

Inverter based Multi-process Welding Machine

COMBO series machines are multi process machine with CC / CV characteristics. These machines use advanced soft-switching IGBT based inverter technology. They are widely used for GMAW/FCAW welding and SMAW welding in acid and Basic electrodes. They can also be used for GTAW (Scratch start) in all metals except Al, Mg and its alloys.

Features

- Advanced '*Soft Switching*' Technology
- Easy arc striking, less spatter stable current and excellent welding characteristics.
- Higher Open circuit voltage with lower feed speed for better arc strike.
- Higher operating frequency and hence low volume and weight.
- Excellent arc voltage and current feedback circuit
- 100 % Duty cycle and suitable for heavy industrial use
- Higher efficiency and better power factor



Basic Outfits:

Power Source
Wire Feeder with 5 meters Cable
MIG Torch
Regulator Flow-meter with heater
Earth cable

Technical Specifications

Model	COMBO-401 i	COMBO-501 i
Input Supply	380 ~ 440 Volts 3 Phase 50 Hz Supply	
Input Power (KVA)	18	26.5
Out put current Range (Amps)	20 ~ 400 in MMA	30 ~ 500 in MMA
	50 ~ 400 in GMAW/FCAW	60 ~ 500 in GMAW/FCAW
Out Put Voltage Range in GMAW (V)	16 ~ 40	16 ~ 50
Duty Cycle	100% (40 ° C and 10 Min)	
Efficiency	89%	
Power Factor	0.9	
Insulation Grade	H	
Wire Feed Speed (M/Min)	1.3 ~ 21 M/Min	
Torch Connection	EURO Type	
Weight (Kg)	35	42

Note: Specifications are subjected to change with out Notice