Radpunch

CNC PROGRAMMING FOR TODAY'S PUNCHING MACHINES

Radpunch brings advanced punch press CNC programming to the **Radan 03** family. Combining sophisticated technology with unrivalled ease-of-use, Radpunch delivers maximum productivity for your engineering staff and machine tools.

Radan 03 Radpunch supports most machine tools available worldwide today.

Radpunch integrates seamlessly with Radprofile to provide a comprehensive solution for combination machines such as punch/laser or punch/plasma.

The revised user interface of Radprofile and graphics display simplifies operation and enhancements to the manufacturing database means that more information about your production processes is captured by the system for use in future programs.

Radpunch benefits:

- Maximise material utilisation with single part layout and automatic nesting.
- High productivity for engineers and machine tools
- Reduced lead times.
- Increased production flexibility.
- Easily switch production from one machine tool to another.
- Material savings.
- Only one software package needed to drive all your machine tools.
- Support for your machine's advanced features.
- Efficient data exchange for sub-contractors.
- An integrated component of **Radan 03.**

The most powerful sheet metal software in the world
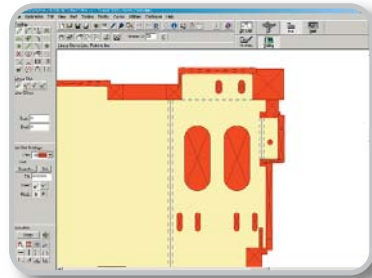
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Features:

- Easy-to-use Windows interface with drag and drop data exchange from DXF, DWG or IGES files.
- Import/Export wizards for batch processing of DXF, DWG and IGES files.
- Fully automatic tooling.
- Automated manual tooling.
- Tooling and part removal for multiple part orientations
- Material database including tooling and nest parameters.
- Pre-cut blank and single part sheet layout.
- Fully automatic multi-part nesting.
- Cutting sequence optimisation with form avoidance.
- Automatic and manual part unloading with graphical interface.
- Automatic run-time calculation with post processing.

Radpunch supports an extensive range of machine tools

Auto Tooling

Strength in depth

Radan 03 Radpunch has strength in depth to match the sophistication of today's punching machinery.

Support for tooling is comprehensive with built-in support for many types including wheels, slug-less slitters, scribing tools and shears. Because Radpunch understands the engineering behind these tools, it is able to apply the appropriate constraints to the process. Close proximity slitting tools that allow punching near to the clamps are also fully supported.

Equipment such as sheet loaders, unloaders and part pickers are becoming increasingly common as automation increases. Manufacturers produce widely differing designs for this type of equipment, presenting CNC programming systems with a challenge to operate them easily and effectively.

However, Radpunch systems are pre-configured to replicate your particular machine tool and a unique graphical interface makes

preparing a part for picking simple and quick.

Supporting this high level of machine specific functionality is Radan's huge library of post processors and machine simulation program verifiers. No other system offers such built-in understanding of sheet metal punching equipment.

Radan provides unrivaled after-sales service, including:

- Direct PC-PC support.
- Training at customers site or Radan's offices.
- Consultancy & customisation.
- Affordable software maintenance.
- Competitive upgrade policy.

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www.radan.com