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	110 m/min	180 °
Bending Speed	Max Pulling Speed	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	Æ20-30m

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