

# Microprocessor Controlled TIG/MMA/Pulse Welding Machine

This microprocessor-controlled welding machine is designed for TIG, MMA, and PULSE welding applications. It utilizes inverter IGBT technology to provide efficient power conversion and ensure a stable arc.



## Overview

### Advanced Welding Performance

This microprocessor-controlled welding machine is engineered for versatility, supporting TIG, MMA, and Pulse welding applications. Utilizing advanced inverter IGBT technology, it ensures efficient power conversion and highly stable arc performance for professional results. The unit features a digital control panel for precise parameter adjustments, making it an ideal choice for welding steel, stainless steel, copper, and aluminum alloys.

## Electrical Specifications

Input Power Voltage	AC380V±10%
Input Frequency	60 HZ
Rated Input Capacity	13.2 KVA
Rated Input Current	28 A

## Performance Metrics

### Output Current Range

<b>20 A</b> Min Output	<b>400 A</b> Max Output
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Duty Cycle	60 %
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## Welding Parameters

### Pulse Control

Parameter	Range
Pulse Frequency	0.2-20 HZ
Pulse Width	1-100 %
Base Current	5-400 A

### Timing Sequences

- Pre-flow time: 0.1-15s
- Post-gas time: 0.1-15s
- Up-slope time: 0.1-10s
- Down-slope time: 0.1-15s

## Physical Characteristics

Dimensions	640×325×614mm
Weight	39 KG

## Features

Welding Processes	TIG, MMA, Pulse
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