

HS 4020

Multi Process Cutting Machine

The HS 4020 machine is the ideal solution for gas and plasma cutting, utilising the latest Hi Precision and compressed air plasma systems.

The Hs4020 can cut sheet steel from 1 to 200 mm thick, 2.5 metres wide and upto 12 metres long.

The Techserv CNC system is easy to operate and the comprehensive built in shape library simplifies everyday cutting.



Techserv



Specification:

Plate widths	1,500 x 2,500 mm
Plate length	3,000 to 12,000 mm long
Speed	50 to 20,000mm / min
Drives	Three axis Brushless Rack and pinion drive throughout
Controller	Techserv PC based CNC Standalone control pedestal
Plasma Units	Up to 260 Amp systems
Height sense	Automatic voltage height control & initial height sense as standard
Plate marking	Pen and drill marking options
Optical scanner	Follows line drawn shapes
Extraction	Fan and filter units are available

Profile cutting machine specialists



Techserv – High quality products
designed and built in Britain

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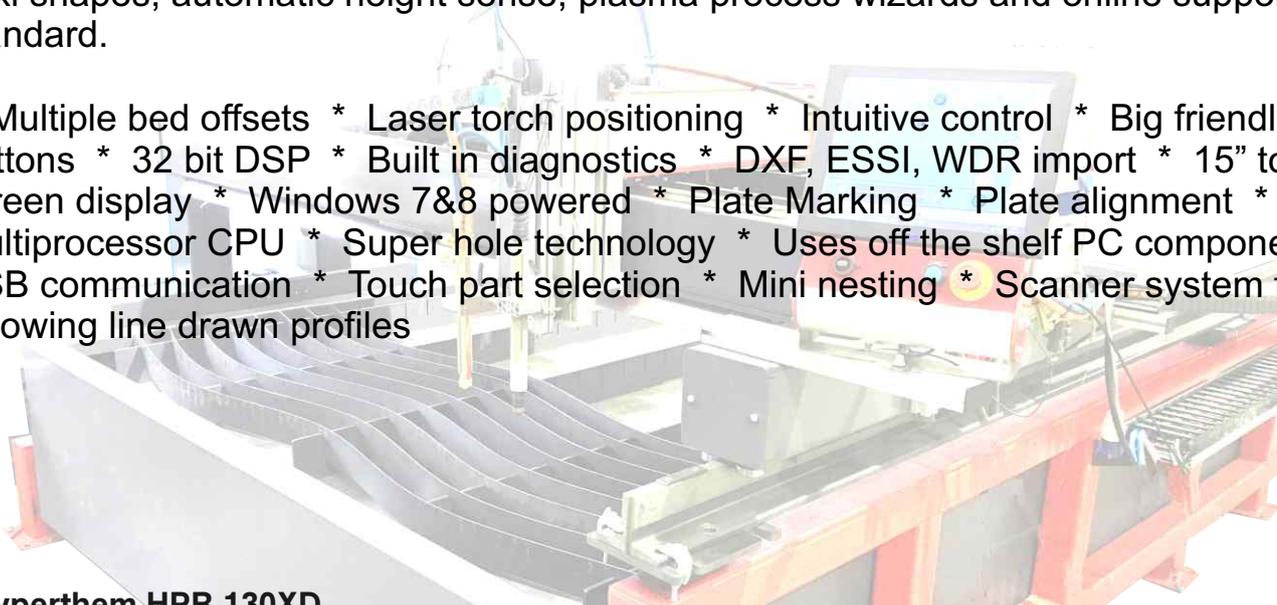
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The HS4020 is a high performance, highly accurate plasma precision cutting system at an unbeatable price.

Modern manufacturing methods and high quality components are combined in the HS4020 to create a plasma machine with outstanding performance. Featuring brushless servo motors and high quality planetary gearboxes mounted on pneumatically sprung linear slide mounts for perfect meshing into the rack and pinion drives. Linear slides are used on all axis giving the HS4020 the precision for both conventional and high precision plasma cutting.

The HS4020 machine comes complete with the Techserv CNC system as standard. Sophisticated but simple to use, the pc based touch screen controller includes built in flexi shapes, automatic height sense, plasma process wizards and online support as standard.

- * Multiple bed offsets
- * Laser torch positioning
- * Intuitive control
- * Big friendly buttons
- * 32 bit DSP
- * Built in diagnostics
- * DXF, ESSI, WDR import
- * 15" touch screen display
- * Windows 7&8 powered
- * Plate Marking
- * Plate alignment
- * Multiprocessor CPU
- * Super hole technology
- * Uses off the shelf PC components
- * USB communication
- * Touch part selection
- * Mini nesting
- * Scanner system for following line drawn profiles



Hyperthem HPR 130XD

Hyperformance Plasma cuts fine-feature parts with superior quality and consistency, eliminating the cost of secondary operations.

Maximum pierce of 32 mm mild steel.

Hyperthem Powermax series

The Powermax range of plasma packs offer superior cut quality and reliability throughout the range of systems.



Powermax 45

Production Cut

10 mm

Piercing

12 mm

Powermax 105

Production Cut

20 mm

Maximum Piercing

22 mm

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