



CUT - 80

TECHNICAL PARAMETERS

Model	CUT - 80
Technology	IGBT MODULE
V / PH / HZ	415V / 3Ph / 50Hz ± 2%
Input Regular Working Voltage	415V ± 10%
Insulation Class / Protection Class	F / IP21S
Max. Input Power	9 KW
Max. Input Current	17 Amp
No Load Current	0.24 Amp
Current Range	20 - 80 Amp
Output Current @100% Duty Cycle	61.5 Amp
Output Current @60% Duty Cycle	80 Amp
KVA @100% Duty Cycle	6.9 KVA
KVA @60% Duty Cycle	12 KVA
Cooling Type	Forced Air
Power Factor / Efficiency	Max 0.93 / 85%
Quality / Fine Cut Thickness	0.3 - 19 MM
Severance / Rough Cut Thickness	22 MM
Air Pressure Bar	0.4 - 0.6 (Mpa)
Dimensions (L x W x H)	530 x 260 x 470 mm
Net Weight	21.5 Kg

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, Diffusor, Shield Cup etc (Optional)
- Arc Protecting Helmet (Optional)