Auckland: (09) 2717 234
Christchurch: (03) 741 6241

sales@machineryhouse.co.nz
www.machineryhouse.co.nz

Product Brochure For P9005

Compact CNC Plasma Cutting Table - SWIFTY 1250 XP

1250 x 1250mm Table, Water Tray System, Hypertherm Powermax 45XP up to 12mm Mild Steel Plate



ORDER CODE:	P9005
MODEL:	SWIFTY 1250 XP
Cutting Capacity - Mild Steel (mm):	12
Cutting Table Capacity (mm):	1250 x 1250
Plasma Cutting Unit:	Powermax 45XP
Current Output (amp):	32 - 45
Duty Cycle (Typical):	50% @ 45A & 100% @ 32A
Fume Management (Type):	Water Tray System
Cutting Gas (Type):	Compressed Air
Plasma Unit Input Voltage (V):	240V
Machine Input voltage:	~
Plasma Unit Input Amperage (amp):	32
Nett Weight (kg):	461

Description

Swifty - CNC Plasma 1250 x 1250mm Cutting Table and Hypertherm Powermax 45XP plasma to cut up to 12mm.

Swifty is a compact new CNC plasma cutting machine with big capabilities. It's versatile, portable and easy to use opening up a world of possibilities and offering great value for smaller workshops.

All that is required to operate the Swifty is an air compressor and a laptop, giving the freedom to work wherever you wish.

Swifty 1250 CNC Software

Standard Version
• Auto Arc voltage capture and regulation
• 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 import function
• 3D part Viewer
• Advanced importer with ability to re-export the filtered DXF
• Sheet rotation function
• Automatic lead in / out of cut paths
• Dry run capability for testing prior to cutting
• Parametric shapes library
• Automatic Cutting Consumable recommendations based on material and thickness
• Manual nesting of parts
• Team viewer software for remote support.

Advanced Version (Optional Extra)
• All of the Standard version features
• Multiple simultaneous DXF import
• Automatic part in part nesting

Overview Plasma power source
The Hypertherm Powermax45® is the newest member of the best-selling line of Powermax® portable plasma systems. The Powermax45® XP delivers increased cut capacity as well as faster cut speeds, and automatic gas adjustment for quick, simple setup and operation. The New

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Duramax® Lock torches support handheld and mechanized cutting of a wider range of metal thicknesses.

• Plasma System is made in the USA by Hypertherm
• Large 12mm thick pierce capacity
• Cutting speeds up to 3 times faster than competitor models
• Cutting duty cycle up to 2 times longer than competitor models
• Smart Sense™ technology that automatically adjusts gas pressure and flow for optimal performance
• Effortlessly cuts all electrically conductive materials including steel, cast Iron, stainless steel, copper, aluminium & brass etc.

Features

- 240V (30A) power supply
- Up to 12mm pierce capacity
- 1250 x 1250mm cutting area
- Water tray for efficient control of sparks and fumes
- Heavy duty steel construction
- Digital Torch-Height Control (DTHC) to ensure quality cutting
- Soft Sense material height sensing, perfect for thin materials
- Breakaway head eliminates damage to torch and improves safety
- Dynamic Cut Control (DCC) INDUSTRY 1st UNIQUE TO SWIFT-CUT - on all Hypertherm models, software control of cutting amps and air pressure, error messages from the plasma unit displayed on the Swiftcut control screen and varied cutting speed control from the console for improved cut quality
- Includes stand with storage shelf, integrated laptop table and data cable
- Machine comes fully assembled for accuracy, stand needs assembling

Includes

- Swifty CNC cutting table
- Swift CNC software
- Hypertherm Powermax 45XP plasma unit
- Air filter for plasma (C492)

Specific Features



Supplied with Powermax45 XP


Front View


Left View


Rear View


Top View


Low View


Plasma Gantry



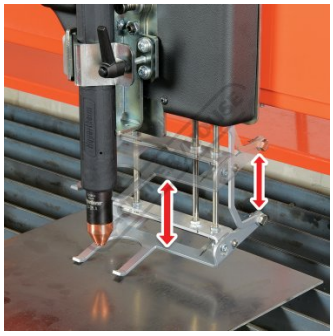
Torch

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Product Brochure For P9005


Torch Front View


Soft Sense Torch Height Control


Breakaway Torch


Breakaway Torch Return Position



Gantry Roller Support Right View


Gantry Roller Support Left View


Water Table


Laptop Table with Data Cable


Shown with Optional Laptop



Emergency Stop Switch



Stand with Storage Shelf



HYPERTHERM Powermax 45 XP


HYPERTHERM Powermax 45 XP Front View


HYPERTHERM Powermax 45 XP Left View


HYPERTHERM Powermax 45 XP Rear View

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Recommended Accessories

P837
Hypertherm 30-105A Electrode



P838
Hypertherm 45A Nozzle



P842
Hypertherm FineCut Only Nozzle



P843
Hypertherm 45-85A Swirl Ring



P844
Hypertherm 105A Swirl Ring



P845
Hypertherm 45-85A Shield



P847
Hypertherm 45-105A Deflector



P848
Hypertherm 65-105A Retaining Cap



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Product Brochure For P9005

P799
Plasma Water Table Fluid



P8081
Hypertherm Eliminizer Filter - Replacement filter element



AP0001
Air filter element kit -Internal



AP0007
Hypertherm O-Ring Lube



AP0009
Hypertherm O-Ring

