

# Multi-Function MIG/MAG/MMA Welding Machine

This multi-function welding machine utilizes IGBT inverter technology for robust welding performance. It is suitable for MIG/MAG welding with gas, flux-cored welding without gas, and MMA welding of various metals.



## Product Overview

### Professional Multi-Function Welding Solution

This advanced welding machine utilizes inverter IGBT technology to deliver robust performance and high efficiency for demanding welding tasks. Designed for versatility, it supports MIG/MAG (gas and gasless) and MMA welding processes, making it suitable for low carbon steel, low alloy steel, stainless steel, and aluminum. The unit features fan-cooled operation with built-in thermostatic protection for reliable, long-term use.

## Technical Specifications

### Electrical Features

- Inverter IGBT Technology
- DC Current Output
- Fan-Cooled System
- Thermostatic Protection

### Supported Processes

MIG, MAG, MMA, Gasless Flux

### Compatible Materials

Low Carbon Steel, Low Alloy Steel, Stainless Steel, Aluminum, Aluminum Alloy

## Model Comparison

Model	Mains Voltage (V)	Frequency (HZ)	No-load Voltage (V)	Rated input capacity (KVA)	Wire Dia.(mm)	Output current (A)	Rated duty cycle (%)	Dimensions (CM)	Weight (KG)
MIG-160EI	220	50/60	42	6	0.6-0.8	30-160	60	49*24*40	16
MIG-180EI	220	50/60	42	7	0.6-0.8	30-180	60	49*24*40	16
MIG-200EI	220	50/60	42	8.2	0.8-1.0	50-200	60	49*24*40	19
MIG-250EI	220	50/60	42	11.3	0.8-1.0	50-250	60	49*24*40	19

Detailed technical comparison of available MIG model variants.

### Model Specifications

Model	Rated Input (KVA)	Output Current (A)	Wire Dia. (mm)	Weight (KG)
MIG-160EI	6	30-160	0.6-0.8	16
MIG-180EI	7	30-180	0.6-0.8	16
MIG-200EI	8.2	50-200	0.8-1.0	19
MIG-250EI	11.3	50-250	0.8-1.0	19

## General Metrics

### Common Specifications

**220 V**

Mains Voltage

**50 Hz**

Frequency

**42 V**

No-load Voltage

**60 %**

Rated Duty Cycle