



LAVA

TECHNICAL PARAMETERS

Welding Machine Type	MMA & MIG	
Model	LAVA	
Technology	Dual IGBT Module	
V / PH / HZ	(220 V/415 V) / 1-2-3 Ph / 50 Hz	
Input Regular Working Voltage	220 V/415 V +/- 10%	
Insulation Class / Protection Form	F / IP23	
Max. Input Power	6.4 KW @ 1 Ph	11.5 KW @ 3 Ph
Max. Input Current	28 A @ 1 Ph	20 A @ 3 Ph
No Load Current	0.25 A	
Current Range	50 - 315 A	
Output Current @100% Duty Cycle	120 A @ 1 Ph	219 A @ 3 Ph
Output Current @60% Duty Cycle	188 A @ 1 Ph	283 A @ 3 Ph
KVA @100% Duty Cycle	3.8 KVA @ 1 Ph	7.6 KVA @ 3 Ph
KVA @60% Duty Cycle	5.3 KVA @ 1 Ph	11.2 KVA @ 3 Ph
Open circuit Voltage At Set Current	35V	
Power Factor / Efficiency	Max 0.94 / 90%	
Suitable Wire Diameter (Mm)	0.8 - 1.2 MM	
Arc Strike Way	HF	
Cooling Type	Forced Cool Air	
Dimensions (L x W x H)	490 x 230 x 445 mm	
Net Weight	14.9 Kg	

WIRE FEEDER

Wire Roll Drive Unit	Two
Motor Voltage	24 VDC
Solenoid Valve Voltage	24 VDC
Wire Speed	2 - 18 Mtr/Min
Wire Spool Capacity	17 Kg
Weight Without Spool	Kg
Wire Type	Solid / Flux Core
Wire Feeder Motor Type	DC Motor

All Equipments Are Tested And Approved After Trial.

Standard Accessories

- Wire Feeder
- Mig Torch - 24KD - With 3 Mtr Cable - 35 Sqmm
- Electrode Holder - With 2 Mtr Cable - 25 / 35 Sqmm
- Earthing Clamp - With 2 Mtr Cable - 25 / 35 Sqmm
- Interconnecting / Control Cable - 5 Mtr
- CO₂ Gas Regulator, Flow Meter, Pre-Heater (36V)
- MIG Consumable Kit - Nozzle, Contact Tip etc
- Hose Pipe - 5 Mtr (Optional)
- Remote (Optional)
- Arc Protecting Helmet (Optional)