

Pulse AC/DC TIG Inverter Welding Machine

This machine supports DC TIG, DC Pulse TIG, AC TIG, AC Pulse TIG, and electrode welding. It is widely used in industries such as furniture, bicycles, motorcycles, and auto parts.



Product Overview

Versatile Pulse AC/DC TIG Inverter

This advanced pulse AC/DC TIG inverter welding machine is engineered for high-precision welding across various industrial sectors, including automotive and furniture manufacturing. It features dual inverter technology with high conversion efficiency and a precise closed-loop control system for exceptional arc stability. The machine supports multiple welding modes, including AC/DC TIG and electrode welding, making it a cost-effective solution for diverse metal applications.

Technical Specifications

Performance Metrics

305 A

Max Output Current

85 %

Duty Cycle

32.8 KG

Weight

Power Requirements

Parameter	Value
Input Voltage	380V \pm 10% 50/60Hz
Power Capacity	7.9 KVA
Power Factor	0.93

Welding Capabilities

Compatible Materials

- Aluminum
- Aluminum-Magnesium Alloy
- Alloy Steel
- Carbon Steel
- Copper
- Titanium Alloy

Supported Modes

DC TIG, DC Pulse TIG, AC TIG, AC Pulse TIG, Electrode Welding

Operational Settings

Pulse Frequency	300 Hz
Adaptable Plate Thickness	10 mm

Safety and Protection

Protection Systems

- Under-voltage Protection
- Over-voltage Protection
- Over-current Protection
- Over-heating Protection
- Over-load Protection
- Phase Lack Protection

Protection Class

IP21S