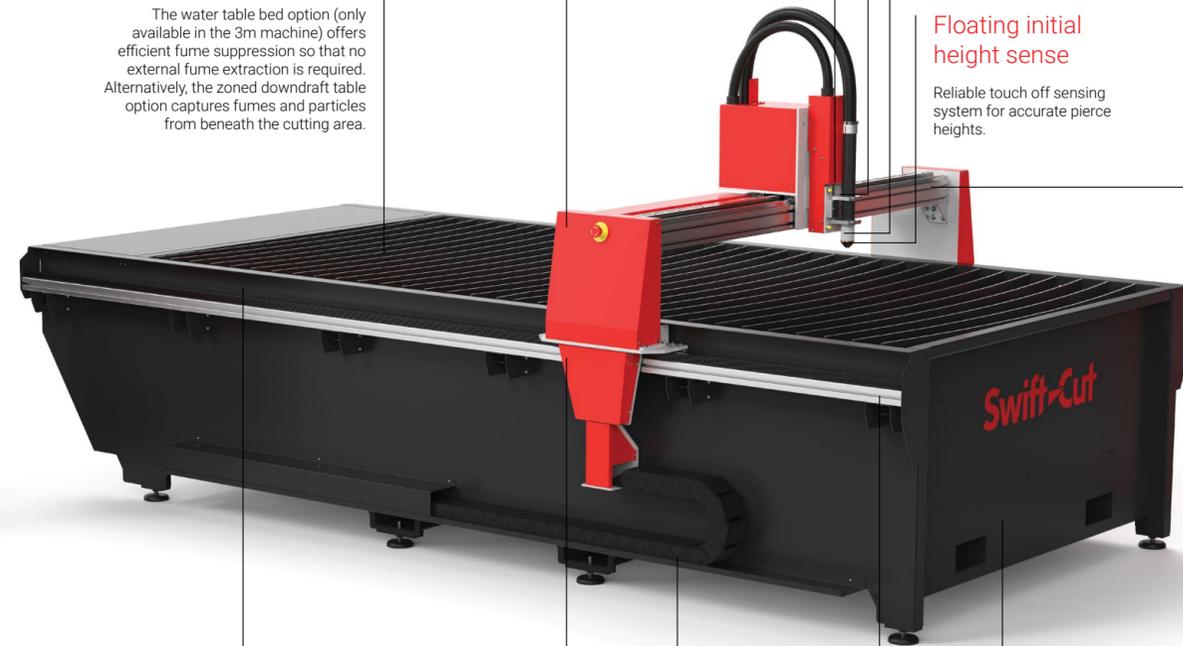


## The Swift-Cut XP

The Swift-Cut XP is cutting edge in its design and more durable than ever. The XP is designed with production cutting in mind up to 32mm (with a pierce capacity and edge start 50mm mild steel), now available to work in conjunction with the Hypertherm MAXPRO200. Supplied with OMRON AC servo motors across all axes for improved accuracy.



**MAXPRO200**  
Plasma system



### Table bed options

The water table bed option (only available in the 3m machine) offers efficient fume suppression so that no external fume extraction is required. Alternatively, the zoned downdraft table option captures fumes and particles from beneath the cutting area.

### Protection Covers

Protect key components against the harsh cutting environment

### Breakaway head

Ensures the torch is protected in the event of a part collision.

### Intelligent Torch Height Control

Never have to set up torch height control yourself. Automatic voltage sampling provides repeatable cut quality and increased consumable life compared to conventional Torch Height Control systems.

### Engraving tool

The Swift-Cut engraving tool allows you to mark and cut in one operation, meaning no more outsourcing or moving your project from one machine to another (optional extra).

### Floating initial height sense

Reliable touch off sensing system for accurate pierce heights.

### Gantry beam

Lightweight but rigid gantry beam supports twin x-axis linear rails, it also gives you the ability to cut 200mm box sections.



**Software**  
Swift-Cut's easy to use software. SwiftCAM Advanced as standard

**Operators console**  
Ergonomic operators console with touch screen and keyboard/mouse inputs.

### Helical Rack

Helical Rack on X & Y axes offers reduced backlash and greater repeatability

### Heavy duty gantry

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

### Enclosed drag chains

Fully enclosed drag chains protect cables against damage from molten material.

