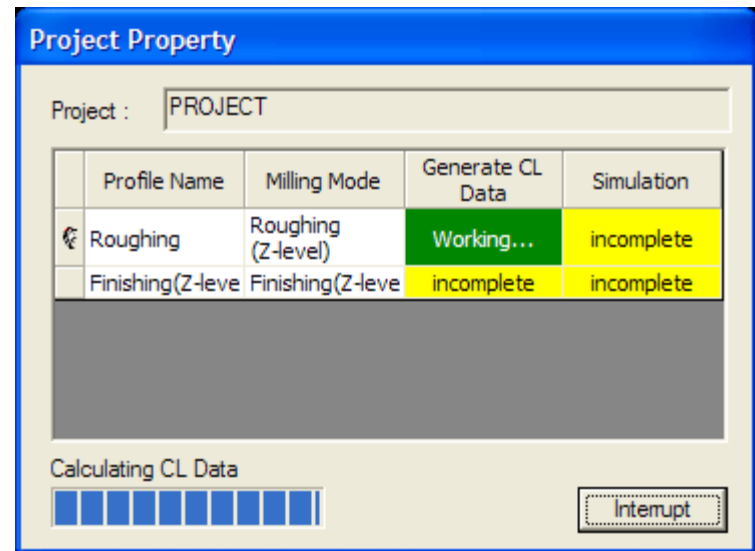
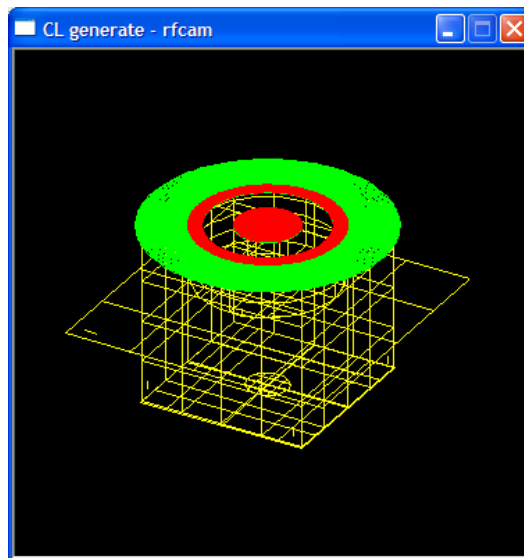
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- Completed program.



# SRP Player Pro

- Step 8: Click on generate tool paths to process data.
- It does generate tool paths quicker than SRP Player.



# SRP Player Pro

- Step 9: Send program to machine or output file to send later.

**Output NC Data**

Destination

Output Folder : C:\Documents and Settings\PGonzalez.ROLAND\Desktop

Open Folder After Outputting NC Data

Output Settings

Output each profile individually  
 Merge Profiles that have the same tool no.  
 Merge all Profiles

File Name

Prefix : SRP\_Pr Digits of Num : 1  
Extension : rml

Cooling : None  Program No.

Document : C:\Documents and Settings\PG Workpiece WK Project : PROJECT

Profiles :

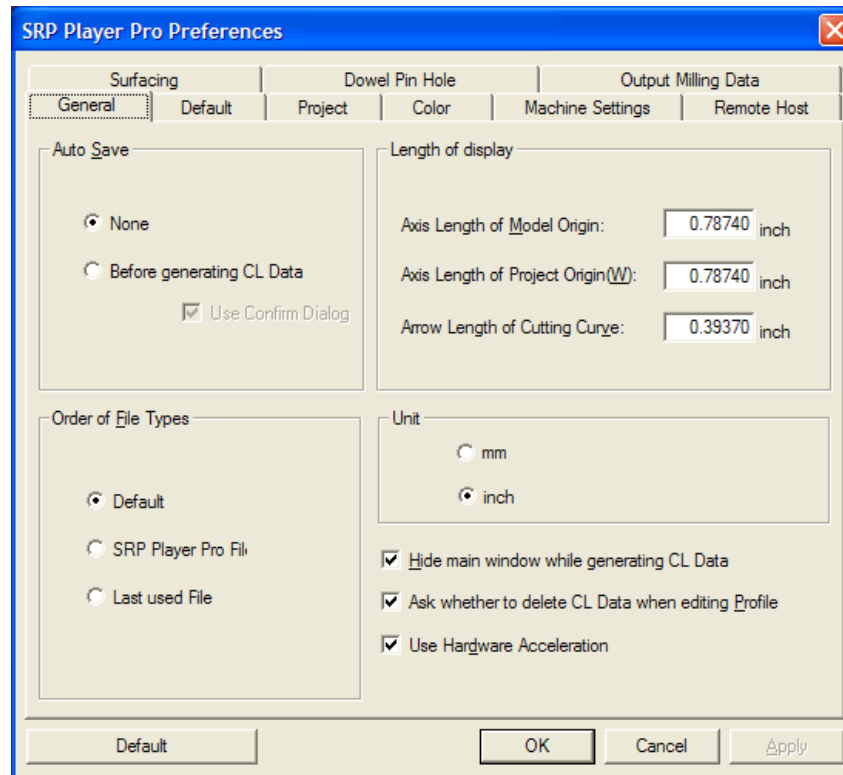
	Profile	File	Tool Name	Dia.	Rad.	T
<input checked="" type="checkbox"/>	Roughing		1/4" Square	0.2500	0.0000	1
<input checked="" type="checkbox"/>	Finishing(Z-level)	SRP_Pro1.rml	1/4" Square	0.2500	0.0000	1

