

# Portable MMA-120 Arc Welding Machine

This single-phase AC arc welding machine is fan-cooled. It features stepless regulation of welding current and thermal protection.



## Overview

### Compact Performance for Professional Welding

The Portable MMA-120 Arc Welding Machine utilizes advanced IGBT and soft-switching technology to deliver stable, efficient welding performance in a compact form factor. Designed for versatility, this unit features automatic voltage compensation and built-in protection mechanisms to handle mains voltage fluctuations effectively. It is an ideal solution for welding carbon steel, stainless steel, alloy steel, and cast iron, offering high efficiency and energy savings for diverse professional applications.

## Technical Specifications

|                      |        |
|----------------------|--------|
| Power Supply Voltage | 230 V  |
| Frequency            | 50 Hz  |
| Input Capacity       | 5.7 kW |
| No-Load Voltage      | 75 V   |

## Performance Metrics

### Welding Current Range

|                            |                            |
|----------------------------|----------------------------|
| <b>10 A</b><br>Min Current | <b>40 A</b><br>Max Current |
|----------------------------|----------------------------|

|              |            |
|--------------|------------|
| Duty Cycle   | 60% @ 120A |
| Efficiency   | 80 %       |
| Power Factor | 0.93       |

## Physical & Compatibility

|                    |              |
|--------------------|--------------|
| Protection Class   | IP21S        |
| Insulation Class   | H            |
| Electrode Diameter | 1.6 - 4.0 mm |
| Net Weight         | 3 kg         |

## Features

### Included Accessories

- Electrode holder
- Earth clamp
- Brush/Hammer
- Protective mask

### Supported Materials

Carbon Steel, Stainless Steel, Alloy Steel, Cast Iron