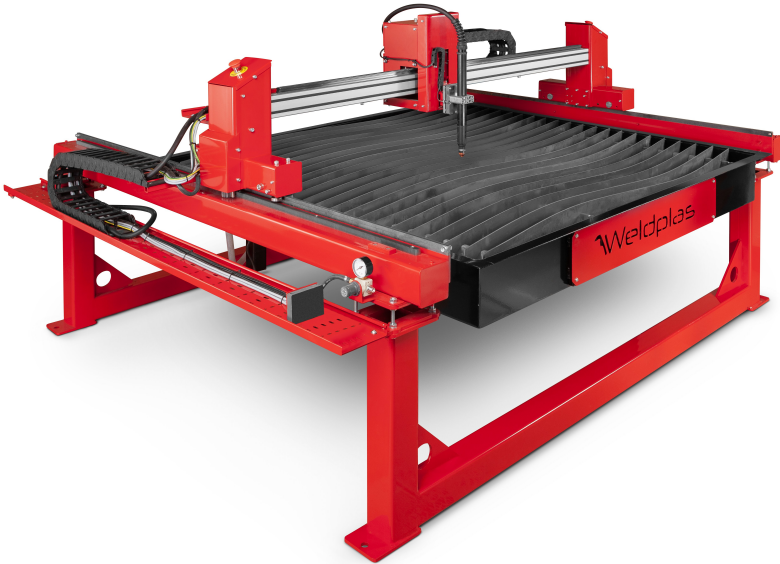


TECHSERV

Weldplas CNC Cutting Machine



The Weldplas CNC cutting table is a versatile plasma and gas machine that is ideal for everyday industrial plasma cutting applications.

The Weldplas can plasma cut from 1mm to 32mm thick. This is increased up to 100mm thick for mild steel when the CNC machine is fitted with an optional gas cutting head. It can be paired with single phase or three phase plasma packs, and the integral watertray provides an effective method of fume capture.

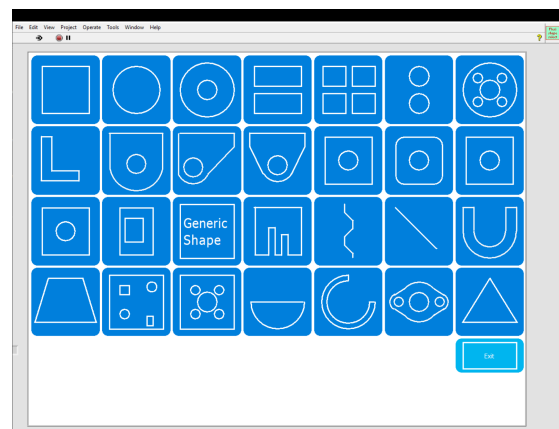
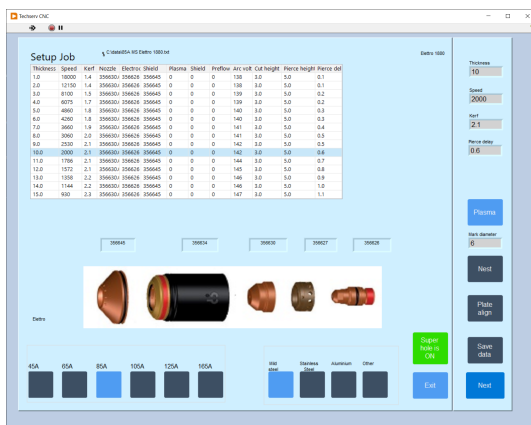
Setting up a gas cutting head can be challenging for new operators so our automatic system uses a proportional gas pressure valve to adjust the preheat and cut oxygen pressure. The system will automatically set the preheat time and pressure with a teachable facility for use with a cold or hot plate. The system will perform a cut ramp on thicker steel, gradually increasing the pressure and speed of the cut during the pierce cycle. This reduces the risk of blowback blocking the cutting nozzle.

The separate cutting bed is floor mounted to give the maximum versatility for any CNC machine. The bed can be adapted to suit many cutting applications, such as cutting very thick slab material or positioning a digger bucket directly under the machine for cutting. In addition, a modified bed can be fitted to allow the cutting of large box sections.

Its heavy-duty box section frame and mild steel rails make the Weldplas a robust plasma and gas cutting machine. It's suitable for the harshest of environments, including heavy fabrication shops, shipyards and steel mills.

Industries

- Steel Buildings
- General Fabrication
- Development Work
- Maintenance and Repair



<https://techserv.co.uk/learn/techserv-software/>

Flexi-Shape Library

The Techserv CNC system is packed with features and very easy to use via the intuitive touch screen interface. Powered by a conventional Windows 11 PC the need for expensive future upgrades are eliminated, all software is available from our download site with only several small files containing the machines set-up data. Remote assistance is available free of charge, even when out of the warranty period.

Weldplas CNC Cutting Machine

Weldplas Specifications	
Cutting Area Size	1.5m x 1.5m
	1.5m x 3.0m
Fume Control	Waterbed
Maximum Load Weight	1500 KG
Maximum Plasma Torch	1
Maximum Oxy-Fuel Torch	1
Line Scanner	Optional
Plasma Process	Cutting & Marking
CNC	Techserv CNC Windows 11 based touch sreen with remote support
Software	Techserv CAM Software
WiFi	Yes. Remote Support Available (Via TeamViewer)
Computer	Dell Windows 11 system. Interface ports 4 x USB plus ethernet
Plasma Cutting Range	1-32mm (Plasma Power Source Dependant)
Oxy-Fuel Cutting Range	10-100mm (Mild Steel)
Maximum Travel Speed	15,000 mm/min
Drive System	Trio motion control with stepper motors
Weldplas Warranty	2 Years



techserv.co.uk

TECHSERV