

PLAZMA POWER SOURCE

Technical Data	Z 20	Z 40	Z 60	Z 75	Z 100S	Z 100-D
Input Voltage (V)	415, 50 Hz	415, 50 Hz	415, 50 Hz	415, 50 Hz	415, 50 Hz	415, 50 Hz
Input Current (Amp)	25	40	60	75	95	140
Cutting Capacity (mm)	20	40	60	75	100	100
Torch Cooling	Water	Water	Water	Water	Water	Water
Input Power (Kw)	15	27.7	41.5	52	96.8	96.8
O/P Current (Amps)	60	60/100	100/150	100/200	200/400	200/400
Duty Cycle @ 40°ambient	60%	100%	100%	100%	100/40%	100%
Type of Arc Strike	Pilot Arc	Pilot Arc	Pilot Arc	Pilot Arc	Pilot Arc	Pilot Arc
Air / N2 Pressure (Bar)	8	8	8	8	8	8
Weight (Kg)	140	260	320	380	425	700

Values are indicative and may alter due to site conditions. Continuous R&D result in constant specification changes. Refer to Specs chart for details.
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Trolley cutting with Plazma C³: Plazma c3 mounted on a trolley cut every stainless steel plate manufactured in India! Simple straight cutting trolleys achieve 3 shifts continuous production. Here, the first cut be a bevel, for weld edge preparation; saving both material and time.

Plazma C³ SPM's: We study your requirements and build intergrated Special Purpose Machines (SPM's) to increase youre workshop throughput. These SPM's are built from standard reliable and easily serviceable components.



80 mm stainless steel cutting on circle cutting trolley

The next step- "Roboplazma" with laser like cutting at a fraction of the cost.



Plazma C³

common sense cost cutting



Our focus is Plazma Technology made simple yet world-class! The US and worldwide patented Plazma torch technology combined with a rugged non-electronic power source presents the most reliable metals cutting tool.

At the core a virtually indestructible, compact, water cooled Plazma torch entirely of stainless steel; with just two main consumables, electrode and nozzle, which provide the best cutting economics. A Plazma cut edge is virtually slag free, with minimal heating or distortion. The microstructure shows minimal change ensuring absolutely no post processing problems.

Handcutting with Plazma C³: extremely compact hand cutting from 1mm to 75 mm thickness provide capacity, reliability, ruggedness, economics and job repeatability in continuous production. Very few torches in the world can achieve this.

Profiler cutting with Plazma C³: Mounted on simple magnetic template profiles Plazma C3 is capable of cutting wide range of profiles. For e.g. at a customer, an extermely thin ring (12 mm thick X 20 mm Wide) is cut at 4 different places with job repeatabily of +/- 0.5 mm in continous production with very low heat distortion. The amazing part is that it is done on a template profiler 3 shifts a day every day for several years!

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