

TECHSERV

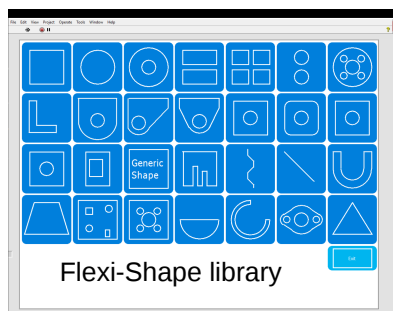
Weldplas HS4000 Heavy-Duty CNC Multi-Process Cutting Machine



The Weldplas HS4000 plasma cutting machine is manufactured in Great Britain and designed with the highest performance and ease of operation in mind. This multi-process machine has the capacity to be fitted with multiple Plasma & Oxy-Fuel cutting heads. This system can be manufactured with various bespoke cutting areas all fitted with sectional downdraft cutting beds.



The plasma process differs from conventional machine tools as there is no reaction force from the plasma jet as would be seen with, for example, a milling cutter. With that in mind we designed our HS4000 machine to be very stiff but with a low mass to improve the cutting of intricate profile features such as small holes. The result is a wholly aluminium chassis with hardened and ground linear slide ways, economically sized AC brushless motors combined with precision planetary gearboxes. The resultant machine looks elegant, performs very well and is easy to maintain.



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

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.



Plasma torch & Oxy-Fuel head mounted on separate torch posts

Weldplas HS4000

Heavy-Duty CNC Multi-Process Cutting Machine

Weldplas HS 4000 Specifications	
Cutting Width	1.5m -6m
Cutting Length	3m - 30m
Maximum Plasma Torch	3
Maximum Oxy-Fuel Torch	8
Available Plasma Systems	Cebora Prof HQC 180 (30mm)
	Cebora Prof HQC 300 (50mm)
	Hypertherm MaxPro200 (32mm)
Plasma Process	Cutting & Marking (MaxPro cutting only)
Gas Console Options	PGC-D Manual gas
	APGC Auto gas
	WSC Automatic Water Secondary Console (for non ferrous material)
Plasma Cutting Range	3-50mm
Oxy-Fuel Cutting Range	10 - 150mm
CNC	Techserv CNC Windows 11 based touch screen with remote support
Maximum Travel Speed	20000 mm/min
Drive system	Trio Ethercat motion control with AC brushless servo motors
HS 4000 Warranty	Up to 3 years parts and labour



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