ESPRIT ARROW CNC PLASMA CUTTING MACHINE (EPC-ARROW)

- Heavy Duty Fully Welded Construction
- Compact Design. Agile Performance
- 3000mm x 1500mm x 807mm Cutting Area
- 3.0mm Capacity Mild Steel
- Maximum Traversing Speed: 28 m/min
- Integral Dust & Fume Collector
- Extraction Outlet: 233 mm x 60 mm
- Compatible with a Decoiler
- Dual Side Drive System in X Axis
- Direct Rack & Pinion Drive System in Y Axis
- Precision Hardened & Ground Linear Bearings in Both Axes
- Pneumatic Plate Rider Torch Height Control
- Integral Cable Chain Handling
- Hypertherm EDGE Connect Touch Screen CNC Controller
- Hypertherm Powermax45 XP Plasma Arc Cutting System
- Ethernet Communications
- 230 V, 50Hz, Single Phase Electrics

ESPRIT ARROW PLASMA CUTTER (EPC-ARROW) combines the latest in machine and plasma cutting technology in a compact package. The Arrow offers the best price/performance ratio in its class and gives even the smallest workshops access to the latest CNC plasma cutting technology. This machine is a compact HVAC duct cutting machine with a cutting area of 3 m x 1.5 m and is designed and engineered to the same high standard as all other Esprit machines. The Arrow can handle all standard sheet sizes and is the clear choice for HVAC ductwork, general sheet metalwork, and, light fabrication applications.

SPECIFICATIONS					
Model:	Cutting Area:	Maximum Loading Capacity:	Maximum Traversing Speed:		Extraction Outlet Size:
EPC-ARROW	3000mm x 1500mm x 807mm (l x w x h)	3.0mm Mild Steel Plate	28m/min		233mm Diameter x 60mm
Power:	Supply Voltage:	Length:	Width:	Height:	Weight (apx):
0.4kVA	230v, Single Phase, 50Hz	4500mm	2240mm	1707mm	1150kg

DETAILED SPECIFICATION

HYPERTHERM EDGE CONNECT TOUCH SCREEN CNC

- Advanced CNC with 19″ Touch Screen with Projected Capacitive Glass Display
- Microsoft Windows® 10 (Embedded)
- Hypertherm Phoenix Version 10 Software
- On-Screen Software Operator Console
- Solid State Hard Drive
- 2 x USB 2.0 Ports
- Ethernet Communications
- Comprehensive Standard Shape Library
- Software Utilities: Automatic Plate Alignment, Part Scaling / Mirroring / Rotation, Program Editing
- Remote Help Capability (internet connection required)

MASTER TORCH CARRIAGE EQUIPPED WITH:

Plate Rider Plasma Torch Height Control System comprising of:
- Pneumatic Torch Suspension with Linear Bearing Guides
- Roller Ball Dish for high-speed sheet metal cutting
- Pneumatic Fibre-Tip Pen Marking Unit

HYPERTHERM POWERMAX45 XP PLASMA ARC CUTTING SYSTEM

- Cutting Process Range: 30-45 A
- Cutting Capacity: 12 mm production pierce
- Plasma Gases: Air
- Full Machine Torch, Leads and Hose Package
- Machine Interface Cabling
- 400 V, 50 Hz, 3 Phase Power Requirement
- Consumable Starter Kit

ETHERNET COMMUNICATIONS

- 10/100 Ethernet network interface card (NIC) installed in the CNC
- Suitable for connecting to Windows® domain-based or Workgroup-based networks
- Remote Help capability (internet connection required)
- 20 m IP20 Cat5 flexible patch cable supplied
- Installation of cable and connection to your network

OPTIONAL EXTRAS

HYPERTHERM POWERMAX65 SYNC PLASMA ARC CUTTING SYSTEM

- Cutting Process Range: 45-65 A
- Cutting Capacity: 16 mm production pierce
- Plasma Gases: Air
- Full Machine Torch, Leads and Hose Package
- Machine Interface Cabling
- 400 V, 50 Hz, 3 Phase Power Requirement
- Consumable Starter Kit

AUTODESK FABRICATION CAMDUCT CAD/CAM SOFTWARE

- Suitable for Windows® 10 (64-bit only)
- Job Control Module
- Automatic & Interactive Nesting
- Background Upload/Download Module
- DXF Input Module
- Database of Materials
- Comprehensive Ductwork Pattern Libraries
- Hypertherm Automation Post Processor
- Software Security Lock
- 12-Month Software Support Contract
- 2-Day Software Training Course at your Site

DONALDSON S-DFPRO3-SPK FILTRATION SYSTEM

- Suitable for 45-65 A Mild Steel and/or Stainless Steel Cutting
- Automatic Reverse Pulse Cartridge Cleaning
- Flame Retardant Ultra-Web Filter Cartridges
- Pre-Separation of Sparks and Large Debris
- Suitable for Inside or Outside Installation
- Easy Access to Bins
- Ducting not included
- Civil Work not included
- 400 V, 50 Hz, 3 Phase Power Requirement
- Connection to air supply included (if completed during machine