

# CNC Stirrup Bending Machine

This CNC stirrup bending machine is controlled by a servo system to automatically straighten, bend, and cut steel. It is widely used in the construction industry and rebar manufacturing for steel wire rod, steel bar, and steel rebar.



## ADDITIONAL IMAGES



## Product Overview



A versatile and efficient machine tool designed for high-precision automated rebar bending.

### High-Efficiency CNC Stirrup Bending

This CNC stirrup bender is a versatile machine tool designed for the construction and rebar manufacturing industries. Controlled by a high-precision servo system, it automatically integrates straightening, bending, and cutting functions to produce a wide variety of stirrup shapes. Its robust construction ensures durability in demanding industrial environments while significantly reducing labor costs and improving production accuracy.

## Performance Metrics

### Key Performance Metrics

**1100 pcs/h**  
Bending Speed

**110 m/min**  
Max Pulling Speed

**180 °**  
Max Bending Angle

## Technical Specifications



Robust internal mechanism featuring rollers and gears for precise material guidance.

### Production Capacity

Wire Type	Diameter Range
Single Wire	8-16mm
Double Wire	8-12mm

Central Mandrel Diameter

Æ20-30mm

### Power & Efficiency

Average Electric Consumption

5 kw/h

Servo Motor Configuration

3 Servo Motors

## Applications



Designed for high-volume production of stirrups and complex shapes in construction environments.

### Target Industries

- Construction Industry
- Rebar Manufacturing Enterprises
- Precast Concrete Plants
- Steel Processing Facilities

Suitable Materials

Steel Wire Rod, Steel Bar, Steel Rebar

## Safety & Operation



Industrial-grade frame equipped with a CNC control system for automated operation.

### Safety & Operational Features

- Programmable CNC Control System
- Emergency Stop Buttons
- Protective Guards
- Required Grounding Wire for Safety

### Automated Functions

Straightening • Bending • Cutting • Leveling