

CNC Plasma Cutting Machine for Metal Fabrication

This CNC plasma cutting machine is designed for high-efficiency and high-precision cutting in the metal sheet processing industry. The machine uses a digital program to drive the movement of the cutting torch for cutting various types of materials.



Product Overview



High-precision plasma cutting machine designed for industrial metal fabrication.

High-Efficiency CNC Plasma Cutting

This CNC plasma cutting machine is engineered for high-precision and high-efficiency performance in the metal sheet processing industry. Utilizing a modular design and advanced numerical control technology, it enables automated, high-quality cutting of steel plates, stainless steel, and copper. The system integrates optimized nesting calculation software with robust mechanical components to deliver exceptional edge quality and high material utilization for diverse industrial fabrication needs.

Technical Specifications

Cutting Capacity

1500 mm

Width Min

2000 mm

Width Max

6000 mm

Length Max

Performance

Metric	Value
Positioning Speed	12,000 mm/min
Recommended Positioning	6000-8000 mm/min
Positioning Accuracy	0.5/1000
Repeatability	0.2/1000

Power Supply

1 phase, 110V/220V/230V/240V, 50Hz (customizable)

Control & Software

Controller Interface

- 7-inch colorful display
- Multi-language support (English, Russian, Spanish, Portuguese, French, Korean, Chinese)
- 44 Shapes in controller library

Compatible Software

FastCAM, Pronest

Design & Features



Example of complex, ornamental cutting capability on metal panels.



High-precision finishing on decorative metal components.

Key Features

Steel structure table • Dual driving system • Automatic torch height control • Electric limit switches • Cable protection chains • Caution safety light

Overall Dimensions

4500 x 2700 x 1600 mm