

Product Brochure For P9007

Compact CNC Plasma Cutting Table - SWIFTY 1250 XP

1250 x 1250mm Table, Water Tray System, Hypertherm Powermax

Cuts up to 16mm Mild Steel Plate



Supplied with:

Hypertherm®
 Cut with confidence™

Powermax 65



ORDER CODE:	P9007
MODEL:	SWIFTY 1250 XP
Cutting Capacity - Mild Steel (mm):	16
Cutting Table Capacity (mm):	1250 x 1250
Plasma Cutting Unit:	Powermax 65
Current Output (amp):	32 - 45
Duty Cycle (Typical):	50% @ 65A & 100% @ 46A
Fume Management (Type):	Water Tray System
Cutting Gas (Type):	Compressed Air
Plasma Unit Input Voltage (V):	415V
Machine Input voltage:	~
Plasma Unit Input Amperage (amp):	20
Nett Weight (kg):	461

Description

SwiftY - CNC Plasma 1250 x 1250mm Cutting Table and Hypertherm Powermax 65 plasma to cut up to 16mm.

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 Powermax65® is the newest member of the best-selling line of Powermax® portable plasma systems. The Powermax65® 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 16mm 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

- 415V power supply
- Up to 16mm 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 65 plasma unit
- Air filter for plasma (C492)

Specific Features



Right View

Front View

Left View

Rear View



Top View

Low View

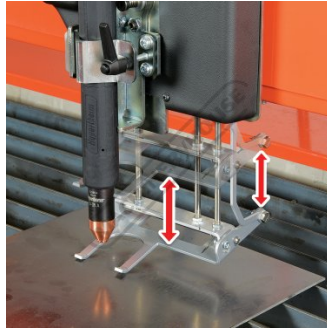
Plasma Gantry

Torch

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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 65



HYPERTHERM Powermax 65 Front View



HYPERTHERM Powermax 65 Left View



HYPERTHERM Powermax 65 Rear View



HYPERTHERM Powermax 65 Rear Top View

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Recommended Accessories

P837

Hypertherm 30-105A Electrode



P8371

Hypertherm 45-105A Copper Plus Electrode



P838

Hypertherm 45A Nozzle



P842

Hypertherm FineCut Only Nozzle



P843

Hypertherm 45-85A Swirl Ring



P845

Hypertherm 45-85A Shield



P847

Hypertherm 45-105A Deflector



P848

Hypertherm 65-105A Retaining Cap



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AP0005
Hypertherm O-Ring



P799
Plasma Water Table Fluid



P8081
Hypertherm Eliminator Filter -
Replacement filter element



AP0001
Air filter element kit -Internal



AP0007
Hypertherm O-Ring Lube

