

# DT- 300

## Application

Industrial Equipment Manufacturing  
Bridge Construction & Infrastructure  
Stainless Steel Fabrication、Aerospace Engineering  
Automotive Manufacturing、Pipe & Pipeline Manufacturing

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100 kHz precision pulse control  
Simple control panel  
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## Features

- 1.100 kHz dual-parallel output ensures a focused, stable arc with fast spot welding and consistent penetration.
- 2.High-frequency energy-efficient control enables effective welding at lower currents.
- 3.Lightweight 300A design with a 60% duty cycle ensures reliable on-site operation.
- 4.Simple control panel with current preset and voltage/current pre-display complies with site safety inspections.
- 5.Built-in protection functions and 200 VAC input ensure stable operation under low-voltage conditions.
- 6.Optional PLC interface supports automation and system integration.



## Specification

Input Power	V	220V,1/3Φ	Pre flow time	Sec	0.2~5
		380/415V,3Φ	Post flow time	Sec	2~20
Input voltage range	%	±15%	Pulse current	A	-
Input frequency	Hz	50&60	Pulse frequency	Hz	-
Rated input capacity	KVA	11.78			-
	KW	8.25			-
Rated output	V	TIG: 22	Pulse Ratio Width	%	-
	A	STICK: 26	Duty cycle	-	300A / 60%
		TIG: 300			232A / 100%
Welding amperage range	A	STICK: 150	Water cooler control	-	✓
		TIG: 5~300	Clean	-	-
Efficiency	%	STICK: 5~150	Gas check	-	✓
		80	Crater control	-	Crater / Repeat
Open-circuit voltage	V	110±10	Insulation class	-	H
Up slope	Sec	0.1	Protection class	-	IP21S
Down slope	Sec	0.1	Dimension (W*D*H)	mm	260*595*505
Spot time	Sec	-	Net Weight	kg	26.5

