

IGBT Arc MMA Welding Machine

This welding machine utilizes IGBT technology to deliver stable arc performance and reliable operation. Adjustable parameters provide optimal welding control, making it suitable for diverse welding applications.



ADDITIONAL IMAGES



Product Overview

Industrial Grade IGBT Inverter Technology

The ZX7 series is a professional-grade IGBT arc welding machine engineered for high-performance welding in construction, fabrication, and maintenance. These units deliver exceptional arc stability, minimal spatter, and precise control, ensuring high-quality weld penetration on various materials. With built-in safety protections and a portable, efficient design, these machines offer the reliability required for demanding industrial work environments.

Technical Specifications

Input Voltage	3 phase 380V/415V/440V
Efficiency	85 %
Duty Cycle	60 %
Grid Fluctuation Tolerance	+/- 15%

Performance Matrix

Model Capability Comparison

Model	Input Capacity (KVA)	Current Range (A)
ZX7-315	12	20-315
ZX7-400	16.5	20-400
ZX7-500	23	20-500
ZX7-630	37	20-630

Features

Advanced Functionality

- Adjustable striking and thrust current
- Digital display for real-time monitoring
- Preset current capability
- Stable arc with low noise output

Integrated Safety Protections

Overcurrent Protection, Overheat Protection, Overvoltage Protection, Undervoltage Protection