

# AFT-500

## Application

Heavy & Precision fabrication  
Heavy fabrication 、 Pipe and tube fabrication  
Aerospace 、 Marine Fabrication & Repair  
Aluminum fabrication

## Features

Inverter technology for energy-efficient  
Thermal Overload Protection  
Easy to set up and operate  
Pulse sequence flexible adjustable  
4-segment arc control (S-hard/hard/soft/S-soft)  
Provide 10 pin receptacle for welding current remote control



## 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: 7.5~500
Rated input capacity	KVA	22.91			-
	KW	21.33	Low: 0.4~27		
Rated output	V	TIG: 30	Pulse Ratio Width	%	20~80
		STICK: 36			
	A	TIG: 500	Duty cycle	-	500A / 60%
		STICK: 400			390A / 100%
Welding amperage range	A	TIG: 10~500	Water cooler control	-	✓
		STICK: 10~400	AC Balance	%	20~50
Efficiency	%	70	Gas check	-	✓
Open-circuit voltage	V	67DC / 120AC	Crater control	-	Crater / Repeat
Up slope	Sec	0.1~5	Insulation class	-	H
Down slope	Sec	0.1~5	Protection class	-	IP21S
Spot time	Sec	0.1~5	Dimension (W*D*H)	mm	445*610*550
			Net Weight	kg	80

