

# LIGHTNING S

## Precision plasma and flame cutting

The Esprit Lightning S machines have an innovative linked rail design which delivers high machine stability. Extensive engineering development has produced a machine which delivers high quality and productivity not normally associated with rail based machines. The heavy duty machined fabrications combine with precision linear guidance, direct rack and pinion transmissions and digital brushless drives to give smooth, precise motion for the best cut quality.

The Lightning S is optimised for precision plasma cutting up to 400 A and can be fitted with up to six oxy-fuel flame cutting torches and a range of marking options. Cutting sizes can be specified from 3 m x 1.5 m up to 20 m x 3 m wide. Integrated safety features such as the sliding safety system and spark screens ensure operator safety.

- Precision Fabricated & Machined Design = Robust Machine
- Multiple Plasma/Flame Cutting Torches = Maximum Productivity
- Range of Sizes to Suit Many Applications = Flexible
- Linked Rail System = High Machine Rigidity
- Machine Shipped on Base Rail Set = Quick Installation
- Low Level Precision Rails = High Stability & Accessibility
- Integrated Cable Chain Handling = Reduced Tripping Hazards
- Unique Perimeter Safety System = Safe Working Area
- 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 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



≤400 A

Flame

Mark

