

INVERTER BASED MULTI-PROCESS WELDING MACHINE MODEL COMBO-402 I / 502 I

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 SAMW 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.
- Digital Microprocessor based.
- Synergic Mode available.
- Spot welding Time can be set.
- Pre flow, Post flow of gas can be set
- Easy arc striking, less spatter stable current and excellent welding characteristics.
- 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.
- Higher Open Circuit Voltage

Basic Outfits

- Power Source
- Wire Feeder with 5 meter interconnecting cable
- MIG welding Torch
- Regulator flow-meter with Pre heater

Technical Specifications

Parameters	COMBO-402 i	COMBO 502 i
Rated Input Voltage	380 ~ 440 Volts 3 Phase 50 Hz	380 ~ 440 Volts 3 Phase 50 Hz
Input Power (KVA)	18.0	26.5
Output Voltage Range (GMAW)	14 ~ 40	14 ~ 50
Welding Current Range (A)	50 ~ 400 (GMAW)	60~ 500 (GMAW)
	50 ~ 400 (SMAW)	60 ~500 (SMAW)
Duty Cycle (%)	100% (40° C and 10 Min)	100% (40° C and 10 Min)
Full Load Efficiency(%)	89%	89%
Power Factor	0.9	0.9
Weight (kg)	35	42
Insulation Grade	H	H
Wire Feed Speed	1.3 ~ 21 m/min	1.3 ~ 21 m/min
Torch Connection	EURO Type	EURO Type

Specifications may subject to change without notice.

