

Applications ✓

- Pipeline construction
- Heavy industrial fabrication
- Plant construction
- Pressure vessels
- Nuclear power station
- Shipbuilding
- Hardfacing
- Process industry
- Arc-Air gouging

Control Panel ✓



Rugged, conventional welding rectifier with excellent arc characteristics

Pro-Stick 320/400/500/630



KEY BENEFITS

- **TIG Mode**-Possibility of welding with TIG mode.
- **Extra function**-Adjustable Hot Start/Arc Force,Anti-sticking automatic.
- **Digital display**-Digital control of all the welding parameters,Easy to understand graphic panels.
- **Protections**-Equipped with temperature,voltage and current sensors for high protection.
- **Electrodes diameter**-from 1.6 to 5.0mm.
- **Arc gouging capability.**



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.



Smart FAN-Reduce power consumption and the intake of dust and fumes.



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



Excellent performance on 60% electrodes.



When the "V.R.D" mode on the output voltage only 14.5V, It's absolutely safe for welders.



Zero V/C Switch



Heavy Duty Cycle 60% for industrial use.



Digital control system-the welding parameter can be control more easier and more precise.



Generator Friendly-Suitable for use with generators .



550V Tested In Production



IGBT Module

TECHNICAL DATA (subject to change without notice.)

	Pro-Stick 320		Pro-Stick 400		Pro-Stick 500		Pro-Stick 630	
Power Supply Voltage	3-400		3-400		3-400		3-400	
Grid frequency	50/60Hz		50/60Hz		50/60Hz		50/60Hz	
Effective Current	MMA	LIFT	MMA	LIFT	MMA	LIFT	MMA	LIFT
	18 A	15 A	27 A	21 A	35 A	28 A	48 A	39 A
Rated Input Power	11.5kVA		17kVA		23kVA		32kVA	
	8.5kVA		12.5kVA		17.4kVA		25.5kVA	
Rated Input Current	23 A		35 A		45 A		62 A	
	19 A		27 A		36 A		50A	
Duty Cycle(40°C 10min)	60% 320 A		60% 400 A		60% 500 A		60% 630 A	
	100% 250 A		100% 325 A		100% 400 A		100% 490 A	
No Load Voltage	60	22.5	80	22.5	80	22.5	90	22.5
WELDING CURRENT RANGE	10 – 320A		20 – 400A		20 – 500A		20 – 630A	
Efficiency	80%		80%		80%		80%	
Power Factor	0.70		0.70		0.70		0.70	
Insulation class	H		H		H		H	
Protection class	IP 23		IP 23		IP 23		IP 23	
Cooling	AF		AF		AF		AF	
Dimensions l x w x h	485 x 240 x 445mm		485 x 240 x 445mm		550 x 240 x 445mm		550 x 240 x 445mm	
Weight	17.6 kg		19 kg		30.3 kg		33.5 kg	
Electrode Diameter	φ 1.6-6.0		φ 1.6-6.0		φ 1.6-6.0		φ 1.6-4.0	
Electrode type	6013 7018		6010 6011 / 6013 7018		6010 6011 / 6013 7018		6010 6011 / 6013 7018	