



**100%
Duty Cycle in MIG+MMA**



TECHNICAL PARAMETERS

Model	MAGMA PLUS
Technology	IGBT Module-Soft Switch Inverter
V / PH / HZ	415V / 3Ph / 50Hz ± 2%
Input Regular Working Voltage	415V ± 10 %
Insulation Class / Protection Class	F / IP23
Max. Input Power	22.5 Kw
Max. Input Current	47 Amp
No Load Current	0.3 Amp
Current Range	50 - 500 Amp
Output Current @100% Duty Cycle	387Amp
Output Current @60% Duty Cycle	500 Amp
KVA @100% Duty Cycle	17.9 KVA
KVA AT 60% DUTY CYCLE	27KVA
Welding Voltage Adjust Range	17-31V
Open circuit Voltage At Set Current	50V ± 5V
Cooling Type	Forced Air
Power Factor	Max 0.94
Efficiency	89%
Suitable Wire Diameter	0.8-1.6 mm
Dimensions (L x W x H)	620 x 305 x 600 mm
Net Weight	39.7Kg



MAGMA PLUS

WIRE FEEDER

Wire Roll Drive Unit	Four
Motor Voltage	24 VDC
Solenoid Valve Voltage	24 VDC
Wire Speed	2 - 24 Mtr / Min
Wire Spool Capacity	17Kg
Weight Without Spool	9 Kg
Wire Type	Solid / Flux Core
Wire Feeder Type	DC Motor

All Equipments Are Tested And Approved After Trial.

Standard Accessories

COPPER CABLE (52 SQMM)

- Wire Feeder
- Mig Torch - 40KD - North Brand USA - Heavy Duty 5 Mtr
- Electrode Holder - With 2 Mtr Cable - 70 Sqmm
- Earthing Clamp - With 2 Mtr Cable - 70 Sqmm
- Control / Interconnecting Cable - 5 Mtr
- Welding Cable 5 Mtr - 70 Sqmm
- CO₂ Gas Regulator, Flow Meter, Pre-Heater (110V)
- Consumable Kit - Nozzle, Contact Tip etc
- Hose Pipe - 5 Mtr (Optional)
- Remote (Optional)
- Arc Protecting Helmet (Optional)