

Metal Plasma Cutting Machine

This metal plasma cutting machine features a light beam design for rigidity and reduced inertia. It delivers high cutting speed and accuracy with a small cutting gap.



Overview

High-Performance Metal Plasma Cutting Solution

This industrial-grade plasma cutting machine is engineered for precision and efficiency in metal fabrication. With a generous working area of 1300x2500mm, it is capable of processing a wide range of conductive materials including iron, steel, and aluminum. The system integrates a high-performance 200A plasma source with an advanced control system to deliver clean, accurate cuts across thicknesses ranging from 0.5mm to 16mm.

Performance Metrics

Cutting Speed

8000 mm/min

Max Cutting Speed

50000 mm/min

Max Moving Speed

Cutting Thickness

16 mm

Technical Specifications

Power Requirements

- Input Voltage: 3 phase, 380V
- Power Frequency: 50Hz
- Power Consumption: 8.5KW - 10.5KW

Working Area

1300 x 2500 mm

Plasma Power

200 A

Control & Software

Control System

Startfire Control system

Design Software

Fastcam

Arc Features

Untouched ARC Striking with arc pressure adjuster

Materials

Compatible Materials

Iron, Steel, Aluminum Sheet, Galvanized Sheet