

IGBT Inverter Air Plasma Cutting Machine

This air plasma cutting machine uses soft-switching technology for enhanced efficiency and stable performance. Its advanced design provides a high inverter frequency, duty cycle, and low energy consumption for cutting metal sheets into various shapes.



Overview

Professional IGBT Inverter Plasma Cutter

This high-performance IGBT inverter air plasma cutting machine is engineered for efficient and precise metal cutting across various industrial applications. Featuring a robust output current range of 20-160A and a 60% duty cycle, it provides reliable power for demanding tasks. The unit is designed for durability and ease of use, making it an ideal choice for both manual and automated cutting environments.

Electrical Specifications

Input Voltage	380 V
Input Frequency	50 Hz
Rated Input Power Capacity	29.2 KVA
Rated Input Current	43.8 A

Performance Metrics

Key Performance Metrics

160 A Max Output Current	60 % Duty Cycle	307 V No-Load Voltage
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Output Current Range	20-160A
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Efficiency & Protection

Efficiency and Safety

- Power Factor: 0.93
- No-load Consumption: 60W
- Insulation Class: B
- Protection Class: IP21

Physical Dimensions

Weight	60 KG
Dimensions (L x W x H)	640 x 325 x 614 mm