



TECHNICAL PARAMETERS

Model	CUT - 120
Technology	IGBT MODULE
V / PH / HZ	415V / 3Ph / 50Hz ± 2%
Input Regular Working Voltage	415V ± 10%
Insulation Class / Protection Class	H / IP21S
Max. Input Power	25.7 KW
Max. Input Current	29 Amp
No Load Current	0.24 Amp
Current Range	21 - 120 Amp
Output Current @100% Duty Cycle	92 Amp
Output Current @60% Duty Cycle	120 Amp
KVA @100% Duty Cycle	10.2 KVA
KVA @60% Duty Cycle	17 KVA
Cooling Type	Forced Air
Power Factor / Efficiency	Max 0.95 / 85%
Quality / Fine Cut Thickness	0.3 - 32 MM
Severance / Rough Cut Thickness	35 MM
Air Pressure Bar	0.4 - 0.6 (Mpa)
Dimensions (L x W x H)	575 x 297 x 557mm
Net Weight	43.5Kg

CUT - 120

SALIENT FEATURES

- Compact & Ultimate Portability
- Advanced Inverter Technology
- Adjustable Cut Output Current
- Application- Carbon Steel, Copper, SS etc
- Over Heat Protection
- Flat Smooth Cutting Area
- 2T / 4T Mode Available
- Stable Current Output
- Small Cutting Tension & Deformation
- High Power Factor & Energy Efficient
- Burr & Dross Free, Narrow Kerf Width
- Short Post Flow - Enhances Torch Life
- Smooth Arc Strike Width HF Control

All Equipments Are Tested And Approved After Trial.

Standard Accessories

- Plasma Torch P80 - With 5 Mtr Cable
- Earthing Clamp - With 2 Mtr Cable
- Air Pressure Regulator - Max Pressure 9.9 kgf / cm²
- Plasma Consumable Kit - Ceramic Nozzle, Contact Tip etc
- Air Hose Pipe - 2 Mtr (Optional)
- Torch Accessories - Swirl Ring, Diffuser, Shield Cup etc (Optional)
- Arc Protecting Helmet (Optional)