

Applications ✓

KEY BENEFITS

- Heavy industrial applications
- Industrial plants
- Maintenance and repair
- Pipe construction
- Process and food industry
- Metal construction
- Aerospace industry
- Nuclear industry
- Chemical industry

Control Panel ✓



PERFECT IGNITION RESPONSE

/ ARC stable
/ ARC focused

Excellent HF arc ignition; stable, focused and fast arc

Pro-GTAW 320P/400P/500P



- TIG Mode**-Possibility of welding Lift TIG mode.
- Extra function**-Adjustable Hot Start/Arc Force, Anti-sticking automatic.
- Protections**-Equipped with temperature, voltage and current sensors for high protections.



**Rotentiometer Remote
Control Torch**



**Up/Down Remote
Control Torch**



Foot control contractor
on/off and current control with
8-pin male plug and any length
cable or wireless control.



HF Easy ARC Striking



Pulse



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



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



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



Heavy Duty Cycle 60%



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**.

TECHNICAL DATA (subject to change without notice.)

	Pro-GTAW 320P		Pro-GTAW 400P		Pro-GTAW 500P	
Power Supply Voltage	3-400		3-400		3-400	
Grid frequency	50/60Hz		50/60Hz		50/60Hz	
	TIG	MMA	TIG	MMA	TIG	MMA
Effective Current	19 A	18 A	20 A	24 A	27 A	34 A
Rated Input Power	9.5kVA	11.5kVA	12kVA	16kVA	22.3kVA	17.5kVA
Rated Input Current	19 A	23 A	25.5 A	31.5 A	35 A	43 A
Duty Cycle(40°C, 10min)	60% 320 A		60% 400 A		60% 500 A	
	100% 2505 A		100% 310 A		100% 390 A	
No Load Voltage	70		75		70	
WELDING CURRENT RANGE	5-320A		5-400A		5-500A	
Efficiency	85%		85%		85%	
Up/Down Slope	0-10		0-10		0-10	
Pre/Post Flow	0-2/0-10		0-2/0-10		0-2/0-10	
Pulse Fre.	0.5-250		0.5-250		0.5-250	
Pulse Width Range	5%-95%		5%-95%		5%-95%	
Power Factor	0.75		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	530 x 240 x 445mm		530 x 240 x 445mm		570 x 240 x 445mm	
Weight	20 kg		23.5 kg		30.5 kg	
Electrode type	6013 7018		6013 7018		6013 7018	