

# Metal Active Gas (MAG) Welding Machine

This compact welding machine is designed for Metal Active Gas (MAG) welding. It features adjustable parameters for precise control over welding current and voltage, catering to various material thicknesses and welding applications.



## Overview

### Professional MAG Welding Performance

This Metal Active Gas (MAG) welding machine utilizes advanced IGBT inverter technology to deliver stable, high-quality welding performance. Designed for efficiency, it features closed-circuit feedback for constant voltage output and supports a wide input voltage range. With a compact, lightweight design and integrated wire feeding, it ensures ease of operation and consistent weld quality for workpieces thicker than 0.8mm.

## Performance Metrics

### Rated Output Current

**250 A**

Rated Output Current

**60 %**

Duty Cycle

**85 %**

Efficiency

## Technical Specifications

Input Power	AC 380V $\pm$ 15% (3-phase) or AC 220V $\pm$ 15% (single-phase)
Rated Input Power Capacity	9.2 KVA
Output Current Range	50-250 A
Output Voltage Range	15-29 V
Wire Feeding Speed	2-15 m/min
Compatible Wire Diameter	0.8-1.0 mm

## Physical Characteristics

Dimensions	500 x 263 x 430 mm
Weight	36 kg

## Compliance and Protection

### Protection Class

IP23

### Insulation Class

Class F

## Features

### Key Features

- IGBT inverter technology
- Closed circuit feedback constant voltage
- Wide voltage range tolerance (+-15%)
- Slow wire feeding for easy arc starting
- Low spatter output
- Integrated wire-pushing welding gun