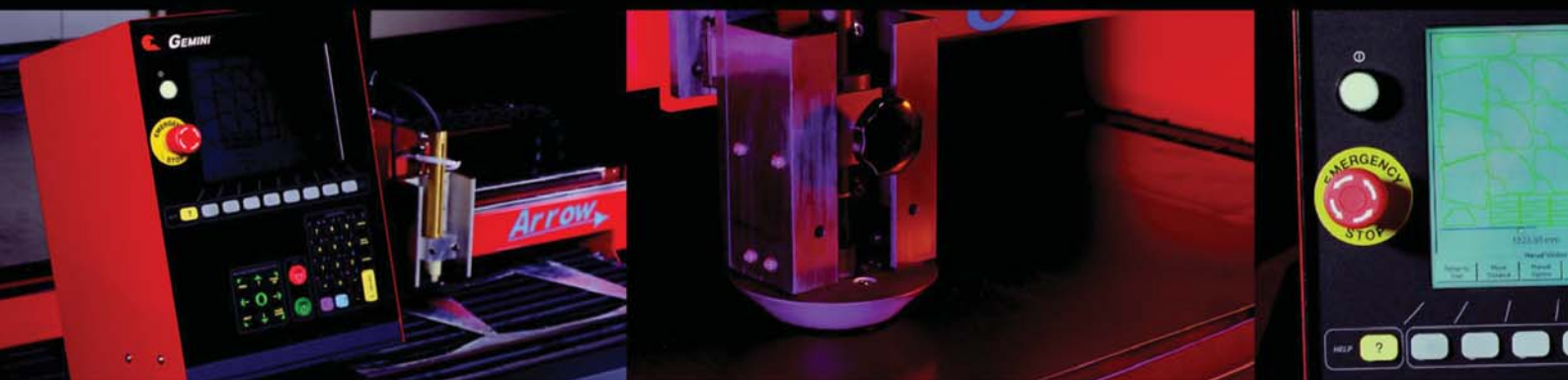


ARROW

CNC PLASMA CUTTING SYSTEMS

- **Strong fully welded & fabricated machine bed**
- **3m x 1.5m (10ft x 5ft) cutting area**
- **Dual side longitudinal drive**
- **Hardened and ground machine tool grade linear bearings in all three axes.**
- **Rack & pinion drive in Y axis**
- **Powerful Windows/Pentium PC based CNC**
- **Full colour high-resolution graphics display**
- **Efficient integral fume-extraction cutting table**
- **High axis speed & acceleration**
- **Choice of plasma cutting units**
- **Drag chain cable/hose handling systems in both axes**
- **Pneumatic plate-rider torch height control for high-speed sheet cutting applications**
- **Choice of CAD/CAM systems to suit all applications**



The Arrow Package

The Esprit Arrow High-speed plasma cutting system combines the latest CNC plasma cutting machine technology in a compact package and offers the best price/performance ratio in its class. Windows/PC based CNC technology along with hardened and ground linear bearings in all axes, twin side longitudinal drive and the latest inverter based plasma cutting units make the Arrow the obvious choice for HVAC ductwork, general sheet-metalwork and light fabrication applications. The machine's small footprint and competitive pricing gives even the smallest shops access to the latest CNC plasma cutting technology.

Advanced PC/Windows CNC Technology

The Paragon family of CNC units are specified across the entire range of the company's thermal cutting machines. The benefits of PC/Windows based CNC technology are well known in the machine tool business and Esprit is the first CNC cutting machine manufacturer to specify this exciting technology across the entire range of machines. High resolution colour graphics, the familiar Windows interface, fast processor speeds and virtually infinite memory storage are just some of the reasons that Windows based CNC's are the preferred choice. Fast DNC communications speed and instantaneous kerf compensation calculation reduce delays in machine set-up.



High speed flexible sheet-metal cutting - will cut virtually any shape

Simple Programming - powerful yet easy to use CAD/CAM solutions

Ideally suited for HVAC - full 3D ductwork fittings library available

Ease to use - PC/Windows based CNC

Simple to install - single piece construction - bolting down not required.

Fits in smallest workshops - compact footprint

Cuts virtually all metals - mild steels, stainless steels, aluminium alloys etc.

