

# Multi-Process Welding Machine

This multi-process welding machine offers versatile welding capabilities for diverse applications. It is engineered for precision and efficiency across various welding techniques and materials.



## ADDITIONAL IMAGES



## Product Overview

### Versatile Multi-Process Welding Systems

This range of high-performance welding machines utilizes advanced digital IGBT inverter technology to deliver stable arcs, high efficiency, and precise control for demanding industrial applications. Engineered for reliability, these units offer multi-process capabilities including MMA, MIG/MAG, TIG, and air plasma cutting, making them ideal for shipbuilding, metal fabrication, and structural engineering. With features like parameter memory, energy-saving functions, and robust protection systems, they provide consistent quality and operational flexibility for professional welders.

## Key Features

### Core Benefits

- Advanced IGBT inverter technology for precision control
- Digital display with parameter memory storage
- Energy-efficient design reducing consumption by up to 50%
- Comprehensive protection against voltage fluctuations, moisture, and overheating
- Versatile application for carbon steel, stainless steel, aluminum, and copper

## Technical Specifications

### Welding Performance Metrics

<b>15 %</b> Efficiency Rating	<b>60 %</b> Rated Duty Cycle (Typical)	<b>0.93</b> Power Factor
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### Compliance & Safety

IP21 Protection • Electric-proof • Waterproof • Moistureproof

### Operating Conditions

Temperature -10°C to 40°C, Elevation < 1000m, Wind force < 1.5m/s, Voltage tolerance ±10-20%