

LIGHTNING D



Compact and cost effective precision cutting

Esprit Lightning D machines cover a wide range of applications and produce high quality accurate components in virtually all metals. Manufactured as a single fabricated structure with machined mounting and alignment faces, the Lightning D has an integral segmented fume extraction cutting table. Lightning D machines can be specified with a range of Hypertherm plasma cutting systems including HyPerformance HPR130XD, HSD130, MAXPRO200 and the full range of Powermax plasma cutting systems.

Available in a range of sizes from 3 m x 1.5 m up to 6.5 m x 2 m, the flexible Lightning D offers precision cutting and high productivity. The Lightning D machines have hardened and ground linear bearings in both axes and are available with either pneumatic plate-rider or precision arc-voltage torch height controls dependent upon the application. All have Hypertherm EDGE Pro CNC and digital AC brushless drive systems for smooth accurate cutting from gauge to 25 mm.

- One Piece Machined & Fabricated Frame = Stable & Accurate
- Compact Design = Small Footprint
- Range of Standard Sizes up to 8 m x 2 m = Flexible
- Machine Tool Grade Linear Bearings in All Axes = Smooth Motion
- Integral Segmented Cutting Table = Clean Working Environment
- Integral Cable Chain Handling System = Long Term Reliability
- Laser Pen Pointer for Plate Positioning & Alignment = Easy Set Up
- Powerful AC Brushless Drives = High Dynamic Performance
- Direct Drive Rack & Pinion Transmissions = Accuracy & Repeatability
- Ball Screw Digital or Plate Rider Torch Height Control = Best Cut Quality
- Magnetic Torch Collision Protection = Longer Torch Life
- Powerful Hypertherm Windows Based CNC = Ease of Use
- 15" Colour Touch Screen Display & Wizards = Ease of Use
- Hypertherm True Hole Capable = The Best Plasma Cut Holes
- Hypertherm Rapid Part Technology Enabled = Automatic Productivity Increases
- Hypertherm Consumable Optimisation = Up to 3x Longer Consumable Life
- Remote Diagnostic Capability = Rapid Fault Identification

