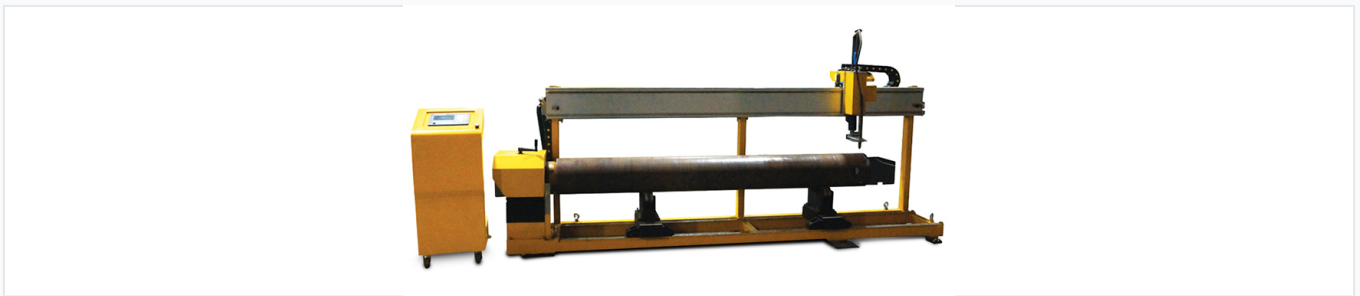


CNC Pipe Cutting Machine

This CNC pipe cutting machine is designed for precise and automated cutting of metal pipes. Its 3-axis control system enables efficient and accurate cuts for various industrial applications.



Overview



The robust 3-axis gantry system designed for automated metal pipe fabrication.

Professional CNC Pipe Cutting Solution

This 3-axis CNC pipe cutting machine is engineered for high-precision automated cutting of metal pipes, featuring a robust frame and a 3-axis gantry system. It supports both flame and plasma cutting modes, making it versatile for various industrial fabrication needs. With a user-friendly interface and integrated nesting software compatibility, it streamlines the workflow from CAD design to finished cut.

Key Performance Metrics

Performance Highlights

3

Control Axes

6000 mm/min

Max Idle Speed

180 W

Input Power

300 mm

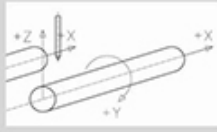
Max Pipe Diameter

Technical Specifications

Model Specifications

Feature	Model 3	Model 4	Model 5
Effective Cutting Size	1220 x 2000 mm	1220 x 3000 mm	1500 x 3000 mm
Transverse Arm	2000 mm	2000 mm	2300 mm
Rail Length	2500 mm	4000 mm	4000 mm
Total Weight	130 Kg	145 Kg	160 Kg

Control System



Intuitive control interface showing the X, Y, and Z coordinate system for pipe cutting.

CNC Controller Capabilities

- 7-inch colorful LCD display with keyboard
- Multi-language support (English, Russian, Spanish, French, etc.)
- Built-in library with 44 pre-designed shapes
- USB port for program import/export
- Adjustable pierce time, pulse, and motion parameters

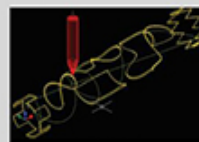
Software & Compatibility



Built-in Design



Make design



Modify design



Details improvement

Integrated software allows for easy design, modification, and parameter improvement.

Software Compatibility

FreePIPE, FastCAM, MTC, Pronest LTS, AutoCAD, Tekla, SolidWorks

Mechanical Design



Adjust pipe height manually



Stable Pipe chuck



Durable torch lifter



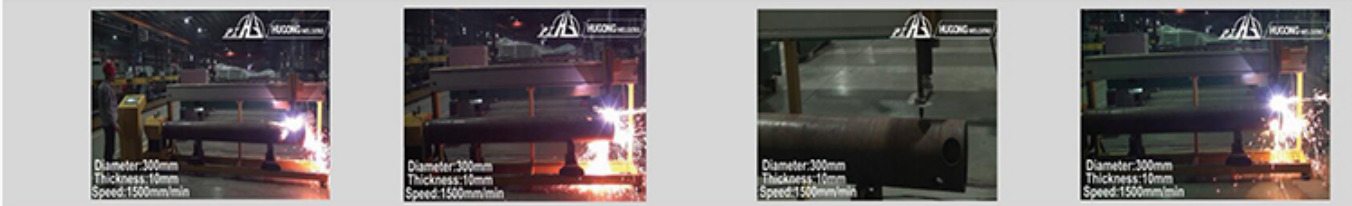
Reliable pipe supporters

Detailed view of the pipe chuck, torch lifter, and height adjustment mechanisms.

Mechanical Features

- Stable pipe chuck for secure rotation
- Manual pipe height adjustment
- Durable torch lifter for precise positioning
- Reliable pipe supports for stability
- Strong alloy structure for portability

Operation



The machine performing high-speed cutting on a 300mm diameter pipe.

Cutting Parameters

- Flame cutting speed: 6-750 mm/min
- Maximum cutting thickness: 10mm
- Compatible gases: Acetylene, Propane, LPG-O2
- Dual mode: Flame and Plasma cutting supported
- Quick installation: Setup in approximately 30 minutes

Input Voltage

220V (Customizable)