

Product Brochure For P9035

Swiftcut 3000DD MK4 - CNC Plasma Cutting Table

Downdraft System, Hypertherm Powermax 45XP
 Cuts up to 12mm

Ex GST **Inc GST**
\$40,350.00 **\$44,385.00**



ORDER CODE:	P9035
MODEL:	Swift-Cut 3000DD MK4
Cutting Table Capacity (mm):	3000 x 1500
Dynamic Cut Control (DCC):	~
Thickness Cutting Capacity - Mild Steel (mm):	12
Plasma Cutting Unit:	Hyperth. Powermax 45XP
Current Output (amp):	10 - 45
Duty Cycle (Typical):	50% @ 45A & 100% @ 32A
Fume Management (Type):	Downdraft System
Cutting Gas (Type):	Air or Nitrogen
Plasma Unit Input Voltage (V):	240V - 415V with Neutral
Plasma Unit Input Amperage (amp):	30
Shipping Dimensions (L x W x H) (cm):	367 x 236 x 150
Nett Weight (kg):	1400



Description

Cutting area – 3000 x 1500mm

With a 3000 x 1500mm 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. This table, with its robust steel frame and free standing operators console, is 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 3000 really is the answer to all your cutting needs.

Our supreme build quality and unique to Swift-Cut operating software allows you to:

- Cut all metals: stainless and mild steel, aluminium, copper, brass, zinc etc.
- Cut thicknesses from 0.5mm to 25mm (Depending on Plasma selected)
- Deliver excellent cut quality

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)

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- All of the Standard version features
- Multiple simultaneous DXF import
- Automatic part in part nesting for best sheet utilisation
- 3D cutting simulation

Features

- Downdraft extraction table for efficient control of sparks and fumes (Requires extraction system)
- Dropped rails for ease of loading full sheets
- Gantry parking to allow full sheet to be loaded overhead
- Heavy duty steel construction with durable paint finish
- Linear guideways for fast accurate motion
- High speed axis motors with closed loop feedback (encoder) for accuracy and reliability
- Dual drive Y-axis
- Rack and pinion drive system
- Breakaway head eliminates damage to torch and improves safety
- Laser guide for easy sheet positioning
- 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 Hypertherm Powermax models, 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

OPERATORS PANEL:

- Free-Standing Operators Console
- LCD TOUCHSCREEN control monitor
- Built in controller with dual CPU
- Wireless keyboard and mouse
- E-Stop safety button
- External USB and network port for transfer of files and network connection
- Easy access for maintenance

Optional Accessories

- MACHINE UPGRADES:
- Swift-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 Swiftcam software upgrade

Specific Features



P9035



Top Left View



Freestanding Console Close Up



Plasma Gantry

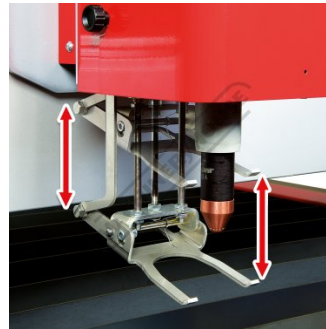
Product Brochure For P9035



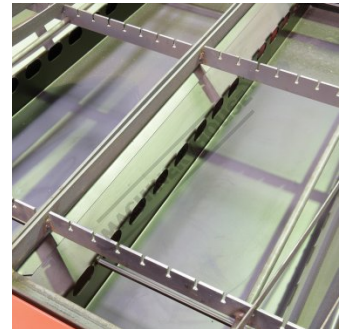
Plasma Gantry Linear Guideways



Gantry Arm Linear Guideways Close Up



Soft Sense Torch Height Control



Downdraft Table Vent Ports



Downdraft Table Exhaust Chute



Enclosed Cable Management Close Up



Fork Access Side



HYPER THERM Powermax 45XP



HYPER THERM Powermax 45XP Left View

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Recommended Accessories

W2720

Laser & Plasma Machine
 Filtration System



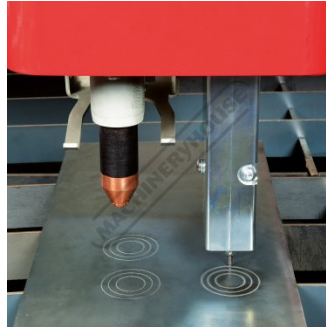
P9056

SwiftCAM Advanced Software
 Upgrade



P9063

Swift-Marker Unit



C525

Industrial Pilot Air Compressor



C545

Refrigerated Air Dryer



P837

Hypertherm 30-105A Electrode



P838

Hypertherm 45A Nozzle



P842

Hypertherm FineCut Only
 Nozzle



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P843
 Hypertherm 45-85A Swirl Ring



P845
 Hypertherm 45-85A Shield



P847
 Hypertherm 45-105A Deflector



P848
 Hypertherm 65-105A Retaining Cap



AP0007
 Hypertherm O-Ring Lube - Suits
 all O-Rings



AP0009
 Hypertherm O-Ring



P8081
 Hypertherm Eliminator Filter -
 Replacement filter element

