



DC series is a versatile welding machine. It can perform fluxcored wire semi-automatic welding, cellulose electrode welding, scratch TIG welding. It is mainly used for the all position welding of low carbon steel, low alloy steel and stainless steel. Can use $\Phi 2.0\text{mm}$ flux-cored wire, $\Phi 2.5\text{-}\Phi 5.0\text{mm}$ cellulose electrode. Enjoy reasonable static characteristic and sound dynamic characteristic.

Features and Benefits

- Good for: E6010 electrode root welding /+E8010 electrode filled /+E8018 covered surface welding
- Electrode arc welding + flux-cored electrode semi-automatic welding process
- E6010 electrode root + E71T8-Ni 1 welding wire, filling covered surface welding
- Robust design for industrial environment
- Independent special heavy duty design, IP23S protection class to protect inner components from dust, water, shock, etc
- Key components like PCB adopts special protection to ensure high reliability
- Suitable to equip with generator
- Against power grid fluctuation ($\pm 20\%$)
- Self-diagnostic and self-protection functions like overcurrent, overvoltage, shortvoltage, overheat protection. The reliability and protection class is improved
- Special feature for FCAW overhead position welding
- Unique short welding (2-step) time control, would offer precise control of hot metal during the filling process, and reduce welding defects

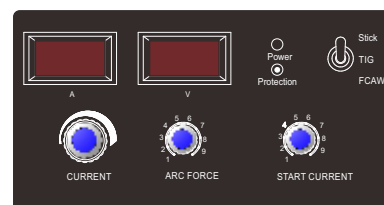
Mild Steel Welding Capability



6.3~21mm / 0.25~0.83"
17~22V, 180~250A

Technical Specification

	DC400	
Rated input voltage /frequency (Hz)	3 phase, 380V $\pm 20\%$, 50 /60Hz	
Rated input capacity (KVA)	21.7	
Rated input current (A)	32.9	
Duty cycle (40C)	100%@400A	60%@500A
OCV (V)	CV: around 81	CC: around 91
Output voltage range in CV mode (V)	12-39	
Output current range in CC mode (A)	20-500	
Wire type	Self-shielded flux cored wire	
Wire size (mm)	2.0	
Arc ignition method in TIG	Contact	
Protection class	IP23S	
Insulation class	H	
Dimension (mm)	658*336*588	
Weight (kg /lb)	50 /110.4	



DC-400

Standard Equipments

- 1 Connected primary cable L=3m
- 1 Ground cable L=14m with quick plug
- 1 Welding cable L=14m with electrode holder and quick plug
- 1 Flux-cored welding torch L=3m
- 1 Digital Wire feeder with 14m cable and Europe connection
- 1 Voltage feedback cable with clamp L=3.5m

