The Swift-Cut Pro Range

A collection of four cutting edge CNC plasma cutting tables. With its easy to use software, the Swift-Cut Pro range offers high speed, stable and accurate cutting. The Swift-Cut software is easy to use, easy to learn and operate with exceptional aftercare and support. The Swift-Cut Pro range is the answer to affordable in-house metal cutting.

- **Fully enclosed cutting head**
  - Fully enclosed cutting head offers protection to key components against the harsh cutting environment.

- **Automatic height control**
  - Automatic touch height control maintains the correct cutting height, ensuring high quality and consistent cutting.

- **Plate sensor**
  - Intelli-sensor plate sensor accurately locates the plate surface for precise cutting.

- **Water table bed**
  - The water table bed option offers efficient fume suppression, ensuring a clean and safe working environment.

- **Heavy duty gantry**
  - Heavy duty gantry end castings with machined faces provide a precise and stable platform for the cutting head.

- **Enclosed drag chains**
  - Enclosed drag chains protect cables against damage from overhead cabinets.

- **Linear rail**
  - Precision linear rail on all axes ensures smooth, repeatable movement and superior positioning accuracy.

- **Heavy duty base**
  - Heavy duty laser levelled base ensures the table is level and rigid for accurate and consistent cutting.

- **Laser aid**
  - Laser assist aids in the positioning of the cutting head.

- **Software**
  - Swift-Cut’s easy to use and intuitive software.

- **Operator’s console**
  - Ergonomic operator’s console with touch screen and keyboard/mouse inputs.

- **Engraving tool**
  - The Swift-Cut engraving tool allows you to mark your work in seconds, allowing you to remain in control of your project from start to finish.

- **Gas**
  - Heavy duty gas system used for the most precise and consistent cutting.

- **Automatic torch height control**
  - Automatic torch height control maintains the correct cutting height, ensuring high quality and consistent cutting.

- **Gantry beam**
  - Lightweight high rigidity gantry beam supports the cutting head and ensures high accuracy.

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SwiftCAM
SwiftCAM easy to use software guarantees that anyone with a basic knowledge of computers will be capable of operating the CNC plasma cutting system. Minimal training means the table will be operational almost immediately, maximising output from the start.

**Automatic control**
Serial link with Hypertherm Powermax – Automatic control of plasma settings.

**Description:** Easy to use with basic and advanced screens.

**Sheet Alignment**
Align the cutting path with misaligned sheets on the cutting bed.

**Sheet Trim**
Easily trim scrap material from sheet stock.

**Cut Recovery**
Easily recover interrupted cuts due to a breakaway head or emergency stop condition.

**G-Code Favourites**
Save up to 5 g-code files for quick loading.

**Dry run**
Simulate the g-code file without cutting.

**Automatic lead in/out**
Software automatically applies lead ins/out for quicker programming.

**Reference points**
5 user configurable reference points for g-code fixtures.

**3D Cut Simulation**
Play a 3D machine simulation of the cutting operation.

**3D part preview**
Preview the part in 3D before cutting.

**Automatic nesting**
Automatically nests parts for economical sheet usage.

**Part in part nesting**
Nest parts in scrap areas to fully utilise the sheet.

**Customisable toolsets**
Modify or create toolsets for new materials.

**Customisable cutting rules**
Optimise cutting parameters for best cutting performance.

**Parametric shape library**
Over 80 configurable shapes.

**JPEG/DXF/DWG import capable**
Import .dxf files or convert .jpg images for cutting.

**Available in 4 sizes**

| Pro 1250 | 1239mm x 1239mm cutting area (4' x 4') |
| Pro 2500 | 2500mm x 1239mm cutting area (8' x 4') |
| Pro 3000 | 3000mm x 1530mm cutting area (10' x 5') |
| Pro 4000 | 4000mm x 2000mm cutting area (13' x 6.5') |

**Cutting Power Options**

| Plasma Source: Hypertherm |
|---|---|---|---|---|
| **Max pierce capacity** | Mild steel | Stainless steel | Aluminium | Duty cycle | 100% duty cycle |
| Powermax 45 | 12mm | 12mm | 10mm | 50% | 22Amps |
| Powermax 65 | 16mm | 16mm | 12mm | 50% | 46Amps |
| Powermax 85 | 19mm | 19mm | 14mm | 65% | 66Amps |
| Powermax 105 | 23mm | 25mm base use | 20mm | 85% | 94Amps |
| Powermax 125 | 25mm | 25mm base use | 25mm | 100% | 125Amps |
| MAX PRO 200** | 30mm | 30mm | 25mm | 100% | 200Amps |

*Single phase **Only available with Pro 4000

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For more information contact
swift-cut.com