

Semi-Automatic Mandrel Tube Bender CESURBEND PBM-32 E





CESURBEND PBM-32 E – a semi-automatic mandrel tube bender with digital PLC control, a 7" touchscreen and a working capacity of up to 32 × 2 mm.

PLC Mandrel Tube Bender

Semi-Automatic Mandrel Tube Bender CESURBEND PBM-32 E

Professional 32 × 2 mm tube and profile bender with a touchscreen and program memory

CESURBEND PBM-32 E is a semi-automatic mandrel tube bender designed for precision bending of steel tubes and profiles. The model is equipped with **PLC control**, an intuitive **7" touchscreen** and the ability to save bending programs, making it ideal for producing repeatable components.

Mandrel technology helps reduce deformation, flattening and kinking of the material during bending. The machine is designed for workshops, metalworking shops, production plants and companies manufacturing railings, steel structures, installations and decorative components.

PLC, 7" touchscreen, 100 programs and up to 5 bends in one sequence.

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PBM-32 E is a more advanced mandrel tube bender version, designed for precise and repeatable operation.

Tube diameter **32 mm**

Wall thickness **2 mm**

Bending angle **190°**

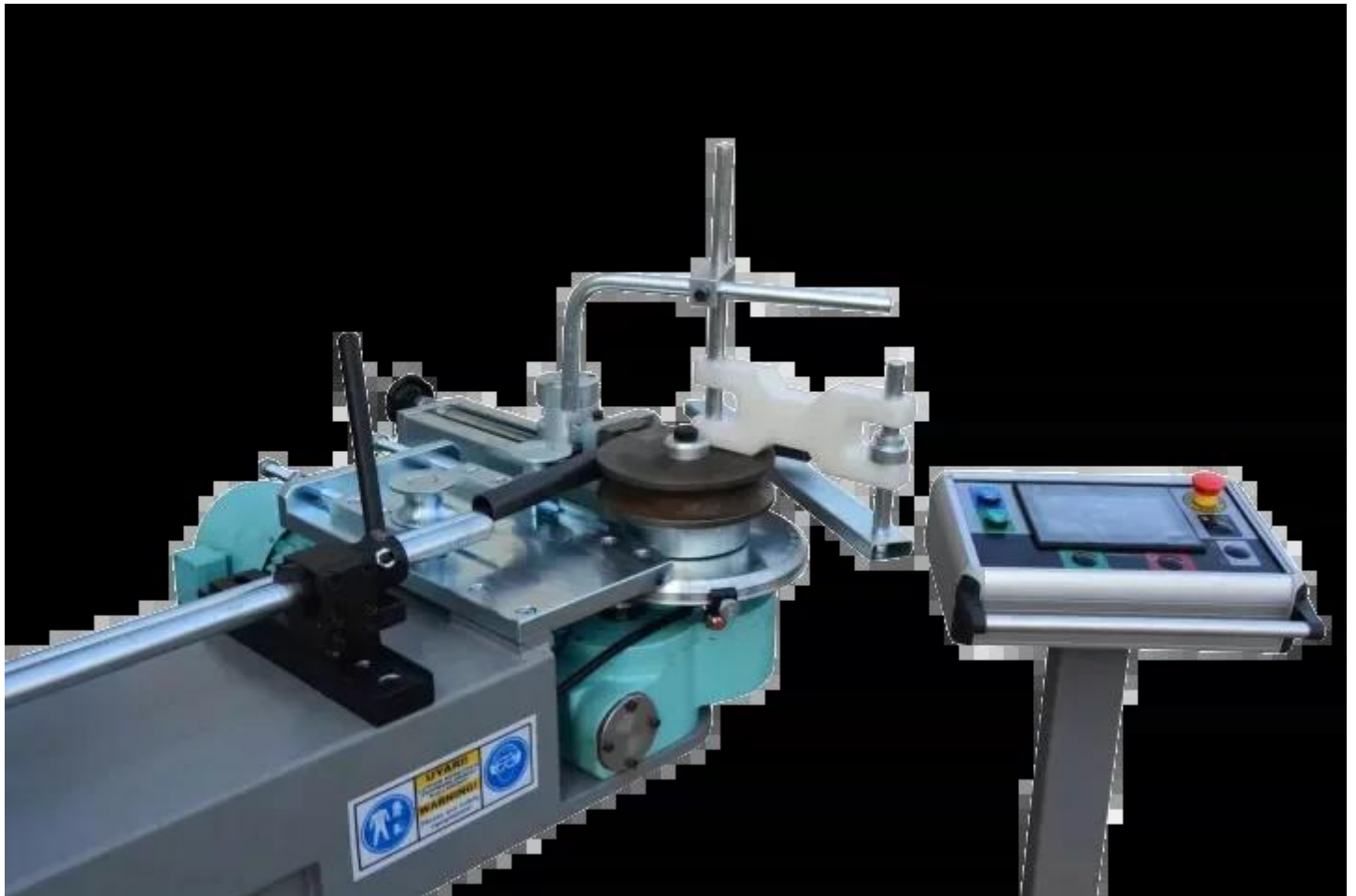
Control **PLC**

Product gallery

Photos of the CESURBEND PBM-32 E mandrel tube bender



CESURBEND PBM-32 E machine view



Bending area or PLC control panel

Key features

Advanced mandrel tube bender with digital control

PLC control – precise control of the bending process and greater repeatability of manufactured parts.

7" touchscreen – intuitive operation of settings, programs and machine operating parameters.

Memory for 100 programs – the ability to save repeatable settings for different parts and production batches.

Up to 5 bends in one sequence – convenient production of more complex tubular components.

Mandrel technology – reduces tube deformation and improves bend quality on curves.



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Hydraulic clamping — stable material holding and greater force during operation.

32 × 2 mm working range — bending steel tubes with a diameter of up to 32 mm and a wall thickness of up to 2 mm.

Robust industrial construction — a weight of 400 kg ensures stability in workshop and production applications.

Operating process

How does the PBM-32 E mandrel tube bender work?

1

Program setup

The operator selects or saves a bending program on the touchscreen, setting parameters appropriate for the specific part.

2

Material positioning

The tube or profile is positioned in the working area, while hydraulic clamping stabilizes the material during the process.

3

Repeatable bending

The machine performs precision mandrel bending, enabling repeatable production of components in small and medium batches.

Applications

Where is the CESURBEND PBM-32 E suitable?

Series production

- Repeatable tubular parts.
- Components requiring saved programs.
- High-accuracy production batches.



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Railings and structures

- Steel railings.
- Handrails and tubular frames.
- Structures made from profiles and tubes.

Workshops and production facilities

- Metalworking shops and metal production.
- Installation components.
- Decorative and technical parts.

Technical specification

Technical specifications of the CESURBEND PBM-32 E bender

Model **CESURBEND PBM-32 E**

Machine type **Semi-automatic mandrel tube bender for tubes and profiles**

Control **PLC**

Operator panel **7" touchscreen**

Program memory **100 bending programs**

Number of bends per sequence **Up to 5 bends in one sequence**

Maximum tube diameter **32 mm**

Maximum wall thickness **2 mm**

Maximum bending angle **190°**

Maximum bending radius **275 mm**

Bending speed **8,5 obr./min**

Bending motor power **2,2 kW**

Hydraulic motor power **1,5 kW**

Maximum tube length **2000 mm**

Machine length **2300 mm**

Machine width **1000 mm**

Machine height **1050 mm**

Machine weight **400 kg**

Applications **Bending tubes and profiles, series production, railings, steel structures, installations and decorative components**