

# IGBT MIG/MAG Gas Shielded Welding Machine

This IGBT MIG/MAG gas shielded welding machine is designed for industrial use. It offers adjustable parameters for voltage and current, ensuring optimal welding results across a variety of materials.



## ADDITIONAL IMAGES



## Product Overview

### Industrial IGBT MIG/MAG Welding Series

This series of IGBT MIG/MAG gas shielded welding machines utilizes advanced inverter technology to provide a steady output and exceptional resistance to electric network fluctuations. Designed for professional industrial applications, these units offer high integration efficiency and special waveform control to minimize spatter and improve weld shape. With versatile capabilities for CO<sub>2</sub>, MIG, and MAG welding, these machines are suitable for carbon steel, alloys, and aluminum, making them a reliable choice for demanding manufacturing and construction environments.

## Technical Specifications

### Model Comparison

| Specification   | NB-350     | NB-500     | NB-630     |
|-----------------|------------|------------|------------|
| Input Capacity  | 14.5 KVA   | 25 KVA     | 37 KVA     |
| Welding Voltage | 17-32 V    | 17-39 V    | 17-44 V    |
| Welding Current | 60-350 A   | 60-500 A   | 80-630 A   |
| Wire Diameter   | 0.8-1.2 mm | 1.0-1.6 mm | 1.2-1.6 mm |

### Shared Features

- Input Voltage: 3-phase 380V/415V/440V
- Duty Cycle: 60%
- Cable Extension: Up to 50 meters
- Minimum Plate Thickness: >1.0mm

## Key Features

### Advanced Technology

IGBT Inverter • Electronic Reactor Control • Waveform Control • Slow Wire Feed Start • Droplet Removal Function

### Welding Capabilities

MIG, MAG, CO<sub>2</sub>, Flux-cored, Solid-cored