Tool Set   Disable Tool Set(U)

inch

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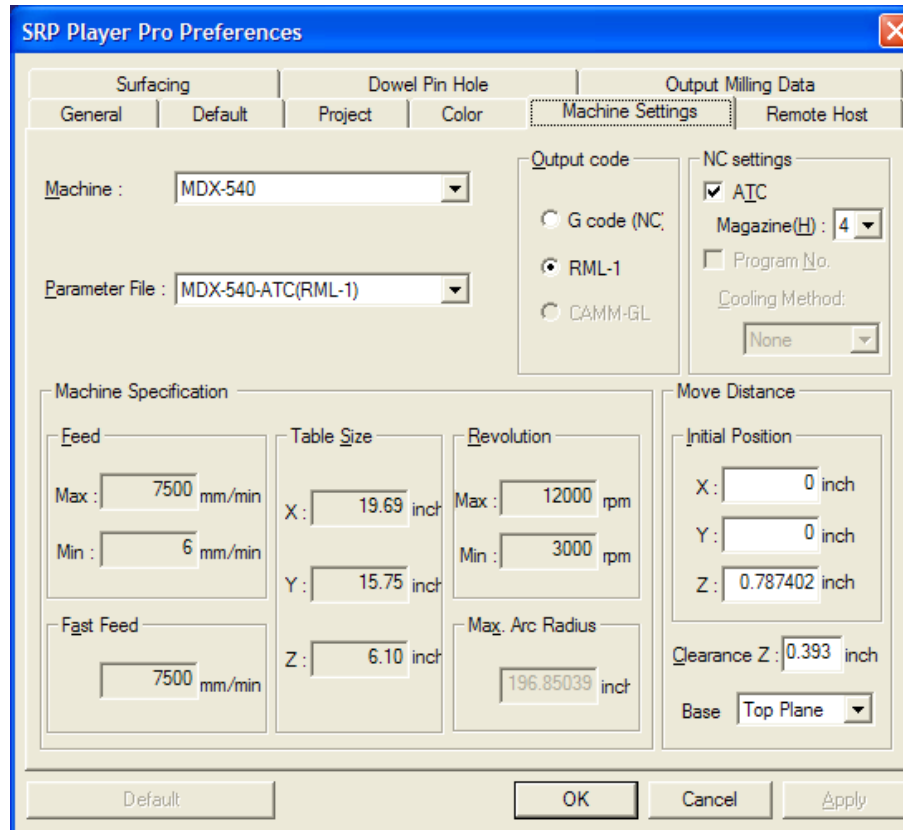
- Software can be relatively easy to use and does have more options available.





