» CNC Plasma Cutter

The robust start up plasma to meet all your cutting needs

DESIGN SPECIFICATIONS

	Scorpius X (3 x 1.5) – Downdraft Table	Scorpius Q (3 x 1.5) – Water Table
Nominal Sheet Size	3,000 x 1,500 mm	
Max. Cut Length (x)	3,050 mm	
Max. Cut Width (y)	1,550 mm	
Max. Cut Height (z)	100 mm	
Table Height	750 mm	
Max. Workpiece Weight	1,770 kg	
Max. X-Y Vector Speed	15 m/min	
Machine Access	Front / Side	
Gantry Clearance	115 mm	
Max. Cut Capacity of Box Section	100 mm	
Input Air Pressure	6 bar (1)	
CAD/CAM (Procut Professional)	✓	
Pneumatic Engraver	Optional	
Extraction System Required	✓	×
Overall Weight (2)	± 1700 kg	± 1500 kg + Cutting Fluid (± 920 L)

POWER SPECIFICATIONS

	Scorpius X & Q
Input Voltage	230 V - 1 Ph - 50 Hz / Earth / Neutral
Input Current	1.7 A
Input Power	0.4 kVA
Recommended Protection	16 A
Recommended Cable Size	2.5 mm^2 Core SY Control Flexible Cable

SOURCE SPECIFICATIONS

	45A	65A	85A	105A	125A	200A
Carbon Steel Max. mm	12 (25 (3))	16 (25 (3))	20 (30 (3))	22 (40 (3))	25 (40 (3))	32 (50 (3))
Stainless Steel Max.	12 (20 (3))	12 (20 (3))	16 (25 (3))	20 (32 (3))	20 (40 (3))	25 (50 (3))
Aluminium Max. mm	10 (16 (3))	12 (20 (3))	16 (25 (3))	20 (32 (3))	25 (40 (3))	32 (38 (3))

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MACHINE DIMENSIONS

	Scorpius Q & X
Overall Length	3,910 mm + Free standing CNC console
Overall Width [4]	2,153 mm
Overall Height [5]	1,570-2,188 mm
Height of table	750mm
Overall CNC Console Height	1,680 mm

INFO

[1] Plasma source not included.

[2] Weight shown is for the machine only (filter and plasma source not included).

[3] For severance cutting only.

[4] Width shown is for the machine only (filter and plasma source not included).

[5] Height depends on respective filtration system (for downdraft table).

A space of at least 750 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.

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