

# AC/DC Pulse TIG/MMA/CUT Welding Machine

This welding machine integrates AC/DC TIG, MMA, and CUT functionality into one unit. It features adjustable pulse settings for precise control in various welding applications.



## Overview

### Versatile Multi-Process Welding Solution

This AC/DC Pulse TIG/MMA/CUT welding machine is designed for professional versatility, supporting multiple welding processes in a single unit. It offers precise control over welding parameters, including pulse settings and adjustable flow times, making it suitable for a wide range of metal fabrication tasks. With its robust construction and efficient inverter technology, this machine delivers reliable performance for both workshop and field applications.

## Electrical Specifications

Input Power Voltage	220 V
Input Frequency	50/60Hz
Rated Input Current	20.7 A
Rated Input Power Capacity	4.5 KVA

## Performance Metrics

### Duty Cycle

**60 %**  
Duty Cycle

Efficiency	85 %
Power Factor	0.93

## Welding Parameters

### Pulse Control

Parameter	Range
Pulse Frequency	1-70 Hz
Pulse Width	10-90%
Pulse Current	20-200 A

### Gas & Flow Timing

- Pre-flow time: 0-2S
- Post-gas time: 2-10S
- Slope-down time: 0-5S
- Clear width: 20-80%

### Output Current Range

20-200A (TIG/MMA) / 15-50A (CUT)

## Physical & Safety

### Protection Class

IP21

### Dimensions

565 x 235 x 512 mm

### Weight

20 KG

### Insulation Class

B

## Control & Operation

### Arc Striking Method

HF (High Frequency)

### Remote Control Options

Foot Pedal, Trigger