Cost effective Solution - enquire today!

Any shape, any metal, fast!



Esprit Automation

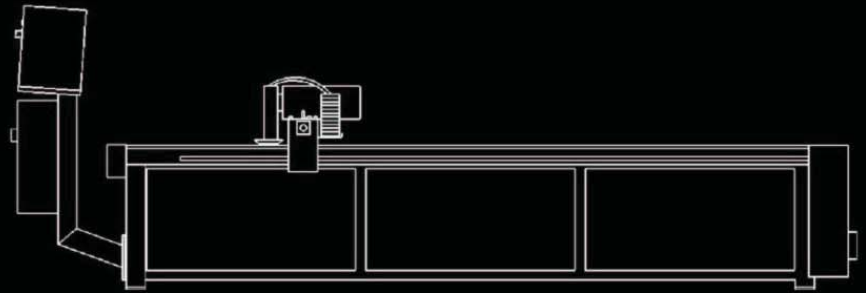
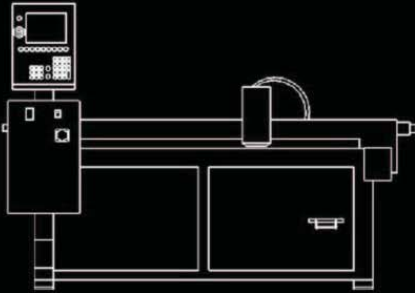
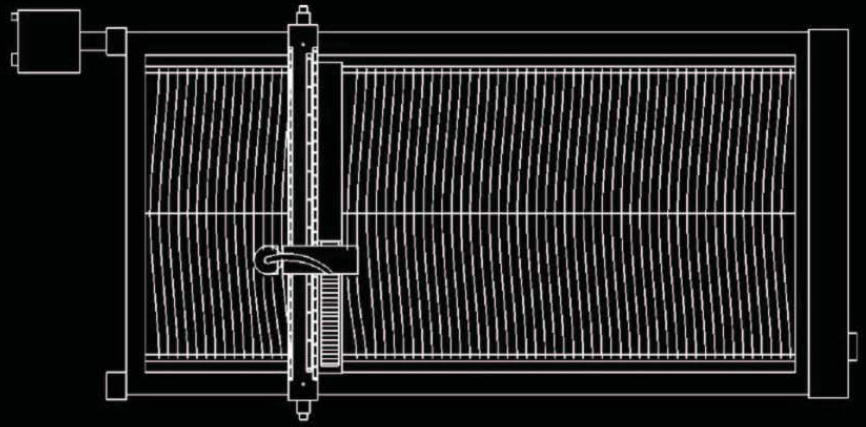
Esprit Automation is a leading world manufacturer of CNC plasma cutting machinery. Based in Nottingham, England the company manufactures a wide range of machines covering the entire breadth of CNC flat-bed plasma and oxy-fuel cutting applications. Working with our partners throughout the world, Esprit offers a full range of solutions. The plasma cutting process is increasingly the selected choice for efficient metal cutting. Customers choose Esprit because Esprit machines offer exceptional productivity and value.



Advanced CAD/CAM Solutions

Esprit offers a number of advanced thermal cutting CAD/CAM systems for use with the machines. The Procut system has been a leading product for well over a decade and the latest Windows versions incorporate state-of-the-art True-shape automatic nesting, a powerful drawing system, high speed DNC communications and the benefit of Esprit's extensive thermal cutting knowledge and experience. The latest specialist software for the development of 3-D ductwork shapes is also available.

Technical Specification



	Metric	Imperial
Cutting Length	3,000mm	10'
Cutting Width	1,500mm	5'
Overall Length	4,400mm	14'6"
Overall Width	2,200mm	7'3"
Overall Height	1,500mm	5'
Maximum Axis Speed	25,000mm/min	1,000ipm
Input Voltage - Machine (1 phase, 50/60Hz)*	110/230V	110/230V
Input Voltage - Plasma (3 phase, 50/60Hz)*	380/415V or 240/480V	380/415V or 240/480V

*Other voltages etc. are available - please enquire. All values are approximate and are subject to change without notice. The Company reserves the right to make technical modifications and improvements without notice.



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