

# IGBT Inverter MIG Welding Machine

Adopting soft-switching technology, this welding machine achieves higher efficiency and more stable performance. It self-compensates for voltage fluctuation, ensuring stable current, minimal spatter, and deep molten pool formation for quality welding.



## Overview

### Industrial MIG Welding Performance

This IGBT Inverter MIG Welding Machine is engineered for high-performance welding in industrial and workshop environments. Utilizing advanced IGBT inverter technology, it ensures stable and reliable arc performance for consistent results. The unit features precise control interfaces, including integrated current and voltage meters, allowing operators to adjust parameters for optimal welding efficiency.

## Power Specifications

Input Voltage	380 V
Voltage Tolerance	±15%
Frequency	50/60Hz
Rated Input Capacity	24.6 KVA
Rated Input Current	37 A
Power Factor	0.93

## Welding Performance

### Key Performance Metrics

**500 A**

Max Output Current

**60 %**

Duty Cycle

**77 V**

No-load Voltage

Output Current Range	50-500A
----------------------	---------

## Physical Characteristics

Dimensions	640 x 325 x 614 mm
Weight	60 KG

## Safety & Standards

Classifications	Insulation Class B, Protection Class IP21
-----------------	---