

# servosis

*Testing Machines*



STRAIGHTENING MACHINE FOR STEEL BARS



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## **STRAIGHTENING MACHINE FOR STEEL BARS. MANUAL MODEL *EBM***

### **Straightening of Steel bars Ø 8-24 mm.**

- The machine is configured as a train of rollers, where the bar is introduced.
- There are 4 lower rollers with a single throat to introduce the bar, for any diameter within the range.
- There are 4 upper rollers, driven by 4 mechanical spindles. Each spindle has a top steering wheel to regulate its height and a mechanical blocking system.
- The driving of the drive motor is manual, by means of buttons that allow it to start and stop, as well as to reverse the direction of rotation.
- It has a protective casing to prevent access to the roller train.
- It has an emergency stop button.



***The user adjusts the rollers according to the diameter, inserts the bar through the throat, and the system straightens it quickly and efficiently.***

## **STRAIGHTENING MACHINE FOR STEEL BARS. AUTOMATIC MODEL *EBA***

### **Straightening of steel bars with pressure control**

Specific design to comply with requirements of *Instruction on structural concrete EHE 08, Annex 23, straightening procedure*, published by the Technical committee of the Ministry of Transport.



- The system includes a servo control for the forces applied by the push rollers, which are selected in a specific software system.
- Dragging system is automatic, driven by the servo controlled motor.
- To comply with the Specification regarding the distance and size of the push rollers, two versions are built:
  - *EBA-14*, for  $\varnothing$  between 8 and 14 mm,
  - *EBA-25*, for  $\varnothing$  between 14 and 25 mm.
- Optionally, the two models can be supplied connected to a single shared control system.

***The user selects the diameter to be straightened in the screen, inserts the bar in, and the system straightens it quickly and efficiently.***

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