



**Advanced Easy To Use Software** 



- 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,









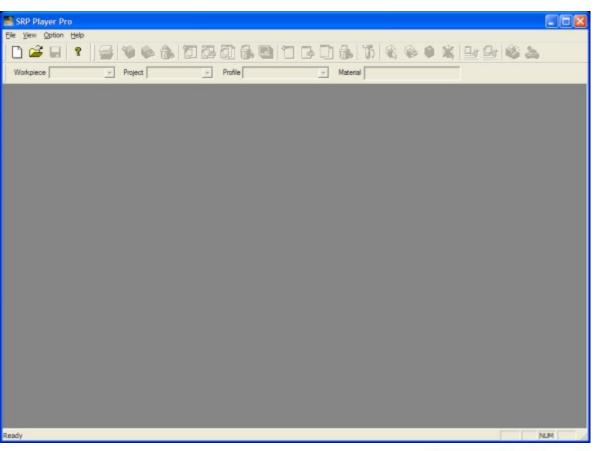
How does it compare to SRP Player?

	SRP Player	PFaRyer Pro
Works with surface data		Χ
Works with polygon data	Χ	Х
Polygon smoothing		Χ
Easy to use	Χ	Χ
4-Sided 4th axis milling	Χ	Χ
Mandinupleed thatex is milling	Χ	
recommendations	Χ	Χ
Simple part supports	Χ	
Advanced part support capabilities		Χ
Excellent part surface finish		Χ
G-Code output		Χ
Intelligent tool approach		Χ
Low tool load feature		Х
Advito General Sections such as circle, polygon, or freehand		X
drawn area		Х
Ability to re-machine uncut areas  Assily to proceed tool paths using CAM server freeing own computer		Х
resources		X



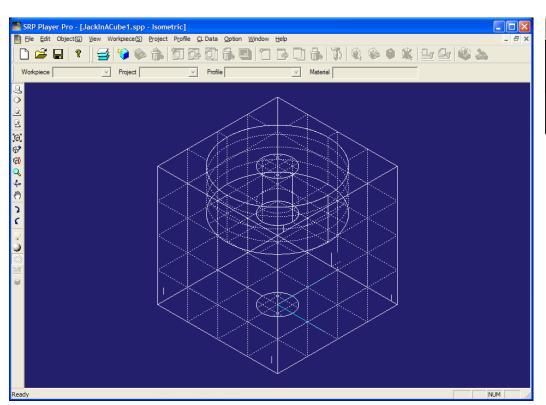


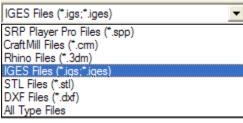
 Contains simple interface and workflow.





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

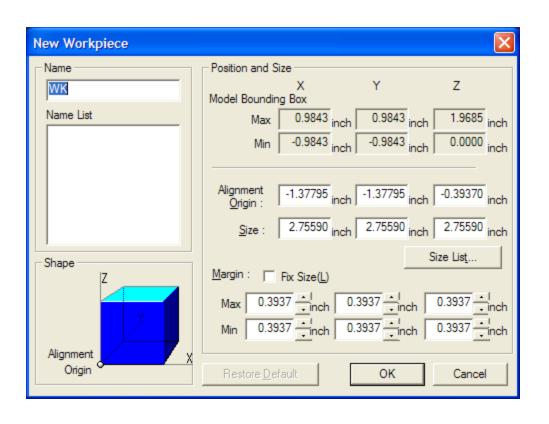








Step 2: Select material size.







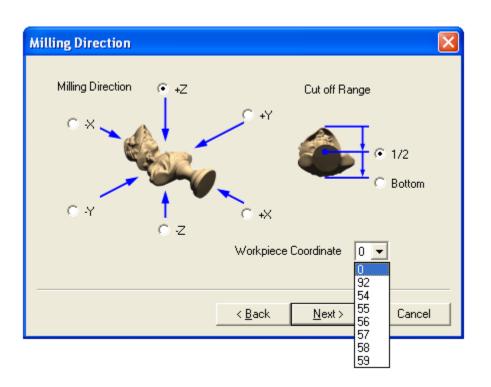
Step 3: Select material type.

Material	×
Al Graphite Brass Cast Al	Al Set milling conditions for metals.
Al Alloys Cu-Mg Al Alloys Si Al Alloys Mg Al Alloys Mg Al Alloys Mg-Si Al Alloys Zn-Mg Carbon Steel Alloy Steel	Choose workpiece material  Set Milling Conditions  Set of Inital Values : standard (resin)
	< <u>B</u> ack <u>N</u> ext > Cancel





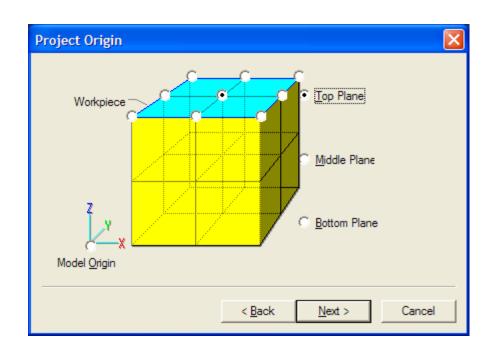
Step 4: Select how you want to cut it.