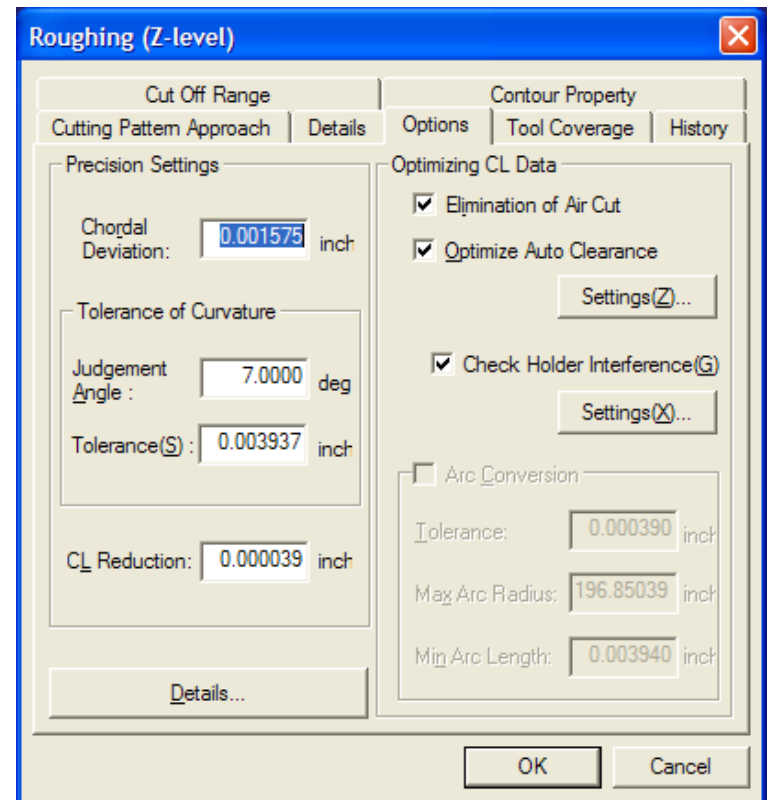
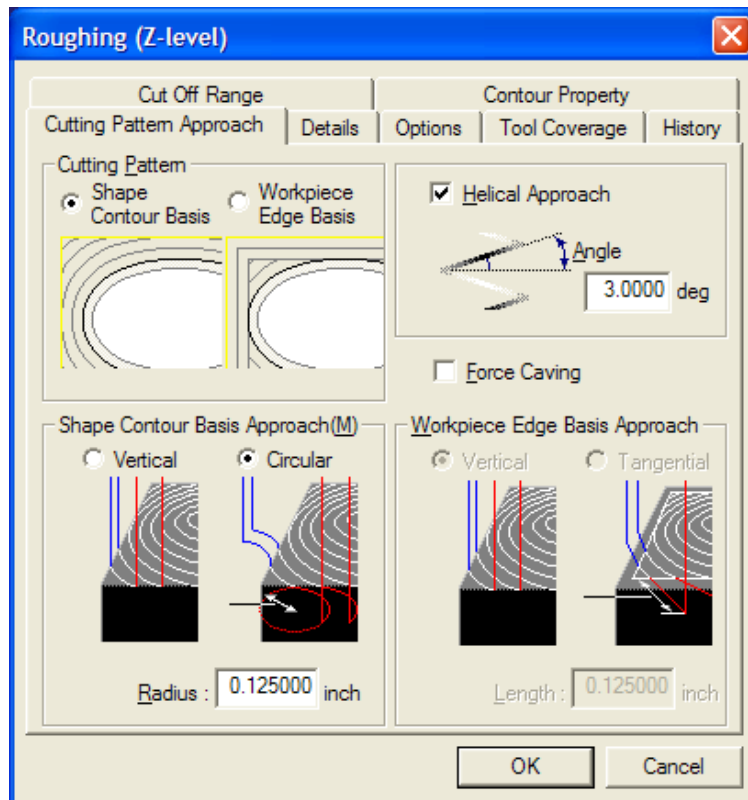
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- Software can output in G-Code for the MDX-540.



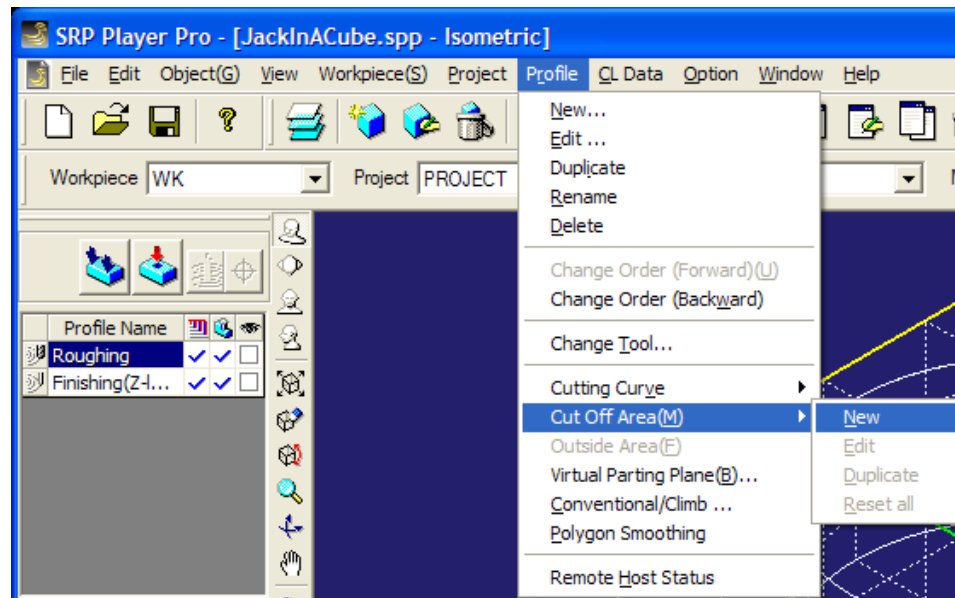
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- Has many cutting options.



