

TIG Welding Machine

This welding machine is designed for TIG (Tungsten Inert Gas) welding applications. It offers precise control over welding parameters and ensures high-quality welds on a variety of materials.



Product Overview

Industrial-Grade TIG Welding Solution

The TIG500A is a compact, portable, and versatile welding machine engineered for superior welding penetration and stable performance. Featuring advanced HF arc starting and a high-speed dynamic response, it ensures noise-free operation with minimal splashing. This unit is perfectly suited for welding a wide range of metals, including stainless steel, alloy steel, and copper, making it a reliable choice for professional fabrication environments.

Technical Specifications

Input Power Voltage	AC 380V \pm 15%, 50/60Hz (Three-phase)
Rated Input Power Capacity	19 KVA

Performance Metrics

Key Performance Metrics

500 A Max TIG Current	60 % Rated Duty Cycle	0.93 COSϕ Power Factor
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Supported Welding Modes	TIG, MMA
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Physical Attributes

Dimensions and Weight

Dimension Type	Value
Weight	31 KG
Measurements	580x334x480 mm

Compliance and Safety

Protection and Insulation

- Insulation Class: F
- Protection Class: IP23