

# MIG250Y Inverter Gas Shielded Welding Machine

This welding machine is suitable for welding metal plates with a thickness above 0.8mm. It offers stable current through self-compensation for voltage fluctuation, ensuring high efficiency and improved welding quality.



## Overview

### Professional Inverter Welding Performance

The MIG250Y is a high-performance inverter gas shielded welding machine engineered for precision and reliability. With an output current range of 50-250A and a 60% duty cycle, it provides consistent power for demanding welding tasks on materials above 0.8mm thickness. Its compact design, integrated wire feeder, and mobile chassis make it an ideal choice for professional workshops requiring versatile and efficient welding solutions.

## Electrical Specifications

Input Voltage	380 V
Frequency	50/60 Hz
Rated Input Power Capacity	8.4 KVA
Power Factor	0.93

## Welding Performance

### Key Performance Metrics

**250 A**

Max Output Current

**60 %**

Duty Cycle

**85 %**

Efficiency

Output Current Range	50-250A
No-Load Voltage	42 V
Rated Output Voltage	26.5 V

## Wire Feeding & Material

### Wire Feeder Specifications

Parameter	Value
Feeding Speed	2.5-13 m/min
Wire Diameter	0.8/1.0 mm
Coil Diameter	300 mm
Feeder Type	Inside

## Physical & Safety

### Physical Dimensions & Weight

- Weight: 33 KG
- Dimensions: 604 x 298 x 529 mm

### Safety & Protection

Insulation Class B, IP21 Protection