



40-EPSILON SERIES

PRECISION - PERFORMANCE



Available sizes:

5' x 10'

6' x 12'

5' x 20'

6' x 20'

The Epsilon Series is a unitized bed precision cutting machine, Designed to for high speed and high production with repeatability and accuracy. Powerfull digital AC drives with 1500 watts of power. A ridged gantry made of 4"x 4" x .250" steel tubing welded, stress relieved and machined. This gantry can support up to 3 plasma processes with rapids up to 1200 ipm, cutting speeds of up to 300 ipm. The Epsilon Series comes as fully loaded machine with few options, Other competitor machines offer our standard features as options but they are options you really need to make a machine of this caliber really work . Heavy steel frame to support the gantry with pull out drawers to retriive parts and make clean out easy. Zoned and ducted for smoke removal. Made in the USA.

Specifications

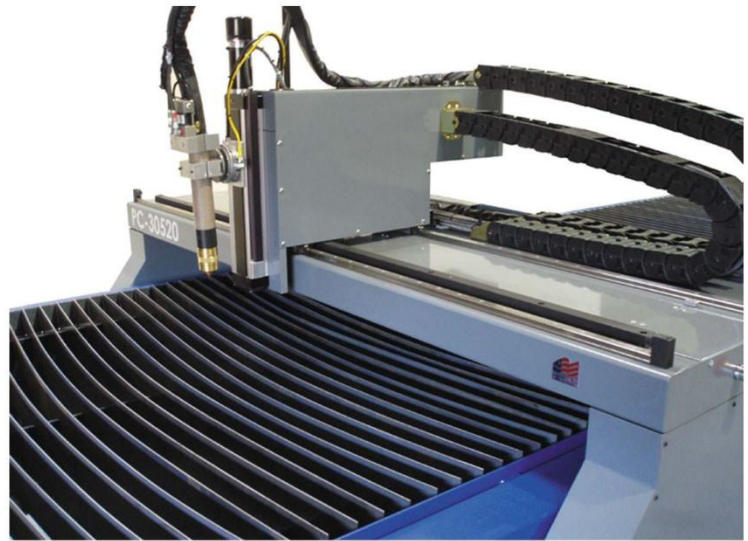
Rapid speed 1200 ipm AC drive
Low speed 5 ipm
Position Accuracy +/- .006
Repeatability +/- .005"
Maximum Stations 3
Parking Area 40"
Power Requirements: 115 VAC AC drives or
230 VAC AC drives

Optional Features

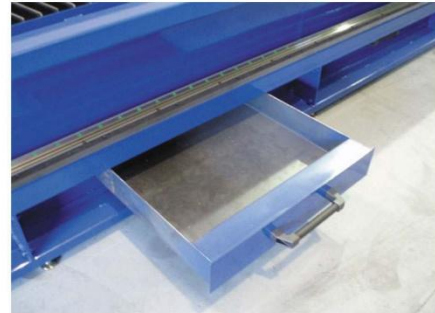
Hypertherm HPR130XD
Hypertherm HPR260XD
Downdraft dust collectors
Anver Plate lifters

Standard Features

- Linear rails on X and Y axis
- Precision planetary gear boxes
- 1500w AC servo drive systems
- THC on all models
- 6500 LB table capacity
- Ducted zoned tables with 12" outlet
- Modular Control System
- Hypertherm Edge Pro or Micro Edge Sensor THC integrated with control
- Air torch Brake-away to protect torch
- Hypertherm HPR130XD Standard
- Microsoft Windows® Xp operating system
- Dual Microprocessors, one for Windows and one for motion
- 15.1" TFT SVGA High resolution monitor with touch screen
- 20 Gigabyte Hard drive or larger
- 1GB Memory
- Acoustic wave Touchscreen
- Network card with RJ45 connector
- RS-232 9-Pin D-sub connector
- DXF converter
- Nesting Software
- Two Year Warranty on Control
- Feed rate control
- Multi home locations
- EIA code reader
- Micro cad
- Realtime motion display
- Integrated Operator control (soft panel)
- E-Stops on control and gantry
- Heavy steel welded construction
- Machined after welding
- Stress relieved weldments
- Rack and Pinion drive
- 22" deep table
- USB port
- Automatic text marking



Some options shown



Pull out drawers



Hypertherm HPR130XD
With Auto Gas Standard

