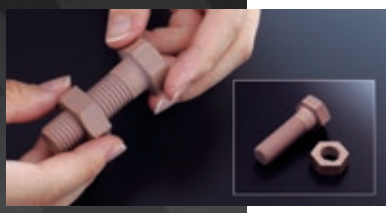
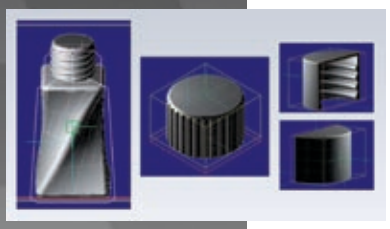
SRP™ PlayerPro

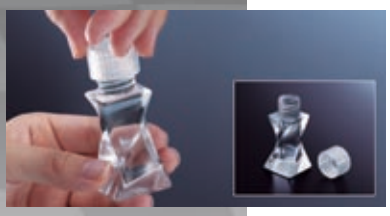
3D CAM SOFTWARE FOR ROLAND MILLING MACHINES

For Exceptionally Smooth, Accurate Models

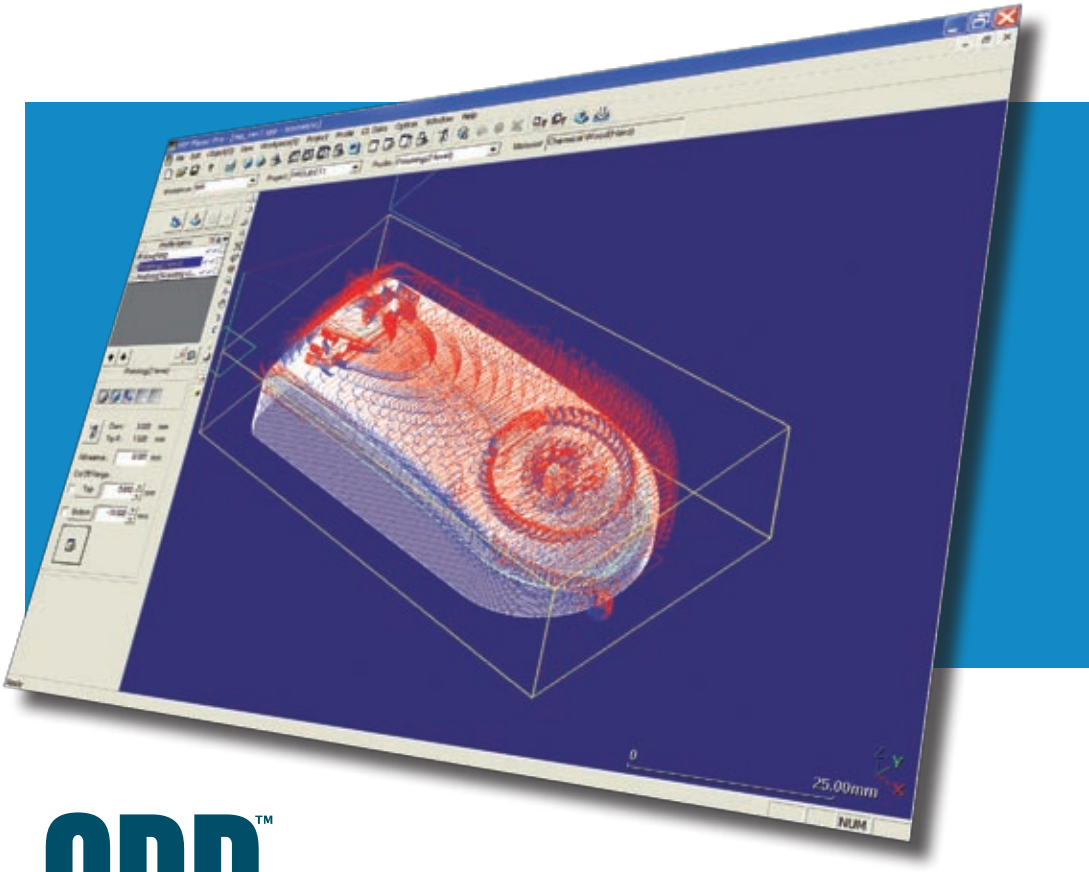


Check the precision of joined components such as this nut and bolt





Inspect the elegant curves, smoothness and overall design of a cosmetic bottle both visually as well as by touch



SRP™ PlayerPro

Roland SRP Player Pro CAM Software Features:

- Creates ultra-smooth surfaces and precise-fitting parts while optimizing tool paths, also known as cutter locations
- Easy-to-use, wizard-style interface instantly sets the milling machine's parameters
- Creates models that inspire creativity and reflect all the details of the original models

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Efficient ToolPaths Produce Beautifully Precise Output

Unique method generates smooth, accurate tool paths

SRP Player Pro ensures highly efficient milling, using CAD data to generate the tool paths. It creates smooth surfaces directly from the original CAD data.