### Linear rail

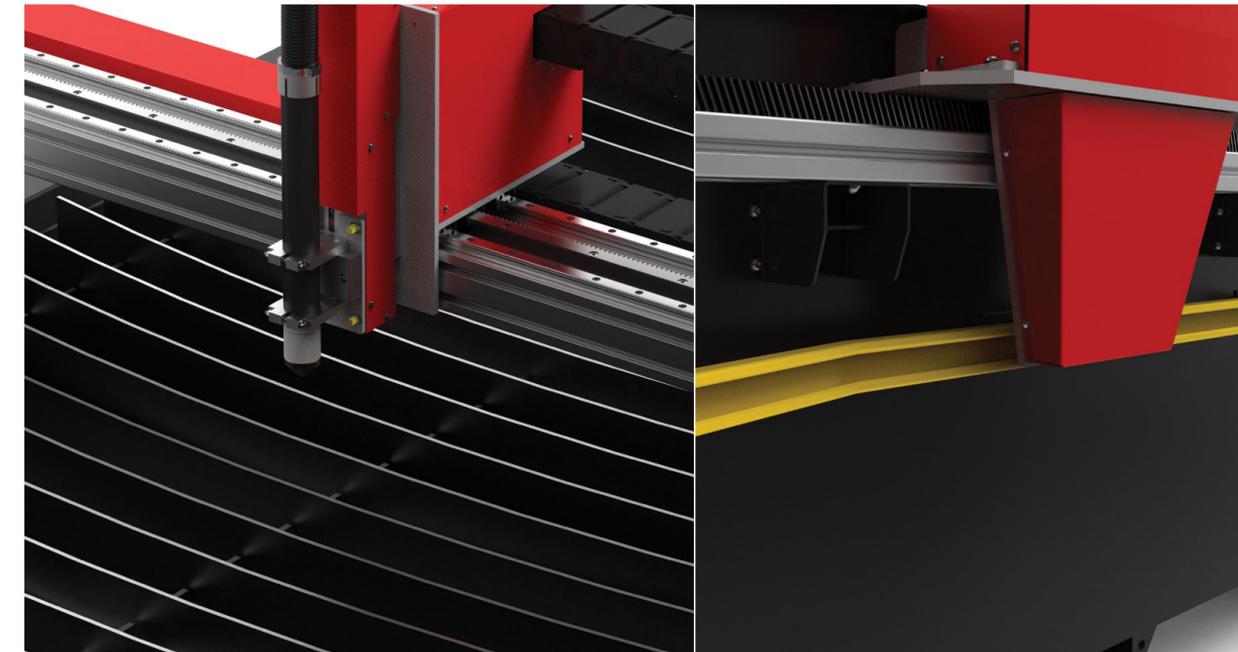
Precision linear rail on all axes combined with Omron AC digital servos delivers exceptional positioning accuracy.

### Heavy duty base

Fully welded reinforced base provides the required support and rigidity when cutting thick material

## Key Benefits:

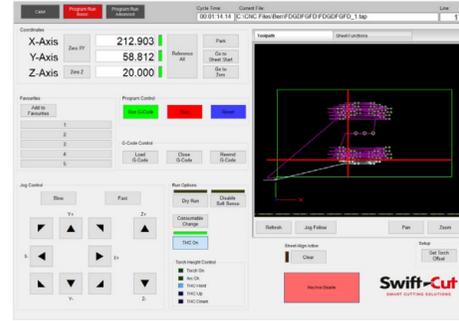
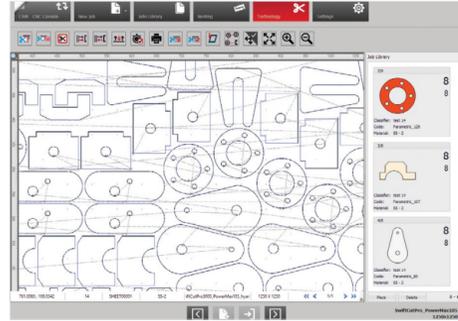
- Ability to cut using Air/Air, O<sup>2</sup>/Air and N<sup>2</sup>/N<sup>2</sup>
- Improved edge finish
- Faster cut speeds
- Less dross
- Less taper
- Longer consumable life



The Swift-Cut XP high amperage cutting allows for a pierce capacity up to 32mm and significantly improved cut speeds.

## Swift-Cut Software

Swift-Cut's 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.



### Beginner and Advanced CNC controls

If you are new to CNC and require a simplified software interface or if you are an advanced user who wants the latest features in CNC, our software will suit your needs.

### Plate Alignment

Never struggle aligning your material again, the software will do the work for you.

### Sheet Trim

Easily trim off scrap material.

### 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

Run the g-code file without cutting

### Automatic lead in/out

Software automatically applies lead ins/ out for quicker programming.

### JPEG/DXF/DWG import capable

Import .dxf files or convert .jpg images for cutting.

### Automatic nesting

Automatically nests parts for economical sheet usage.

### Part in part nesting

Nest parts in scrap areas to fully utilise the sheet.

### Zero Datum store

Don't lose a datum point again, this system stores your last datum point so even if you lose power you won't lose your position.

### Configurable datum points

Set up to 5 datum points anywhere on the cutting bed. This can be used to reduce set-up times when using jig fixtures or set custom parking positions.

### Advanced Drawing Importer

Built in system to clean, scale or delete items within problematic drawings.

### Customisable cutting rules

Optimise cutting parameters for best cutting performance.

### Customisable toolsets

Modify or create toolsets for new materials.

### 3D part preview

Preview the part in 3D before cutting.

### Parametric shape library

Over 80 configurable shapes.

### G-Code Queue

Queue up to 5 g-code files for quick loading.



## Available in 2 sizes



### Swift-Cut XP

3000mm x 1500mm  
cutting area (10' x 5')

### Swift-Cut XP

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* XP		12mm	12mm	10mm	50%	32Amps
Powermax 65		16mm	12mm	12mm	50%	46 Amps
Powermax 85		19mm	16mm	16mm	60%	66 Amps
Powermax 105		22mm	20mm low use	20mm	80%	94 Amps
Powermax 125		25mm	20mm	25mm	100%	125 Amps
MAXPRO200		30mm	25mm	25mm	100%	200 Amps

\* single phase

**Swift-Cut**  
SMART CUTTING SOLUTIONS

For more information contact  
**swift-cut.com**



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Swift-Cut XP  
CNC Plasma  
Cutting Machine  
Brochure

