

IGBT Inverter Air Plasma Cutting Machine

This air plasma cutting machine uses soft-switching technology, providing higher efficiency and more stable performance. Its advanced design features a high inverter frequency, a high duty cycle, and low energy consumption.



Overview

Industrial Cutting Performance

This IGBT inverter air plasma cutting machine is engineered for high-demand industrial applications, offering precise cutting capabilities with adjustable current control. Its robust construction ensures durability in tough work environments, while integrated wheels and a compact design provide necessary portability. Equipped with advanced safety features like gas checking and retain functions, it delivers efficient and reliable performance for professional metal fabrication tasks.

Electrical Specifications

Input Voltage	380 V
Voltage Tolerance	± 15%
Input Frequency	50 Hz
Rated Input Power Capacity	19.4 KVA
Rated Input Current	29.2 A

Performance Metrics

Key Performance Metrics

120 A Max Output Current	60 % Duty Cycle	307 V No-load Voltage
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Output Current Range	20-120A
Power Factor	0.93
No-load Consumption	60 W

Physical and Safety

Dimensions and Weight

Attribute	Value
Weight	60 kg
Dimensions	640 x 325 x 614 mm

Ratings and Protection	Insulation Class: B, Protection Class: IP21
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