

IGBT Inverter DC MMA Welding Machine

This MMA (Manual Metal Arc) welding machine utilizes soft-switching technology for enhanced efficiency and stable performance. It provides good arc-striking and arc force, ensuring stable arcs and reduced spatter.



Overview

Professional IGBT Inverter Welding Solution

The MMA630 is a robust and reliable IGBT inverter-based DC MMA welding machine designed for a variety of heavy-duty welding applications. It features adjustable current and arc force controls, allowing for precise welding parameter adjustments to suit materials like steel, stainless steel, and cast iron. With its high-capacity output and integrated portability features, this machine is an ideal choice for professional welding environments.

Electrical Specifications

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|-----------------|-------------------|
| Input Voltage | AC 380V \pm 15% |
| Input Frequency | 50 Hz |

Performance Metrics

Welding Performance

| | | |
|------------------------------------|---------------------------|-----------------------------|
| 630 A Max Output Current | 60 % Duty Cycle | 0.93 Power Factor |
|------------------------------------|---------------------------|-----------------------------|

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|----------------------|-------|
| Arc Force Adjustment | 200 A |
|----------------------|-------|

Power Requirements

Power Consumption Details

| Parameter | Value |
|----------------------|--------|
| Rated Input Capacity | 35 KVA |
| Rated Input Current | 54 A |
| No-load Voltage | 77 V |
| No-load Consumption | 60 W |

Physical Characteristics

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|---------------------|--------------------|
| Physical Dimensions | 640 x 325 x 614 mm |
| Net Weight | 63 KG |

Compliance & Protection

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|-------------------------|-------------------------------------|
| Protection & Insulation | Insulation Class B, IP21 Protection |
|-------------------------|-------------------------------------|