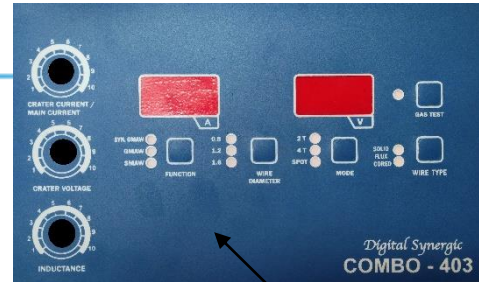


COMBO series machines are multi process machine with CC / CV characteristics. These machines use advanced soft-switching IGBT based inverter technology. They are widely used for GMAW/FCAW welding and SAMW welding in acid and Basic electrodes. They can also be used for GTAW (Scratch start) in all metals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

Features



- ✓ Advanced Soft Switching technology.
- ✓ Digital Microprocessor based.
- ✓ Synergic Mode available.
- ✓ **Flux/Solid core selection**
- ✓ **Spot/ Stitch welding Time can be set.**
- ✓ Pre flow, Post flow of gas can be set
- ✓ **Inductance control**
- ✓ **Crator fill function**
- ✓ 2/4 step function
- ✓ 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 interconnecting cable, MIG welding Torch, Regulator flow-meter with Pre heater



Technical Specifications

Model	COMBO-403 i	COMBO 503 i
Rated Input Voltage	380 ~ 440 Volts 3 Phase 50 Hz	
Input Power (KVA)	18.0	26.5
Output Voltage Range (GMAW)	16 ~ 40	16 ~ 50
Welding Current Range (A)	50 ~ 400 (GMAW) 50 ~ 400 (SMAW)	60~ 500 (GMAW) 60 ~500 (SMAW)
Duty Cycle (%)	100% (400 C and 10 Min)	
Full Load Efficiency(%)	89%	
Power Factor	0.9	
Weight (kg)	42	45
Dimensions (LxWxH)	610 X 300 X 590	610 X 300 X 590
Insulation Grade	H	
Wire Feed Speed (m/ min)	1.3 ~ 21 m/min	
Torch Connection	EURO Type	
WIRE FEEDER		
Motor Type	Print Motor	
	Four Roll Drive	
Weight	10 Kg	

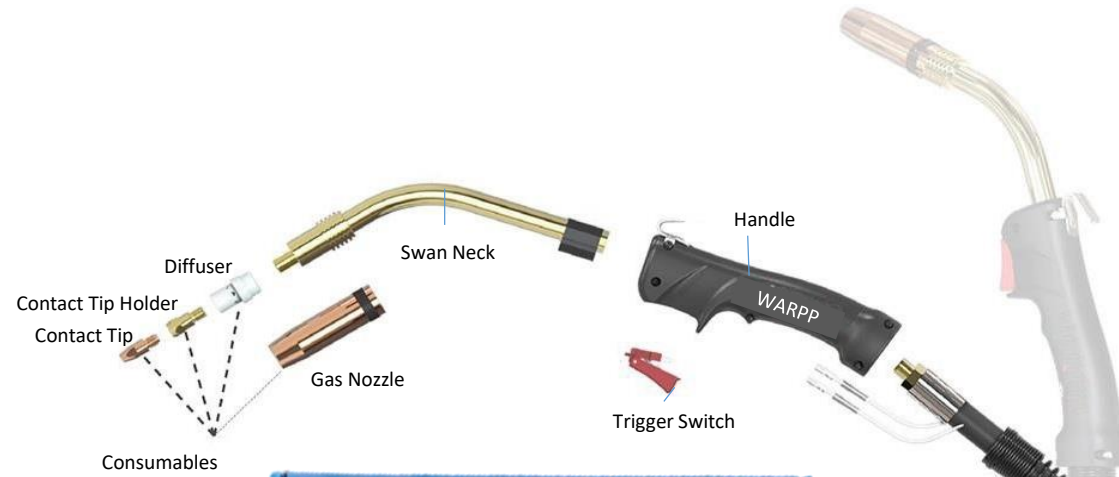




36 KD MIG/MAG MACHINE TORCH CONSUMABLES



Sr. No.	Type	New Part List	MOQ
1	36 KD Mig Torch 3 meters (35 sq. mm)	SACC00086	1
2	36 KD Mig Torch 3 meters (50 sq. mm)	SACC00089	1
3	Steel Liner (1.0-1.2mm X 3meter)	STC00256	1
4	Steel Liner (1.2-1.6mm X 3meter)	-----	1
4	Teflon Liner (1.0-1.2mm X 3meter)	STC00358	1
5	Teflon Liner (1.2-1.6mm X 3meter)	-----	1
6	Gas Nozzle (Conical) 12 mm & 16 mm Dia.	STC00242	5
7	Gas Nozzle (Straight)	STC00242	5
8	Contact Tip 0.8mm – M8 X 10 X 30 ECU	STC00133	5
9	Contact Tip 1.2 mm – M8X 10 X 30 ECU	STC00424	5
10	Contact Tip 1.6 mm – M8X 10 X 30 ECU	STC00134	5
11	Contact Tip 0.8 mm – M8 X 10 X 30 CuCrZr	-----	5
12	Contact Tip 1.2mm – M8X 10X 30 CuCrZr	STC00448	5
13	Contact Tip 1.6mm – M8X 10X 30 CuCrZr	-----	5
14	Contact Tip Holder M8 X 34	STC00378	5
15	Diffuser	STC00158	5
16	Swan Neck	SSP03731	1
17	Handle	SSP01626	1
18	Trigger switch	SSP03917	1



36 KD MIG TORCH