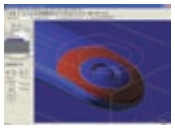
Unique SRP Player Pro Offset Method Produces Smooth Output

Offsets the surface. | Tracing the surface, using a sphere as a virtual tool. | Generates a smooth path through the center of each virtual sphere.

Polygon Calculation Method Produces Less Than Optimal Output

Approximates the surface of the polygon. | Offsets the cross section by the tool radius. | Offsets the surface.

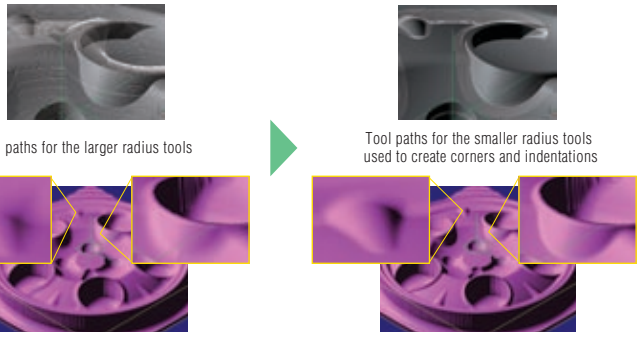
Selects cutting area to fit design



For greater operating efficiency, SRP Player Pro generates the right tool paths for the targeted sections whether they are square, circular or polygon shaped.

Optimizes tool paths for finishing process

SRP Player Pro automatically generates the most efficient tool paths for each of the different tools used. Larger radius tools are used to finish most of the surface area, while smaller tools are selected for fine details such as corners and indentations. This remachining process ensures maximum throughput while maintaining the model's fine details and smooth surface.



Tool paths for the larger radius tools

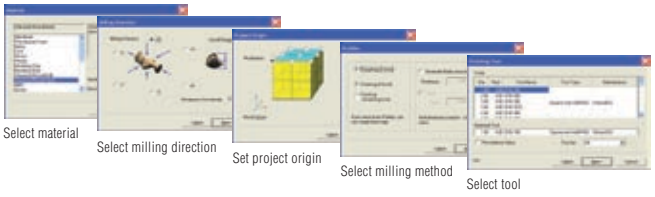
Tool paths for the smaller radius tools used to create corners and indentations

Intuitive Workflow with Easy-to-Follow Wizard

Simplify multifunctional CAM settings by following these steps to generate tool paths

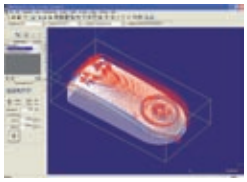
1st Step — Define material size

2nd Step — Set up milling process parameters

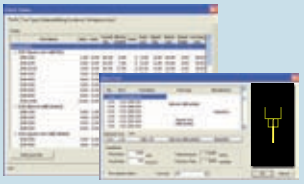


Select material | Select milling direction | Set project origin | Select milling method | Select tool

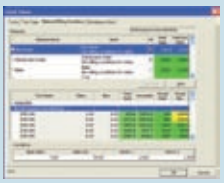
3rd Step — Generate tool paths



The Tool & Material database simplifies the set-up process for machine parameters such as feed speed and the rpm. It can also register new tools into the database.



Database includes 42 types of tools
New tools can be added to the database



Database includes 25 types of material

Specifications	
Import file format	Rhino File (Rhinoceros 1.0, 1.1, 2.0, 3.0, 4.0) DXF file (3D polygon mesh data only) IGES file (Preferably IGES V5.1 converted by JAMA-IS) STL file (Binary and ASCII formats)
Saving file format	SRP Player Pro format (.spp)
Output code	G-code (Compatible with FANUC G-Code with some exceptions), and RML-1 (Roland Machine Language)

Roland SRP Player Pro System Requirements	
Operating system	Windows Vista® Business (32-bit edition), Windows® XP Professional Service Pack 2 (32-bit edition)
CPU	Intel® Pentium® 4 or faster
RAM	1GB or more is recommended
Free hard-disk space	2GB or more (800MB or more for virtual storage)
Connectivity	USB Port required (for Hardware Security Key)
Compatible Roland 3D Milling Machine	MDX-540, MDX-540S, MDX-540A, MDX-540SA, MDX-40, MDX-20, MDX-15, MDX-650(Discontinued), MDX-500(Discontinued),
Others	Pointing device, CD-ROM drive

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