

IGBT Inverter MMA Welding Machine

This MMA welding machine utilizes IGBT inverter technology for stable performance. It is suitable for various welding applications and offers adjustable parameters for optimal weld quality.



Product Overview

Professional IGBT Inverter MMA Welding Machine

The ZX7 series is a robust, industrial-grade welding machine utilizing advanced IGBT inverter technology with PWM+PFM control for stable, reliable performance. Designed for versatility, this machine is suitable for heavy-duty sectors including petroleum, shipbuilding, and chemical processing. Its compact and portable design ensures efficiency in both workshop and field environments, while offering superior power grid compensation to handle fluctuating voltage conditions.

Technical Specifications

Technical Data Table

Feature	ZX7-250	ZX7-315	ZX7-400
Input Current	14.4A	19.7A	27.6A
No-load Voltage	70V	73V	73V
Output Current	20-250A	40-315A	40-400A
Output Voltage	30V	32.6V	36V
Duty Cycle	60%	60%	40%

Performance Features

Core Technologies & Capabilities

- Advanced IGBT Inverter control for high reliability
- PWM+PFM control technology for constant, stable current
- Superior power grid compensation for voltage stability
- Digital current indication with preset functions
- Supports cellulose upward and downward welding
- High-speed dynamic response

Application & Compatibility

Compatible Materials

Low Carbon Steel, Middle Carbon Steel, Alloy Steel, Black Metals

Key Metrics

Power & Efficiency

380 V

Input Voltage

60 %

Max Duty Cycle (250/315)