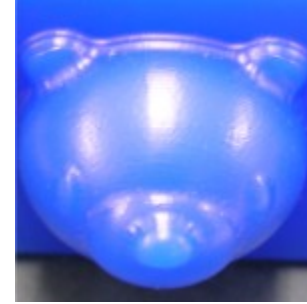
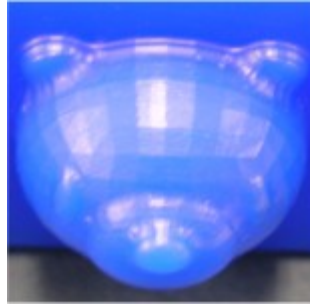
# SRP Player Pro

- Has the ability to use specific cutting area.
  - Cutting area can either be sketched or imported from CAD software.

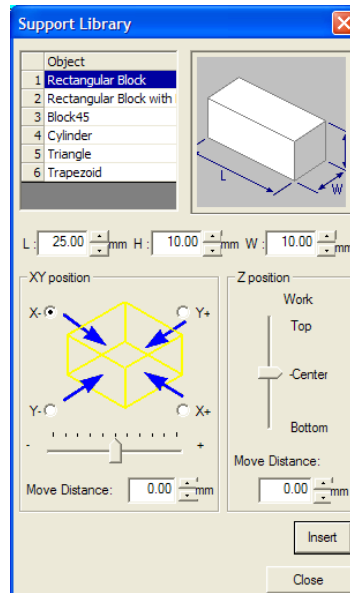


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- Better surface finish than polygon data.

