

# MIG-500 Inverter Welding Machine

This MIG-500 inverter welding machine utilizes IGBT technology for energy saving. It is suitable for welding mild steel and low alloy steel metal sheets.



## Product Overview



The MIG-500 features a robust design with integrated wire feeder and portable chassis.

## Professional Performance

The MIG-500 is a high-performance inverter welding machine utilizing advanced IGBT technology for energy-efficient and stable operation. It features precise digital control for wire feeding, arc characteristics, and shielding gas flow, ensuring excellent weld quality and spatter control. Designed for industrial reliability, it includes comprehensive protection against thermal overload, over-voltage, and over-current, making it ideal for mild and low-alloy steel applications.

## Technical Specifications

### Rated Output Current

<b>50 A</b> Min Output	<b>500 A</b> Max Output
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Power Voltage	AC380V±15% 50HZ
Duty Cycle	60 %
Efficiency	85 %
Power Factor	0.93

## Physical & Safety



Certified for quality, safety, and performance standards.

### Insulation Class

F

### Protection Class

IP21S

### Dimensions

650 x 405 x 650 mm

### Weight

38 kg

## Welding Capabilities

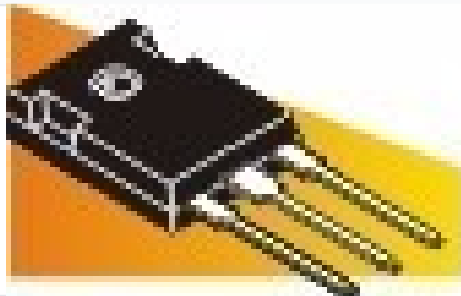
### Usable Wire Diameter

0.8 - 1.6 mm

### Suitable Materials

Mild Steel, Low Alloy Steel

## Features



# IGBT TECHNOLOGY

Advanced IGBT inverter technology provides energy savings and precise current control.

### Key Functional Features

- IGBT Inverter Technology
- Digital Meter Display
- PWM Pulse Width Control
- Electronic Inductance Regulation
- Shielding Gas Post-Flow Control
- Over-current/Over-heat/Over-load Protection