

CNC Plasma Cutting Machine

This CNC plasma cutting machine is designed for industrial applications such as shipbuilding, aerospace, and construction. It is suitable for cutting a variety of metal materials with high speed and accuracy.



Product Overview

Industrial CNC Plasma Cutting Solution

This CNC plasma cutting machine is engineered with a welded thick-wall profiled steel lathe bed for maximum stability during heavy-duty operations. It features a specialized double-deck platform with a cast sheath and spikes to protect the table from high-temperature flame damage. Designed for efficiency, the system includes an inclined discharging tunnel for the safe and convenient collection of finished workpieces and fragments.

Key Performance Metrics

Performance Highlights

1.5 mm

Platform Level Tolerance

10 mm

Steel Plate Thickness

Mechanical Construction

Frame and Bed Construction

- Welded lathe bed made of thick-wall profiled steel
- Double-deck platform design
- 10mm thickness steel plates fixed on lathe table
- Cast sheath with spikes for flame protection
- Inclined discharging design for waste collection

Motion and Control

Drive and Transmission

- High accuracy motor with high-subdivision driver
- Servo speed reducing device
- High accuracy rack transmission
- Low noise operation with stable coordinate movement

Software and Control

Control System and Software

Component	Feature
Control System	Sino-US joint venture start control system
Nesting Software	FASTCAM with auto material saving function
Arc Adjustment	High sensitive arc pressure adjuster (Optional)

Operational Features

Cutting Capabilities

- Suitable for various material thicknesses
- Capable of heterotypic sheet cutting
- Self-adjusting plasma head distance for accuracy
- Automatic arc pressure adjustment

Certifications

Compliance

CE