

Applications ✓

- Heavy Fabrication
- Structural
- General Fabrication
- Shipbuilding

Control Panel ✓



KEY BENEFITS

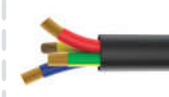
- Digital display**-Digital control of all the welding parameters.
- Protections**-Equipped with temperature, voltage and current sensors for high protection.
- Accessories**-Optional trolley and water cooling unit.
- Arc Stability**-Waveform control, for added stability of the arc, even at the low current.



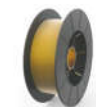
When you have a wrong grid voltage, the machine will stop work immediately and the key core will be protected from damage especially the IGBT.



Weld steel stainless and aluminum with the optional **Spool Gun**



Standard tripple phase **3-400V 50/60Hz** power supply.



Φ **300mm (20KG)**
Φ **200mm (20KG)**



IGBT Module



SYNERGIC



Generator Frienly-
Suitable for use with generators about 7kw.



550V Tested In Production



Heavy Duty Cycle 60%



Smart FAN-Reduce power consuncption and the intake of dust and fames.

TECHNICAL DATA(subject to change without notice.)

	Multi-GMAW 350S			Multi-GMAW 400S			Multi-GMAW 500S		
Power Supply Voltage	3-400			3-400			3-400		
	MIG	MMA	TIG	MIG	MMA	TIG	MIG	MMA	TIG
Effective Current	18 A	20 A	16 A	26 A	26 A	21 A	34 A	34 A	27 A
Rated Input Power	12.8kVA	14kVA	10kVA	15.5kVA	16.5kVA	12kVA	23kVA	23kVA	18kVA
Rated Input Current	23 A	26 A	20 A	33 A	33 A	27 A	44 A	44 A	35 A
Duty Cycle(40℃ 10min)	60% 350 A			60% 400 A			60% 500 A		
	100% 275 A			100% 310 A			100% 400 A		
Grid frequency	50/60Hz			50/60Hz			50/60Hz		
No Load Voltage	67			81			68		
WELDING CURRENT RANGE	40-350 A(MIG)			40-400 A(MIG)			40-500 A(MIG)		
WELDING VOLTAGE RANGE	14-35 V(MIG)			14-40 V(MIG)			14-50 V(MIG)		
Efficiency	85%			85%			85%		
Power Factor	0.70			0.75			0.75		
Insulation class	H			H			H		
Protection class	IP 23			IP 23			IP 23		
Cooling	AF			AF			AF		
Dimensions l x w x h	525x 240 x 445mm			525x 240 x 445mm			605x 240 x 445mm		
Weight	22.0 kg			23.0 kg			31.5 kg		
Wire Diameter(MM)	Fe:0.6/0.9/1.0/1.2 Ss:0.8/0.9/1.0/1.2 Flux-Cored:0.6/0.8/0.9/1.0/1.2			Fe:0.6/0.9/1.0/1.2 Ss:0.8/0.9/1.0/1.2 Flux-Cored:0.6/0.8/0.9/1.0/1.2			Fe:0.6/0.9/1.0/1.2/1.6 Ss:0.8/0.9/1.0/1.2/1.6 Flux-Cored:0.6/0.8/0.9/1.0/1.2/1.6		
Electrode type	6013 7018			6013 7018			6013 7018		

Superior quality welding with advanced processes and faetures

Multi-GMAW 350S/400S/500S

