

# Mini 160A DC Inverter Arc Welding Machine

This compact DC inverter arc welding machine utilizes IGBT inverter technology for a strong and efficient performance. It is suitable for MMA welding of low carbon steel and low alloy steel with various welding rods.



## Product Overview

### Compact DC Inverter Welding Solution

The Mini 160A DC Inverter Arc Welding Machine is a highly portable and efficient tool designed for MMA and LIFT-TIG welding processes. Featuring a robust design with a digital display, it allows for precise current adjustments from 10A to 160A, making it suitable for a wide range of professional welding applications. Integrated safety features like VRD (Voltage Reduction Device) and O.C. (Open Circuit) protection ensure reliable and safe operation in various work environments.

## Key Metrics

### Performance Highlights

**160 A**

Max Output Current

**5 KVA**

Rated Input Capacity

**45 %**

Rated Duty Cycle

## Technical Specifications

### Model Comparison

Model	Current Range	Input Capacity	Weight
SMINI-120NID	20-120A	3.5 KVA	2.1 KG
SMINI-140NID	20-140A	4.0 KVA	2.1 KG
SMINI-160NID	20-160A	5.0 KVA	2.1 KG

### Electrical Standards

- Mains Voltage: 220V
- Frequency: 50/60Hz
- No-load Voltage: 60V
- Insulation Class: F

## Features & Capabilities

### Safety Features

VRD (Voltage Reduction Device) • O.C. Protection

### Welding Processes

MMA, LIFT-TIG