

GMAW MIG Series



3
Phase

50/60
Hz

EMC

DC

CC/CV

Duty Cycle
100%



MIG-300HD CC/CV



MIG-400HD CC/CV



MIG-500HD CC/CV



MIG-630HD CC/CV

Functions

General MIG/MAG Welding
Manual Metal ARC Welding,
Lifting ARC Striking TIG

Application Industry

Heavy Industrial Fabrication
Oil & Gas Industries Fabrication
Industrial Maintenance
Automobile Industries
Railways heavy Fabrication
PEB Industries
Stainless Steel Fabrication
Process Industries
Cement Industries
Ship Building yard
Power generation industries

Accessories



GMAW MIG Series



Features :-

- ❖ Compact Size, Lightweight & Power Saving.
- ❖ Trigger Mode 2 Step & 4 Step
- ❖ Strong Current Output, Superior MIG/MAG & MMA Welding process.
- ❖ Stepless Adjustment of Current & Voltage in a wide range.
- ❖ Digital Display for Accurate Parameter Preset.
- ❖ Suitable for Mild Steel, Alloy Steel & Stainless Steel etc.
- ❖ Enhanced and efficient Soft Switching Inverter Components.
- ❖ Multipurpose Machine for welding with low Operating Cost.
- ❖ Over Temperature Tripping.
- ❖ Output Short-Circuit protection.
- ❖ EMC protection built in input & output circuit.
- ❖ Under Voltage, Over Voltage & Phase Loss protection.

TECHNICAL SPECIFICATIONS:

PARAMETERS	MACHINE MODELS			
	MIG-300 HD CC/CV	MIG-400 HD CC/CV	MIG-500 HD CC/CV	MIG-630 HD CC/CV
Input Voltage (V)	3Ph. 415± 10%	3Ph. 415± 10%	3Ph. 415± 10%	3Ph. 415± 10%
Frequency (Hz)	50Hz	50Hz	50Hz	50Hz
Rated Input Current (A)	17.8 A	27 A	35 A	52 A
Power (KVA)	11.7 KVA	17.6 KVA	23 KVA	34.2 KVA
No Load Voltage (V)	60 V DC	62 V DC	73 V DC	84 V DC
Output Current Range (A)	40-300 A DC	40-400 A DC	40-500 A DC	40-630 A DC
Rated Output Voltage (V)	29 V DC	34 V DC	39 V DC	44 V DC
Duty Cycle @40°C (%)	70%	100%	100%	100%
No Load Loss (W)	60 W	80 W	80 W	100 W
Efficiency (%)	83%	86%	89%	89%
Power Factor (PF)	0.95	0.95	0.95	0.95
Wire Diameter (mm)	ø 0.8mm-1.00 mm	ø 0.8mm-1.2 mm	ø 1mm-1.6 mm	ø 1mm-1.6 mm
Insulation Grade	F Class	FClass	FClass	FClass
Protection Class	IP21S	IP21S	IP21S	IP21S
Type of Wire Feeder	2 Roll	4 Roll	4 Roll	4 Roll
Wire Feeding Speed	1.5-20 m/min	2.2-21 m/min	2.2-21 m/min	2.2-21 m/min
Nett. Weight Wire Feeder (Kg.)	8.5kg	9.5kg	9kg	9kg
Nett. Weight Power Source (Kg.)	26.2 kg	34 Kg.	40.6 Kg.	50.6 Kg.
Dimensions (mm)	520x295x525	570x315x575	610x325x625	670x375x665