

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