

AC/DC TIG Welding Machine

This AC/DC TIG welding machine supports both AC and DC TIG welding processes, making it suitable for various materials, including aluminum and steel. Inverter technology ensures stable and precise welding performance, with adjustable parameters for optimized control.



ADDITIONAL IMAGES



Overview

Professional AC/DC Inverter TIG Welding Series

This industrial-grade welding series offers versatile AC/DC TIG and MMA capabilities, engineered for precision welding of aluminum, carbon steel, and stainless steel. Featuring advanced inverter technology, these machines provide a stable arc with high-efficiency output and a robust 60% duty cycle. The intuitive design allows for fine-tuned control over pulse frequency, cleaning width, and slope times to ensure superior weld quality in heavy-duty applications.

Key Performance Metrics

Performance Overview

60 %

Duty Cycle

85 %

Efficiency

0.93

Power Factor

Technical Specifications

Model Specifications

Feature	WSME-315	WSME-500
Rated Input Capacity	9.3	18.2
Input Current (A)	14.4	29.7
Output Range (A)	20-315	20-500
No-load Voltage (V)	65	78

Operating Features

Compatible Materials

- Aluminum
- Aluminum Alloys
- Carbon Steel
- Stainless Steel

Supported Modes

AC TIG, DC TIG, MMA, Pulse Welding, Constant Current

Electrical and Safety

Safety Standards

Insulation Class F • IP21 Protection

Input Voltage

AC380V \pm 10% / 50Hz