

CNC Automatic Rebar Bending Machine

This CNC automatic rebar bending machine is designed for high-precision and efficient bending of steel reinforcing bars (rebar). It features a programmable logic controller (PLC) for automated operation, allowing for complex bending shapes and angles.



ADDITIONAL IMAGES



Overview



High-performance CNC stirrup bender designed for precision and efficiency.

High-Efficiency CNC Stirrup Bending

The GTW8-16 is a professional-grade CNC automatic rebar bending machine controlled by a high-precision servo system. It streamlines production by automatically accomplishing straightening, bending, and cutting tasks in a single continuous process. Designed for the construction industry and rebar manufacturing enterprises, it delivers consistent results for steel wire rods and reinforcement bars with minimal manual intervention.

Performance Metrics

Key Performance Indicators

1100 pics/h
Bending Speed

110 m/min
Max Pulling Speed

180 °
Max Bending Angle

Technical Specifications



Multiple rollers and gears system for high-precision feeding and bending.

Wire Processing Capacities

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

Central Mandrel Diameter

Æ20-30mm

Power & Efficiency

Average Power Consumption

5 kw/h

Available Motor Power Ratings

4 kW, 5.5 kW, 7.5 kW

Applications



Versatile bending capabilities for various complex shapes used in construction.

Suitable Materials

- Steel wire rod
- Steel bar
- Steel rebar

Target Industries

Construction Industry • Rebar Manufacturing • Precast Concrete • Infrastructure Projects

Design & Safety



Robust frame and bending mechanism ensuring consistent angles and shapes.

Key Features

- Programmable Logic Controller (PLC) for automated operation
- Heavy-duty steel construction for stability
- User-friendly digital control panel
- Integrated emergency stop buttons
- Safety guards for operator protection

Physical Dimensions

Machine Size	1500 x 500 x 800 mm
Net Weight	1100 kg