

Portable Plasma Cutting Machine

This plasma cutting machine is compact and portable, suitable for a variety of metal cutting tasks. It utilizes inverter technology for efficient power conversion and includes an integrated cooling system.



ADDITIONAL IMAGES



Overview

Versatile Portable Plasma Cutting Solution

This series of portable plasma cutting machines offers a compact and lightweight design, making them ideal for field operations and mobile workshop use. They deliver high-speed cutting performance that significantly outpaces traditional gas cutting methods while maintaining high precision and minimal material distortion. Designed for durability, these units feature integrated multi-protective circuits to ensure safe, dependable operation across a wide range of conductive metals.

Key Performance Metrics

Performance Highlights

20 mm

Max Cutting Thickness

60 %

Duty Cycle

85 %

Max Efficiency

Technical Specifications

Model Specifications Comparison

Parameter	CUT-40	CUT-60
Input Voltage	1 Phase AC220V±10%	3 Phase AC380V±10%
Rated Input Current	30 A	12 A
Output Current Range	20-40 A	25-60 A
Rated Output (A/V)	40/96	60/104
No-load Voltage	230 V	280 V
Max Cutting Thickness	12 mm	20 mm
Efficiency	80%	85%
Frequency	50/60 Hz	

Material Compatibility

Suitable Materials

Common Steel, Stainless Steel, Aluminum, Copper, Cast Iron

Product Features

Core Advantages

- Inverter technology for efficient power conversion
- High successful rate of arc striking
- Smooth cutting surface with small distortion
- Inner installing multi-protective circuit for safety
- Integrated cooling system for enhanced durability
- Built-in air regulator and gauge for precise control

Operational Characteristics

Portability

Small Volume • Light Weight • Portable • Field Ready