



CUT - 120

TECHNICAL PARAMETERS

Model	CUT - 120
Technology	IGBT MODULE
V / PH / HZ	415V / 3Ph / 50Hz \pm 2%
Input Regular Working Voltage	415V \pm 10%
Insulation Class / Protection Class	H / IP23
Max. Input Power	14 KW
Max. Input Current	30.5 Amp
No Load Current	0.24 Amp
Current Range	25 - 120 Amp
Output Current @100% Duty Cycle	93 Amp
Output Current @60% Duty Cycle	120 Amp
KVA @100% Duty Cycle	18 KVA
KVA @60% Duty Cycle	20 KVA
Cooling Type	Forced Air
Power Factor / Efficiency	Max 0.9
Quality / Fine Cut Thickness	0-35 MM
Severance / Rough Cut Thickness	Upto 50 MM
Air Pressure Bar	5 (Mpa)
Dimensions (L x W x H)	570 x 280 x 520 mm
Net Weight	31 Kg

SALIENT FEATURES

- 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 - AFR 2000 - 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)