

YMIG-400EN

IGBT Based Full Digital MMA/LIFT TIG Welding Machine

About EN(Enhanced Series):

Full Digital Controlled Welding Machines with-

- Advanced Welding Waveform.
- Precision Parameter setting.
- Fully Calibrated.

Features

- ◆ With good protection of Under-Voltage, Over-Voltage and Over-Current, it makes the machine safe and reliable.
- ◆ Pre-setting of precise digital Voltage/Current parameter enables easy operation.
- ◆ With CC/CV function, one machine can perform MIG/MMA/Lift TIG welding.
- ◆ With 2T/4T options, convenient for the operator to perform welding as per the job requirement.
- ◆ Advance machine feature –Soft Arc & Hard Arc feature – gives choice to choose arc type for thin sheet and thick plate.
- ◆ No. of Memory Channels- 9



Main Technical Parameter	YMIG-400EN	
	MIG	MAG
Input voltage (V)	AC415V±10%	
Frequency (Hz)	50/60	
Input capacity (KVA)	24	26
Rated input current (A)	39	39
Non-load voltage (V)	78	
Output current (A)	400	
Output voltage (V).	16-34	22.4-36
Duty cycle (%)	100	
Current range (V)	60-400	
Insulation class	H	
Case protect class	IP23	
Weld thickness (mm)	1.0-22	
Suitable wire (mm)	1.0/1.2/1.6	
Wire feed speed (m/min)	3/24	
Gas flow (L/min)	8-25	
Dimension (mm)	625X302X585	
Weight (kg)	31	



Fig - A

Annexure of Figure - A

Re.No.	Description	Benefit
1	Weld Mode Selection	MMA/MIG (2T)/MIG (4T)/Synergy
2	Current Display	Current/Wire Feed Speed/Hot Start/Arc Force/VRD
3	Digital Display Voltage	Voltage/Inductance
4	Wire Selection	Solid/Flux cored
5	Gas Selection	Co2/Mix Gas/Argon
6	Crater Voltage Adjustment	Adjust Crater Voltage as per the Job
7	Inductance Adjustment	Soft Arc (Anti-Clock Wise)/ Hard Arc (Clock-Wise)
8	Current Adjustment	Adjust Current as per the Job
9	Gas Check	Check Gas Availability
10	Wire Dia Selection	0.8/1.0/1.2 mm

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