HARE&FORBES
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Product Brochure For P9044

Swiftcut PRO 4000WT - CNC Plasma Cutting Table

4000 x 2000mm Water Table System
Hypertherm Powermax125 - Cuts up to 25mm Mild Steel Plate

	Ex GST	**Inc GST**
	$68,400.00	**$75,240.00**

ORDER CODE:	P9044
MODEL:	Swift-Cut PRO 4000WT
Cutting Table Capacity (mm):	4000 x 2000
Cutting Capacity - Mild Steel (mm):	25
Plasma Cutting Unit:	Powermax 125
Current Output (amp):	30 - 125
Duty Cycle (Typical):	100% @ 125A
Fume Management (Type):	Water Tray System
Cutting Gas (Type):	Air
Plasma Unit Input Voltage (V):	415V
Machine Input voltage:	~
Plasma Unit Input Amperage (amp):	36
Nett Weight (kg):	1300

Description

With a 4000 x 2000mm cutting area, the Swift-Cut PRO 3000 is a feature packed plasma cutting table with the ability and power to cut for as long as required. With a robust steel fully welded frame and free standing operators console, making it ideal for workshops, metal fabricators, educational establishments, designers and artists.

With gantry parking to allow a full sheet to be loaded overhead and a dropped rail for ease of loading, not to mention the simple on-going maintenance, the Swift-Cut PRO 4000 really is the answer to all your cutting needs.

SOFTWARE: Standard Version
• Auto Arc voltage capture and regulation to automatically adjust the cut settings to suit varied material characteristics
• Program recovery function automates starting part way through a program
• Sheet Trim function to easily trim off excess skeleton
• G code browser & editor for the novice operator
• G code favourites – user customised
• DXF, DWG & JPEG photo import function
• 3D part Viewer
• Advanced importer with ability to re-export and save the filtered DXF
• 5 user assigned reference points for jigs and fixtures
• Sheet rotation function
• Automatic lead in / out of cut paths
• Dry run capability for testing prior to cutting
• Parametric shapes library with over 80 shapes
• Automatic cutting consumable recommendations based on material and thickness
• Manual nesting of parts
• Team viewer software for remote support

SOFTWARE: Advanced Version (Optional Extra)
• All of the Standard version features
• Automatic nesting parts for economical sheet usage
• Automatic Part in part nesting - Nests parts in scrap areas to fully utilise sheet

HYPERTHERM PLASMA:
Delivering maximum power and performance for air plasma, the Powermax125® plasma system cuts thick metals fast. Able to make short work of the toughest cutting jobs the system offers a 100% duty cycle @ 25 mm mechanized pierce capability

Features

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- Fully fabricated and welded steel frame
- Water tray for efficient control of sparks and fumes
- Dropped rails for ease of loading full sheets
- Gantry parking to allow full sheet to be loaded overhead
- Linear guideways for fast accurate motion
- High speed axis motors with closed loop feedback (encoder) for accuracy and reliability
- Dual motor drive Y-axis
- Rack and pinion drive system
- 360 Degree Breakaway head eliminates damage to torch and improves safety
- Laser guide for easy sheet positioning
- Free-Standing Operators Console with LCD TOUCHSCREEN control
- Cut metal up to 25mm thick depending on the Hypertherm Powermax unit selected
- Soft sense Digital Torch-Height Control (DTHC) Quick response for improved cut quantity and improved torch consumable life. This unique touch sensing is so soft and accurate even the thinnest sheet metal will not deflect while sensing.
- Dynamic Cut Control (DCC) is available on all Swiftcut PRO machines, This feature enables Software control of cutting amps and air pressure, Error messages, air pressures and critical data from the plasma unit is displayed on Swiftcut control screen for operator convenience, On the fly arc voltage, air pressure and cutting speed control ensures the highest quality cut at all times. INDUSTRY 1st UNIQUE TO SWIFT-CUT

Optional Accessories

- SwiftMark marker unit - Integrated pneumatic marker. Can be used to automatically mark text, fold lines and centre marks on components prior to profiling to avoid costly second operations. Great for part numbering or serial numbering of parts.
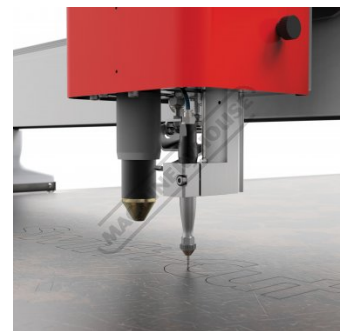- Advanced upgrade - Swiftcam software upgrade

Specific Features

Front

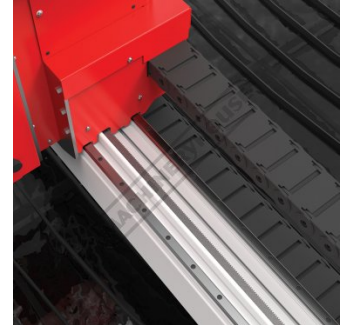Console

Initial Height Sense

Optional Engraver Shown

Head Gantry

Gantry Safety-Cover

Linear Rail Rack-Side

Side Rail Head

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Supplied With Powermax125

Recommended Accessories

P9056

SwiftCAM Advanced Software Upgrade

P9064

Swift-Marker Pro 2020

P799

Plasma Water Table Fluid

C525

Industrial Pilot Air Compressor

C5451

Refrigerated Compressed Air Dryer

P849

Hypertherm 30-125A Electrode

P850

Hypertherm 125A Nozzle

P851

Hypertherm 65A Nozzle

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P852	P853	P854	P855
Hypertherm 45A Nozzle	Hypertherm FineCut Only Nozzle	Hypertherm 125A Shield	Hypertherm 45-65A Shield

P856	P857	P858	P859
Hypertherm FineCut Only Shield	Hypertherm 125A Swirl Ring	Hypertherm FineCut Only Swirl Ring	Hypertherm 30-125A Retaining Cap

AP0001	AP0006	AP0007	P8081
Air filter element - Internal filter Powermax	Hypertherm O-Ring	Hypertherm O-Ring Lube	Hypertherm Eliminizer Filter - Replacement filter element

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P8064
Hypertherm Hand Torch