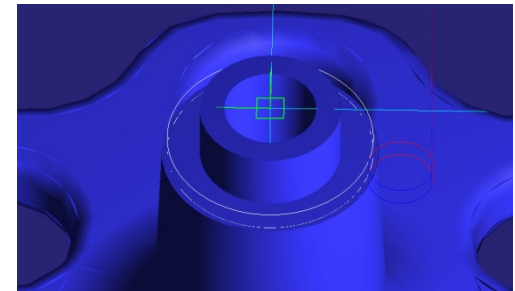
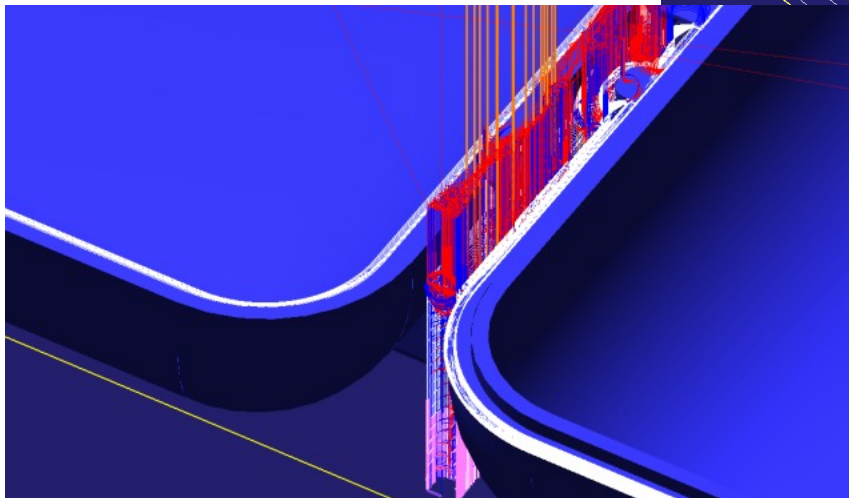
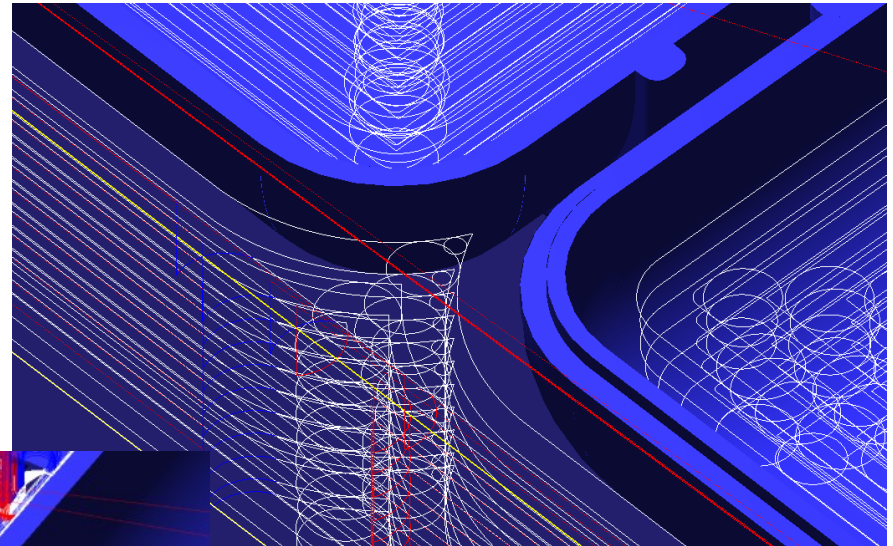
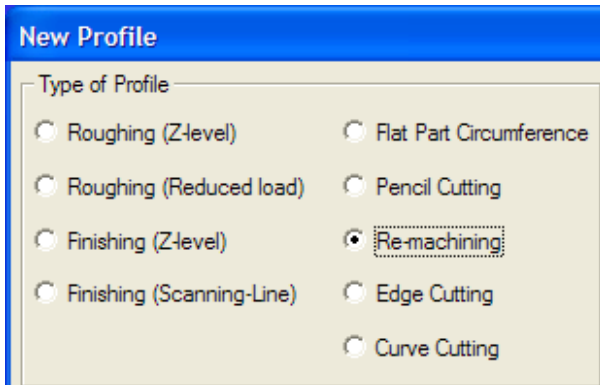


- Support Library for adding supports



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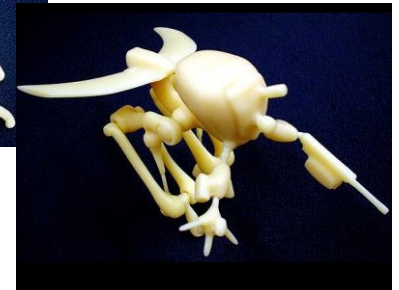
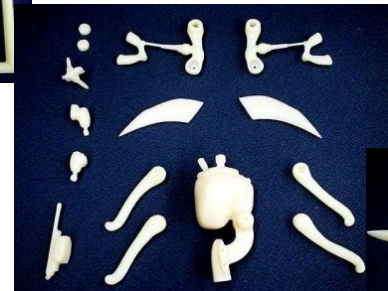
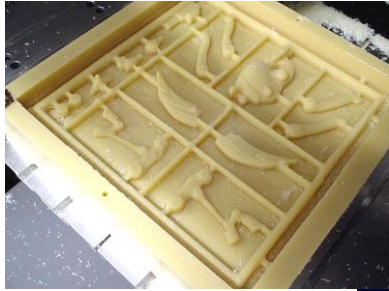
- Additional machining methods available.





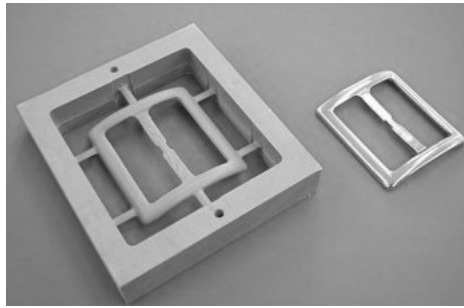
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- Sample output.



# SRP Player Pro

- Sample output.





# SRP Player Pro

- Tutorial available on R-Net and R-Net Pro.
  - [http://www.rolanddga.com/rnet30/files/employee/srp\\_player\\_pro\\_tutorial.pdf](http://www.rolanddga.com/rnet30/files/employee/srp_player_pro_tutorial.pdf)

