

# Automatic Stirrup Bender

This automatic stirrup bender 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



## Overview



The automated bending unit designed for precision and high-speed production.

### High-Efficiency CNC Stirrup Bending

This CNC stirrup bender machine is a fully automated solution controlled by a high-precision servo system, capable of straightening, bending, and cutting steel wire rod and rebar in one continuous process. Designed for the construction industry and rebar manufacturing enterprises, it significantly improves productivity while reducing labor costs. Its robust construction and programmable interface ensure consistent, repeatable accuracy for high-volume stirrup production.

## Key Performance Metrics



Advanced servo-controlled system for complex stirrup shapes.

### Performance Highlights

**110 m/min**

Max Pulling Speed

**1100 pcs/h**

Production Capacity

**180 °**

Max Bending Angle

## Technical Specifications



Detail view of the straightening and leveling rollers for consistent wire output.

### Wire Processing Capacity

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

Central Mandrel Diameter       $\pm 0.020-0.030$ mm

### Power & Efficiency

Average Power Consumption	5 kw/h
Servo Motor Configuration	3 Servo Motor System

## Capabilities



Robust industrial-grade construction with integrated control and feeding mechanisms.

### Ideal Applications

- Construction Sites
- Precast Concrete Factories
- Steel Processing Plants
- Rebar Manufacturing Enterprises

### Automated Functions

Elasticity Adjustment, Straightening, Stirrup Bending, Cutting, Leveling

## Dimensions & Weight



Multiple units prepared for international shipping, showing compact transport dimensions.

### Machine Dimensions

1550 x 5870 x 880 mm

### Net Weight

1100 kg