Step 5: Specify origin.







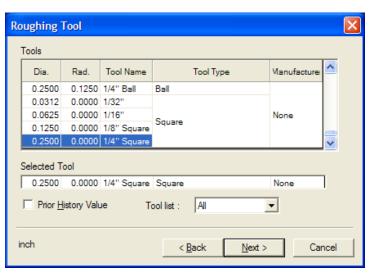
Step 6: Select processes to generate.

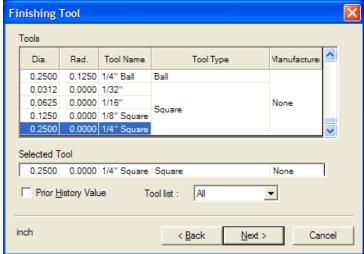
Profiles	X
Roughing (Z-level)	Generate Walls around workpiec
Finishing (Z-level) Finishing (Scanning-Line)	Thickness: 0.0393 inch  Taper  Angle: 0.000 deg.
If you need more Profiles, you can create them later.	Wall Thickness must be 0.03937inch
	< <u>B</u> ack <u>N</u> ext > Cancel





 Step 7: Select tools for roughing and finishing.

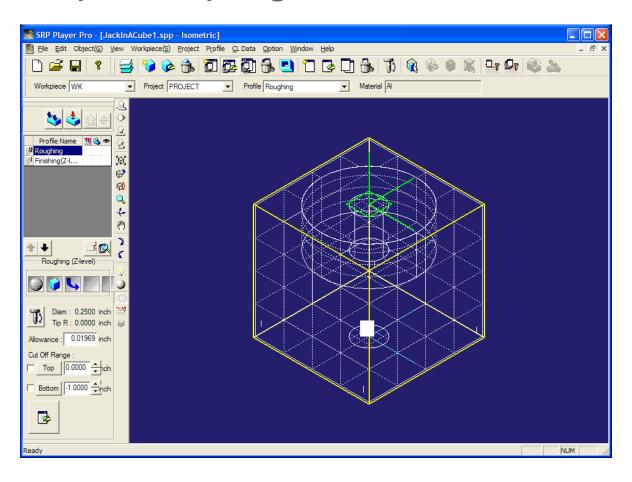








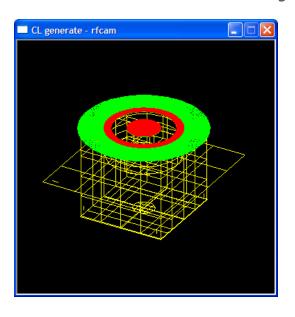
Completed program.

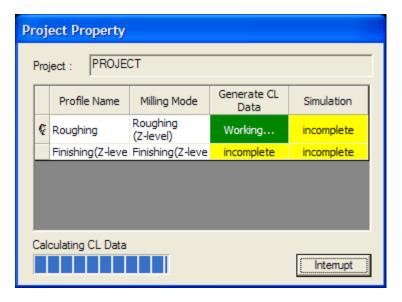






- Step 8: Click on generate tool paths to process data.
- It does generate tool paths quicker than SRP Player.









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

Output NC Data					X
Destination  Output Folder: C:\Documents and Settings\PGonzalez.ROLAND\Desktop  Deen Folder After Outputting NC Data					
Output Settings  C Output each profile Individually C Merge Profiles that have the same tool no. Merge all Profiles  Cooling: None					
Document : C:\Documents and Settings\PG					
Profiles :					
Profile File	Tool Name	Dia.	Rad.	Т	
Roughing     Finishing(Z-level)  SRP_Pro1.rml	1/4" Square 1/4" Square	0.2500 0.2500	0.0000	1	
Check All Items Tool Set   Apply Disable Tool Set(U)					
inch		<u>D</u> etai	s	OK	Cancel





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

SRP Player Pro Preferences				X
Surfacing   General Default Proje	Dowel Pin Hole		Outp Machine Settings	out Milling Data
Auto Save Length of display				
None		Axis Length	of <u>M</u> odel Origin:	0.78740 inch
© Before generating CL Data		Axis Length of Project Origin(W): 0.78740 inch		0.78740 inch
✓ Use Confirm Dial	og	Arrow Length	of Cutting Cur <u>v</u> e:	0.39370 inch
Order of File Types		Unit C m	m	
○ Default		€ inch		
C SRP Player Pro Fili		✓ Hide main window while generating CL Data		
C Last used File		▼ Ask whether to delete CL Data when editing Profile		
		☑ Use Hardwa	are Acceleration	
Default OK Cancel Apply				





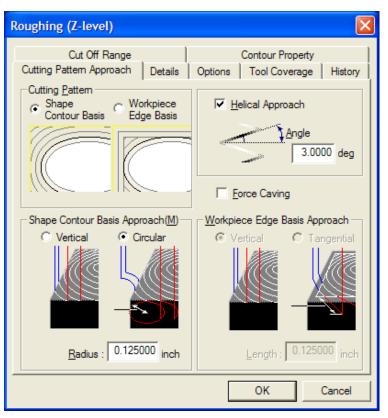
 Software can output in G-Code for the MDX-540.

