

# CNC Five-Head Steel Bending and Cutting Machine

This CNC machine features five independently controlled cutting heads for simultaneous steel processing. It is designed for high-volume production, offering flexibility and precision in steel fabrication.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency CNC Rebar Processing

The CNC Five-Head Steel Bending and Cutting Machine is a professional-grade solution designed for precision metal forming, including bending, folding, straightening, and leveling. Featuring a multi-head design, it allows for simultaneous operations to significantly enhance productivity in high-volume production environments. The system integrates advanced CNC controls with a powerful graphics database to ensure accurate, repeatable results for complex steel fabrication tasks.

## Performance Metrics



Five independent heads allow for complex, high-volume sequential or simultaneous processing.

### Key Performance Indicators

**5 qty**

Independent Heads

**100 types**

Preset Graphics

## Control System



Servo motor control provides extreme bending accuracy while the PLC interface simplifies operation.

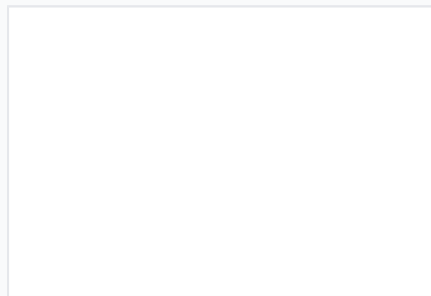
### Control & Automation

- PLC combined with touch screen interface
- Servo motor controlled spindle for high accuracy
- Private server motor control
- Programmable for complex bending profiles
- Automatic bending length determination

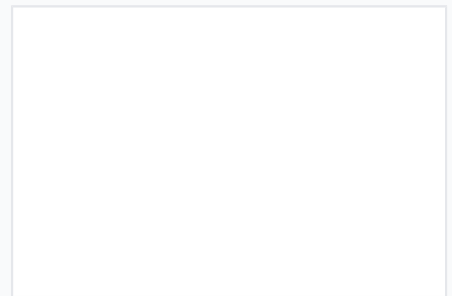
## Mechanical Design



The machine features a high-strength automatic feeding rack and mobile bending heads for versatile operations.



The ultra-thick body design ensures maximum stability and durability during heavy-duty work.



Integrated distribution cabinet housing advanced electrical components and control circuitry.

### Construction & Build

- Ultra-thick body design for stability
- Mobile bending machine head
- High-strength automatic feeding rack
- Robust frame for high-volume durability
- Integrated distribution cabinet for electrical safety

## Applications

Target Industries

Construction, Automotive, Manufacturing, Metalworking, Steel Fabrication

## Capabilities

### Processing Functions

Bending • Cutting • Folding • Straightening • Leveling

## Safety & Quality

### Safety & Precision

- Integrated measuring tools for quality control
- Integrated safety features for operator protection
- High-precision cutting patterns