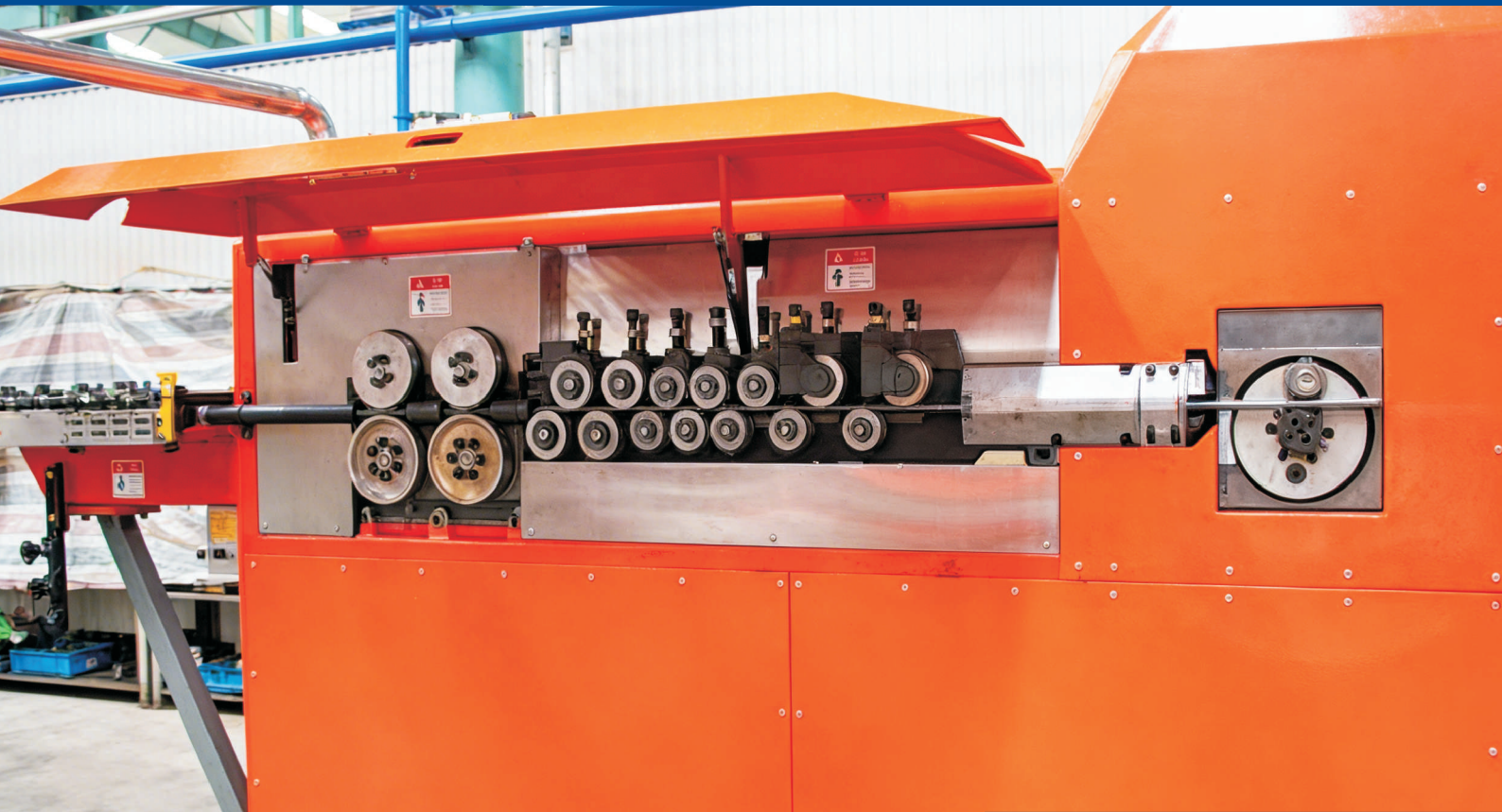


HIGH-SPEED METAL STIRRUP BENDER

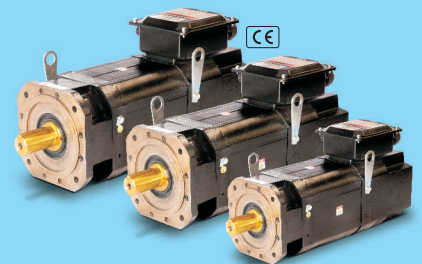
Accurate Stirrups | Faster Builds | Minimal Material Waste



KEB F6 Servo Drive



KEB C6 Controller & HMI



SynchroTorq[®] PM Servo Motor

Servo Drive - 4kW to 450kW, Servo Motor - 16Nm to 280Nm

Benefits of Servo Drive Solution for Stirrup Bending Machine



Bending of rebar as per required shape without manual intervention allows fast production with minimum scrap and material wastage.



High-performance servo motors ensure accurate positioning and motion control.



Real-time system diagnostics with automatic error detection and alerts.



Increased safety in operation of feeding and bending with safety interlocks and sensors.



Capable of performing multiple angle bends (0°–180°) with positive and negative bending.



Pre-programmed stirrup shapes selectable directly from the control panel.



Encoder-based measurement system guarantees precise cutting length control.



Allows quick recall of previous jobs for faster setup and changeover.



Integrated PLC with programmable memory for precise angle control and repeatable production accuracy.



Low maintenance and reduced down-time.



Automatic selection between negative and positive bending as per the recipe selected for the job.

Complete automation package for Stirrup Bending Machine



- BB-manufactured AC Servo Drive under license from KEB, Germany.
- BB-manufactured PM Servo Motor with encoder feedback and KTY sensor.
- KEB C6 motion controller with Codesys platforms and various communication channels.
- KEB display panel with keypad and various communication protocols.
- Installation and commissioning support.
- **Accessories:** EMC Filters, Touchscreen HMI, PLC, AC Input Choke, Brake Resistor, Pressure Sensor, Shielded Power and Resolver/Encoder Feedback Cables.

Main Industrial Applications: Metal (Construction)



We also provide retrofitting Servo solutions for existing Stirrup Bending Machine

Exclusive Service Centres at Mumbai, Ahmedabad, Vapi, Delhi, Haridwar, Coimbatore, Bengaluru, Pondicherry, Kolkata

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