



- High speed DSP control system realizes precise digital control during welding, and improve welding seam formation.
- Controllable AC square waveform output [AC frequency, duty cycle, DC bias] can control the penetration and deposition rate of welding seam.
- Perfect parameters setting of arc starting and stopping solves problems of low arc starting success rate and large crater of arc stopping.
- CC and CV modes
- Synergic operation of twin-wire tandem system
- Polarity can be swithed easily with no wiring change DC and AC outputs, control at will
- Independent air duct design
- 100% duty cycle
- Secondary inverter design, energy saving

Usage Areas

- Shipyards.
- Pipelines.
- Pressure vessel manufacturers.
- Boiler manufacturers.
- Steel structure manufacturers.



Input Voltage	V	3 phase, AC380V/400V±10%, 50Hz
Installed Power	kW	55
Input Current	A	82 / 78
No Load Voltage	V	90
Current Range	A	60-1000
Duty Cycle at (40°C)	%100	1000
Standards		EN ISO 60974-1 / EN ISO 60974-10
Protection Class	IP	23 S
Insulation Class		H
Dimensions (L*W*H)	mm	1040 × 500 × 720
Weight	kg	165

Standard & Optional Equipments

This order code covers the welding machine and all of the equipments								
	3021000143	1021000113 POWER SAW 1000 AC/DC POWER SOURCE	1021000117 POWER SAW 1000 DC POWER SOURCE	1021000116	2020900686	6051900107	2020900879	1051800000