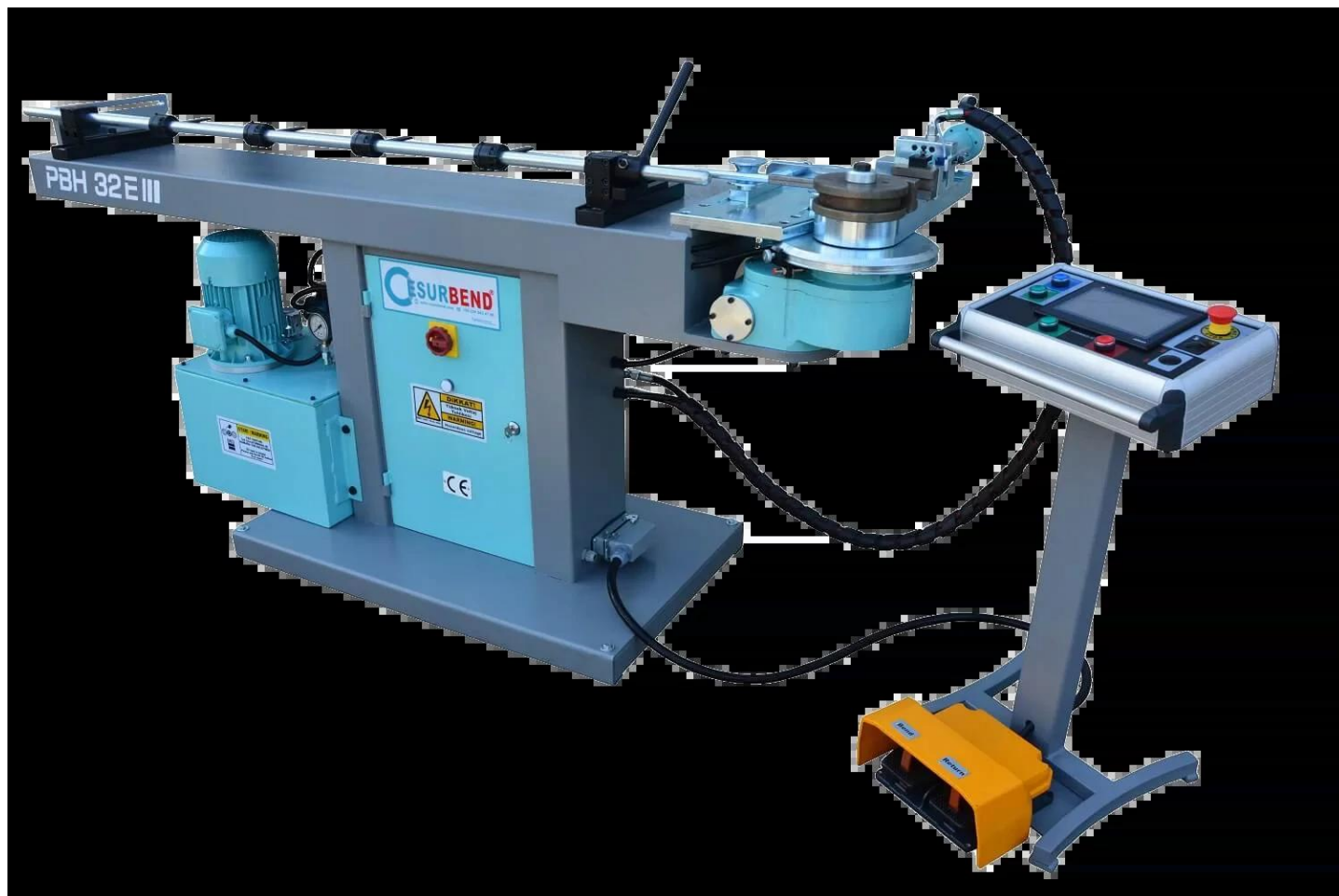


Semi-Automatic CESURBEND PBH-32E Mandrel Tube Bender





CESURBEND PBH-32E – semi-automatic mandrel tube bender for pipes and profiles, designed for precise bending of steel components up to 32 × 2 mm.

Hydraulic PLC Mandrel Tube Bender

Semi-Automatic CESURBEND PBH-32E Mandrel Tube Bender

Professional 32 × 2 mm pipe and profile bender with hydraulic clamping and PLC control

CESURBEND PBH-32E is a semi-automatic mandrel tube bender designed for precise bending of pipes and steel profiles. The machine is prepared for use in workshops, metalworking shops, production facilities and companies manufacturing structural, installation and decorative components.

The **PBH-32E** version combines mandrel technology with a hydraulic clamping system, facilitating stable material guidance and reducing deformation during bending. PLC control and the operator panel make it easy to set operating parameters and produce repeatable components in small- and medium-batch production.

KARTA PRODUKTOWA

Pipes and profiles up to 32×2 mm, a bending angle of up to 190° and hydraulic material clamping.

PBH-32E is a robust mandrel tube bender for precise bending of pipes, profiles, railings and structural components.

Pipe diameter **32 mm**

Wall thickness **2 mm**

Bending angle **190°**

Control **PLC**

Product gallery

Photos of the CESURBEND PBH-32E Mandrel Tube Bender



CESURBEND PBH-32E machine view



Electrical panel

Key features

Hydraulic Mandrel Tube Bender for Precise Pipe Bending

Mandrel technology — enables clean pipe bends while reducing flattening, kinking and material deformation.

Hydraulic clamping — stabilizes the material during bending and improves repeatability when working with tubular components.

PLC control — facilitates parameter setting and control of the bending process in workshop and production applications.

32 × 2 mm capacity — the machine is designed for bending steel pipes and profiles with a diameter of up to 32 mm and a wall thickness of up to 2 mm.



KARTA PRODUKTOWA

Bending angle up to 190° – the broad operating range makes it possible to produce both standard and more demanding bent components.

Bending radius up to 275 mm – allows the bend to be adapted to the component type, profile and required geometry.

2.2 kW bending motor – provides suitable power for stable operation in workshop and production applications.

Robust construction – the rigid machine frame supports work on repeatable steel components.

Operating process

How Does the PBH-32E Mandrel Tube Bender Work?

1

Parameter setup

The operator sets the bending parameters, selects the appropriate tooling and prepares the pipe or profile for operation.

2

Hydraulic clamping

The material is stabilized in the working area, allowing precise guidance of the pipe during the bending process.

3

Mandrel bending

The machine bends using a mandrel, reducing flattening and improving the quality of the finished component.

Applications

Where Does the CESURBEND PBH-32E Excel?



KARTA PRODUKTOWA

Railings and handrails

- Bending railing components.
- Production of steel handrails.
- Repeatable bends and tubular details.

Steel structures

- Frames and brackets.
- Structural components made of pipes.
- Profiles for technical enclosures.

Workshop production

- Metalworking shops and production facilities.
- Installation components.
- Decorative and functional details.

Technical specifications

CESURBEND PBH-32E Technical Parameters

Model **CESURBEND PBH-32E**

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

Control **PLC**

Maximum pipe diameter **32 mm**

Maximum wall thickness **2 mm**

Maximum bending angle **190°**

Maximum bending radius **275 mm**

Bending speed **8.5 rpm**

Bending motor power **2.2 kW**

Hydraulic motor power **1.5 kW**

Maximum pipe length **2000 mm**

Machine length **2300 mm**

Machine width **1000 mm**

Machine height **1050 mm**

Machine weight **400 kg**

Applications **Bending of pipes and profiles, railings, steel structures, installations, decorative details and workshop production**