

# 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