

PT- 500

Application

Aerospace industry 、 Pressure vessel industry
Pipe & tube fabrication
Medical instruments manufacturing
Vacuum equipment manufacturing

Features

Inverter technology for energy-efficient
Thermal Overload Protection
Multiple welding modes can be selected(Spot/Crater/Repeat)
Pulse Function included, 3-stage switching pulse frequency
2T welding function for up/down slope
PLC control connection support
0~10V analog interface available to welding current
Complete plasma gas sequence control
Pilot arc current 1-30A adjustable
Abnormal signal warning design



Specification

Input Power	V	220 V ,1/3Φ	Pre flow time	Sec	0.2~5
		380/415 V ,3Φ	Post flow time	Sec	2~15
Input voltage range	%	±15%	Pulse current	A	10~500
Input frequency	HZ	50&60	Pulse frequency	HZ	High: 1.3~500
Rated input capacity	KVA	29.47			Middle: 1.2~47
	KW	23.28			Low: 0.7~27
Rated output	V	DC ARC: 21.2	Pulse Ratio Width	%	1~99
		DC TIG: 40	Duty cycle	-	500A / 70%
	A	DC ARC: 30			420A / 100%
		DC TIG: 500	Water cooler control	-	✓
Welding amperage range	A	DC ARC: 0~30	Clean	-	-
		DC TIG: 10~500	Gas check	-	✓
Efficiency	%	85	Crater control	-	Crater/ Repeat
Open-circuit voltage	V	75±10	Insulation class	-	H
Up slope	Sec	0.2~10	Protection class	-	IP21S
Down slope	Sec	0.2~10	Dimension (W*D*H)	mm	506*716*923
Spot time	Sec	0.2~10	Net Weight	kg	95

