

# Portable Plasma Cutting Machine

Single-phase plasma cutting machine is portable and fan-cooled with overheating protection. It uses advanced IGBT inverter technology and compressed air for high-speed curve cutting.



## Overview

### Professional Plasma Cutting Performance

The PLASMA-50P is a highly efficient, portable plasma cutting machine engineered for precision metal fabrication. With a robust output current range of 15-50 A and a 100% duty cycle, it delivers consistent performance for demanding industrial tasks. Designed with a compact footprint and high-efficiency power factor, this unit is an ideal solution for workshops requiring reliable cutting capabilities up to 18 mm thickness.

## Performance Metrics

### Cutting Capacity

**15 mm**

Standard Cutting Thickness

**18 mm**

Max Cutting Thickness

## Electrical Specifications

Input Power	230 V
Rated Input Power Capacity	7.1 kva
Output Current Range	15-50 A
Rated Duty Cycle	100 %
Efficiency	90 %

## Technical Details

Insulation Class	H
Protection Degree	IP21S
Arc Starting Method	Touching

## Physical Dimensions

Weight (Net/Gross)	16.5 / 21.5 kg
Overall Dimensions	370 x 176 x 300 mm