

CNC Plasma Pipe and Sheet Metal Cutter

This CNC plasma cutting machine is designed for cutting both round pipes and sheet metal with precision. It features a rotating pipe cutting mechanism and a CNC control system for automated operation and complex cutting patterns.



Overview

Dual-Function CNC Plasma System

This industrial-grade CNC plasma system offers versatile dual-function capabilities, allowing for precise cutting of both sheet metal and round tubular materials. Built with heavy-duty construction, it ensures high performance for demanding manufacturing sectors including aerospace, pressure vessels, and chemical processing. The integrated system utilizes an advanced controller to manage complex geometries with ease, providing a comprehensive solution for diverse cutting requirements.

Machine Performance

Cutting Speed

4000 mm/min

Cut Speed

4000 mm/min

Rotary Axis Speed

Suggested Cut Thickness

1.5 - 10mm

Technical Specifications

Tube Cutting Capacity

300 mm

Max Diameter

3000 mm

Max Length

Sheet Metal Working Size

1500x3000mm

Components and Control

Power Requirements

Component	Voltage
Plasma Power	AC380V, 3Ph
CNC Controller	AC220V, Single Ph

System Capabilities

Hypertherm 65amp, STARFIRE Controller, Rack and Pinion, Torque Height Controller, USB Interface

Applications

Compatible Materials

- Carbon Steel
- Stainless Steel
- Brass
- Copper
- Aluminum