

# 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