



**Showroom:** 123 Bluestone Circuit  
 Seventeen Mile Rocks, Qld 4073  
**Postal:** P.O. Box 3205 Darra, Qld 4076  
**Tel:** 07 3279 3344  
**Email:** [sales@completemachinetools.com.au](mailto:sales@completemachinetools.com.au)  
**Website:** [www.completemachinetools.com.au](http://www.completemachinetools.com.au)  
**ABN:** 64 081 016 668 **ACN:** 08 086 912

**NEW LINIA CNC PLASMA CUTTER**



*Please be aware that all pictures used in this quote are examples for your own convenience, effective configurations may vary.*

**FEATURES**

- Hypertherm 125Amp Air Plasma
- Panasonic servo motor & drives (X, Y, Z Axes)
- FastCAM professional offline software
- Built-in dust extraction fan
- X axis dual side drives with Panasonic servo motors
- Pull out scrap trays on side of machine
- Automatic torch height control
- Starfire 10" screen controller
- Transfer balls on table top for ease of material handling
- E-stop on control cabinet and both sides of Y axis bridge
- Dual rack & pinion driven
- Safety guards on drive components
- Dust covers on slideways
- **ALSO AVAILABLE OPTIONALLY WITH Drilling Head Attachment**

### FASTCAM SOFTWARE

FastCAM is designed to draw, nest & cut metal as simply and efficiently as possible. Draw, Path, Nest and cut from the one system or use with your existing design system for independent post processing and nesting.

Easy Editing & Verification of geometry combined with one step nesting makes the system instantly productive

FastCAM's long experience in heavy plate fabrication makes the system ideal for even the largest construction jobs.

Used successfully in service centers, shipbuilding, mining, steel fabrication, metal fabrication & sign cutting.

### HIGHLIGHTS

- Purpose built for metal processing & profiling
- Integrated 2D drawing system and post processor with full CAD compatibility
- Fast & easy learning curve
- Optimized NC code with 40+ controller combinations
- Multi-language support
- Microsoft Windows based
- Input DXF, IGES, DSTV, StruCAD, DWG & PDF files
- Output (Fast)CAM, DXF, IGES & NC Code
- Reverse engineer existing CNC files back to geometry- CAM/DXF
- Secondary process support-Drilling, Marking etc
- CAD import cleans & compresses code ready for quality cutting
- DXF layer support for different processes
- Multi-torch & high-def plasma support
- LOCAL SUPPORT – FastCAM Asia Pacific Office is located in Middle Park, Victoria 3206

### FASTCAM PROFESSIONAL

1. Full Shape, Full Auto Nesting, Multi Plate, Multi Input, Multi Output. Automatic 'everything' Ability to move pierce function before and after nesting.
2. Includes FastCAM Drawing Editor, FastPLOT FastPATH, FastNEST Fully automatic and (bulk) CAD smart tools
3. Complete NC programming system. Tackle any job with precision and speed!

### SOFTWARE TRAINING

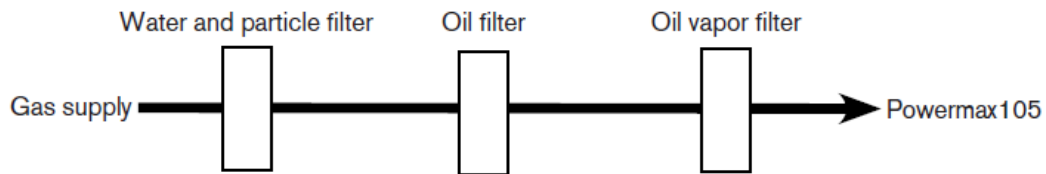
***Includes 4 hours web-based training with FastCAM free of charge.***



