

# Inverter MIG/MAG Welding Machine

This is an inverter MIG/MAG welding machine. It features adjustable welding parameters, a stable arc, and reliable performance for welding various metal types and thicknesses.



## Overview

### Professional Inverter MIG/MAG Solution

The MIG250Y is a high-performance inverter welding machine engineered for versatility and reliability in professional environments. Utilizing advanced full-bridge inverter technology with high-frequency conversion, it offers a compact, resource-efficient design without compromising on power. With precise PWM control and waveform regulation, this machine ensures stable arcs, reduced spatter, and deep fusion for high-quality weldments across various steel types.

## Technical Specifications

|                    |   |
|--------------------|---|
| Model              | MIG250Y   |
| Welding Manners    | Gas shielded arc welding, Flux-cored wire welding |
| Inverter Frequency | 20 kHz  |

## Performance Features

### Control Technology

- Full-bridge inverter power conversion
- Pulse Width Modulator (PWM) controller
- Closed loop control system
- Waveform control technology
- Adjustable electronic reactor

### Arc Performance Metrics

**1 enabled**

Automatic wire feeding speed reduction

**1 enabled**

Small ball peeling at arc ending

## Safety & Reliability

### Safety Systems

Overcurrent Protection • Overheating Protection • Overloading Protection

## Application

### Industry Applications

- Automobile manufacturing
- Motorcycle parts production
- Steel-wood furniture fabrication
- Light steel structures
- Sheet metal processing

### Compatible Materials

Low carbon steel, High strength steel, Ordinary steel