Auckland: (09) 2717 234
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Product Brochure For P9044

CNC Plasma Cutting Table - Swiftcut PRO 4000WT

4000 x 2000mm Water Table System

Hypertherm Powermax125 - Cuts up to 25mm Mild Steel Plate

Ex GST	Inc GST
$79,544.00	$91,475.60



ORDER CODE:	P9044
MODEL:	Swift-Cut PRO 4000WT
Cutting Capacity - Mild Steel (mm):	25
Cutting Table Capacity (mm):	4000 x 2000
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

Swift-Cut SMART CUTTING SOLUTIONS

Made in the UK

1 YEAR WARRANTY

NO PLUG 415V

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

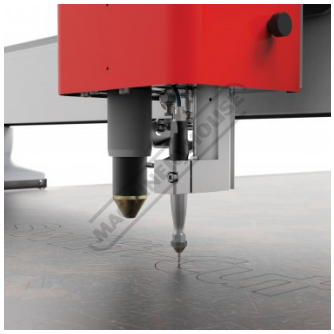
Specific Features



Front


Console


Initial Height Sense


Optional Engraver Shown

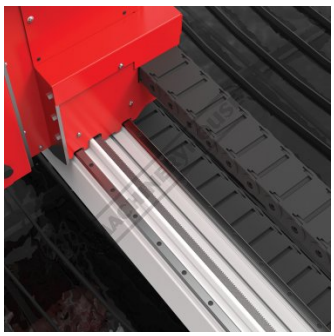


Head Gantry



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



P7870
Deburring Machine



P849
Hypertherm 30-125A Electrode



P850
Hypertherm 125A Nozzle



P851
Hypertherm 65A Nozzle



P852
Hypertherm 45A Nozzle



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Product Brochure For P9044

P853
Hypertherm FineCut Only Nozzle



P854
Hypertherm 125A Shield



P855
Hypertherm 45-65A Shield



P856
Hypertherm FineCut Only Shield



P857
Hypertherm 125A Swirl Ring



P858
Hypertherm FineCut Only Swirl Ring



P859
Hypertherm 30-125A Retaining Cap



AP0001
Air filter element kit -Internal



AP0006
Hypertherm O-Ring



AP0007
Hypertherm O-Ring Lube



P8081
Hypertherm Eliminizer Filter - Replacement filter element

