

### DESIGN SPECIFICATIONS

Nominal Cut Width	As per machine denomination (e.g. Cobra 1500 = 1,500 mm)
Nominal Cut Length	Variable in 1,000 mm increments
Rail Length	Nominal Cut Length + 1,339 mm
Overall Width	Nominal Cut Width + 1,351 mm
Overall Length	Nominal Cut Length + 1,576 mm
Overall Height	1,841 mm
Maximum Traversing Speed	20 m/min

### WEIGHT (kg)

	Cobra 1500	Cobra 2000	Cobra 2500	Cobra 3000
Profile Cutting System	730	770	815	875
Additional Slave Carriage			35	
2 m Rail Extension			140	
4 m Rail Extension			280	
4.3 m Rail Section			335	
5.3 m Rail Section			435	

### POWER REQUIREMENTS

Input Voltage (U <sub>1</sub> )	230 V / 1 Ph / 50 Hz / Earth / Neutral
Input Current (I <sub>1</sub> )	3 – 5 A
Input Power (U <sub>1</sub> x I <sub>1</sub> x √3)	0.7 – 1.2 kVA
Recommended Fuse Size	16 A
Recommended Cable Size	2.5 mm <sup>2</sup> 3 core SY Control Flexible Cable



#### INFO

Information included on this datasheet is for standard ESPRIT Cobra installations, i.e. Single Plasma Arc Cutting Systems. For larger systems, complex installations or refurbished machines, contact the ESPRIT Engineering Department for details.

A space of at least 500 mm is recommended between the system and any obstruction for safety and to allow proper access for maintenance. The floor must be made from concrete at least 150 mm thick and be firm and level to within ±15 mm over the length of the machine.

Actual cut width is dependent on the configuration and number of torch carriages fitted to the system. Additional carriages will reduce cut width. Contact the ESPRIT Engineering Department for details.

