

# Inverter based Multi-process Welding Machine

## Model COMBO-400 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

- Micro processor control technology, better control
- Easy arc striking, less spatter stable current and excellent welding characteristics.
- Advanced Soft Switching technology.
- Higher operating frequency and hence low volume and weight.
- Higher efficiency and better power factor
- Reduced melting ball at the end of welding (GMAW)
- Same machine can be used for three welding process.

### Technical Specification

Model	COMBO-400 I
Rated Input Voltage	380 ~ 440 Volts 3 Phase 50 Hz
Input Power (KVA)	18.4
Welding Voltage range (V)	15 ~ 50
Welding Current Range (A)	60 ~ 500 (GMAW) 20 ~ 400 (SMAW )
Duty Cycle (%)	60 ( 10 Min. 40 ° C )
Full Load Efficiency(%)	89
Power Factor	0.87
Wire diameter in GMAW (mm)	1.0 ~ 1.6
Dimension (LXWXH)mm	570 x 330 x 500
Weight (kg)	40

### Basic Outfits

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

Specification subjected to change without notice