**CUSTOMER TO PROVIDE THE FOLLOWING ITEMS (unless otherwise specified) :**

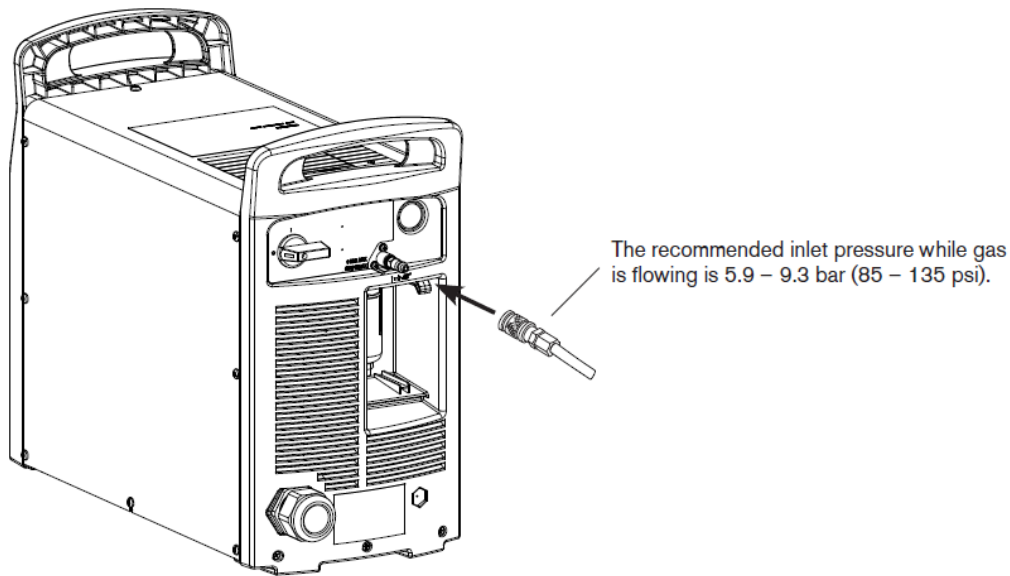
**Compressed Air Supply**

99.9% dry, oil free air supply at a minimum of 18-20 cfm x 85 PSI



**Connect the gas supply**

Connect the gas supply to the power supply using an inert-gas hose with a 9.5 mm (3/8 inch) internal diameter and a 1/4 NPT quick-disconnect coupler, or a 1/4 NPT x G-1/4 BSPP (CE units) quick-disconnect coupler.



**Minimum inlet pressure (while gas is flowing)**

This table shows the minimum required inlet pressure when the recommended inlet pressure is not available.

	Torch lead length		
	7.6 m (25 ft)	15.2 m (50 ft)	22.9 m (75 ft)
Cutting	5.2 bar (75 psi)	5.5 bar (80 psi)	5.9 bar (85 psi)
Gouging	4.1 bar (60 psi)	4.5 bar (65 psi)	4.8 bar (70 psi)

**Gas flow rates**

Cutting	220 slpm (460 scfh, 7.7 scfm) at a minimum 5.9 bar (85 psi)
Gouging	230 slpm (480 scfh, 8.0 scfm) at a minimum 4.8 bar (70 psi)



**CUSTOMER TO PROVIDE THE FOLLOWING ITEMS (unless otherwise specified) :****Electrical power to the machine & plasma unit:**

2 x 15 Amp single phase 240VAC outlet (air drier plus a spare outlet)

1 x 50 Amp motor start circuit breaker to plasma (max load 46Amps)

The cabling to the plasma power supply should be hard wired through an isolating switch.

Detachable plug can be used but is not necessary.

**Wire sizes:**

400V CE

Input voltage 400 (VAC) 3 Phase

10mm<sup>2</sup>

**Cutting machine power supply & communication:**

Single phase 15 amp dedicated supply single GPO

Ground rod at the machine or availability of suitable building structure linked to the building earth.

**Air Supply to the machine**

The plasma power supply requires air supplied 99% dry & oil free in order to achieve maximum consumable life and to avoid damage to the torch from moisture which accumulates in air supply lines.

The air supply must be capable of supplying 99% dry, oil free air at a minimum of 18CFM at a pressure of no less than 85psi.



Air compressors, driers & filters are not supplied with the machine.

**Exhaust Ducting & Dust Collection**

Exhaust duct is to be quoted/manufactured/installed by others when the machine installation position is determined. The fumes from a plasma cutting machine are injurious to your health.

A dust collection system may be required by state or local government regulations.

This is to the customers care and attention.

**PC & printer to operate the FASTCAM program:**

Standard type windows computer and laser or ink jet printer.

This equipment is not supplied with the machine.