SRP Player Pro Preference	es	
Surfacing General Default	Dowel Pin Hole	Output Milling Data  Machine Settings Remote Host
Machine : MDX-540  Parameter File : MDX-540-A	TC(RML-1)	Output code  O G code (NC;  RML-1  C CAMM-GL  NC settings  ATC  Magazine(H): 4 ▼  Program No.  Cooling Method:
Machine Specification  Feed  Max: 7500 mm/min  Min: 6 mm/min  Fast Feed  7500 mm/min	Z : 6.10 inch	Move Distance
Default		OK Cancel Apply





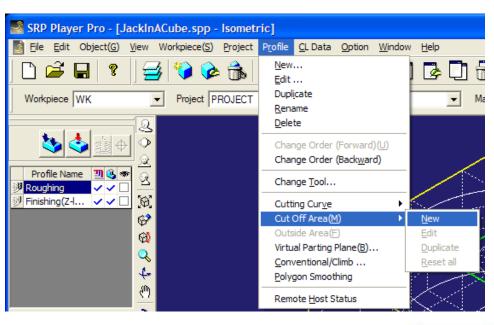
Has many cutting options.



Roughing (Z-level)	×			
Cut Off Range  Cutting Pattern Approach Details  Precision Settings  Chordal Deviation: 0.001575 inch	Contour Property Options Tool Coverage History Optimizing CL Data  Elimination of Air Cut			
Tolerance of Curvature  Judgement 7.0000 deg  Angle: 0.003937 inch	Settings(Z)  ✓ Check Holder Interference(G)  Settings(X)  Arc Conversion			
CL Reduction: 0.000039 inch  Details	Iolerance: 0.000390 inch  Max Arc Radius: 196.85039 inch  Min Arc Length: 0.003940 inch			
OK Cancel				



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

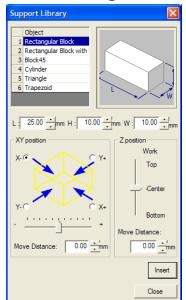






Better surface finish than polygon data.

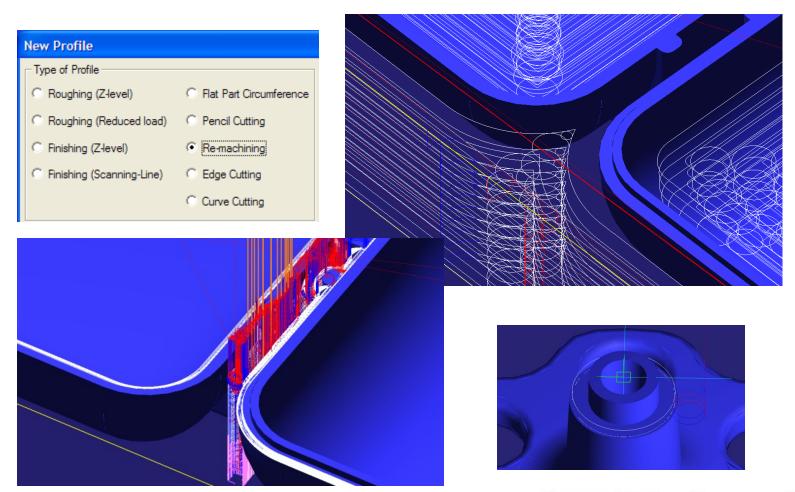
Support Library for adding supports





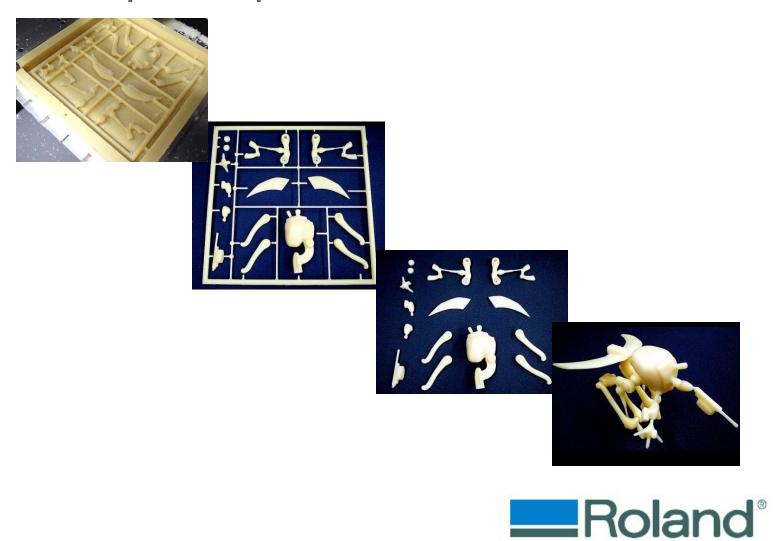


Additional machining methods available.

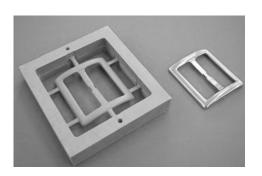




Sample output.



Sample output.











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





