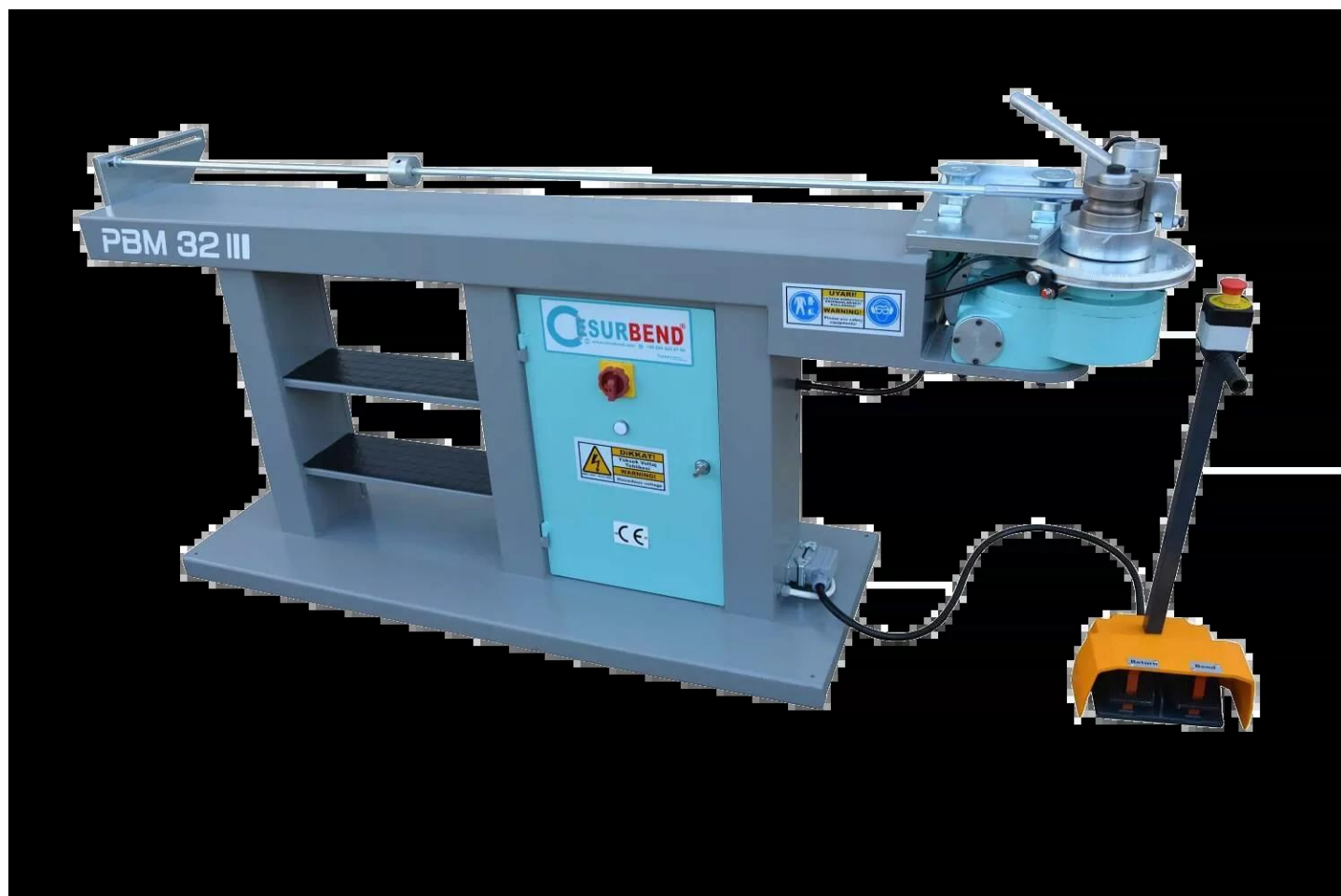
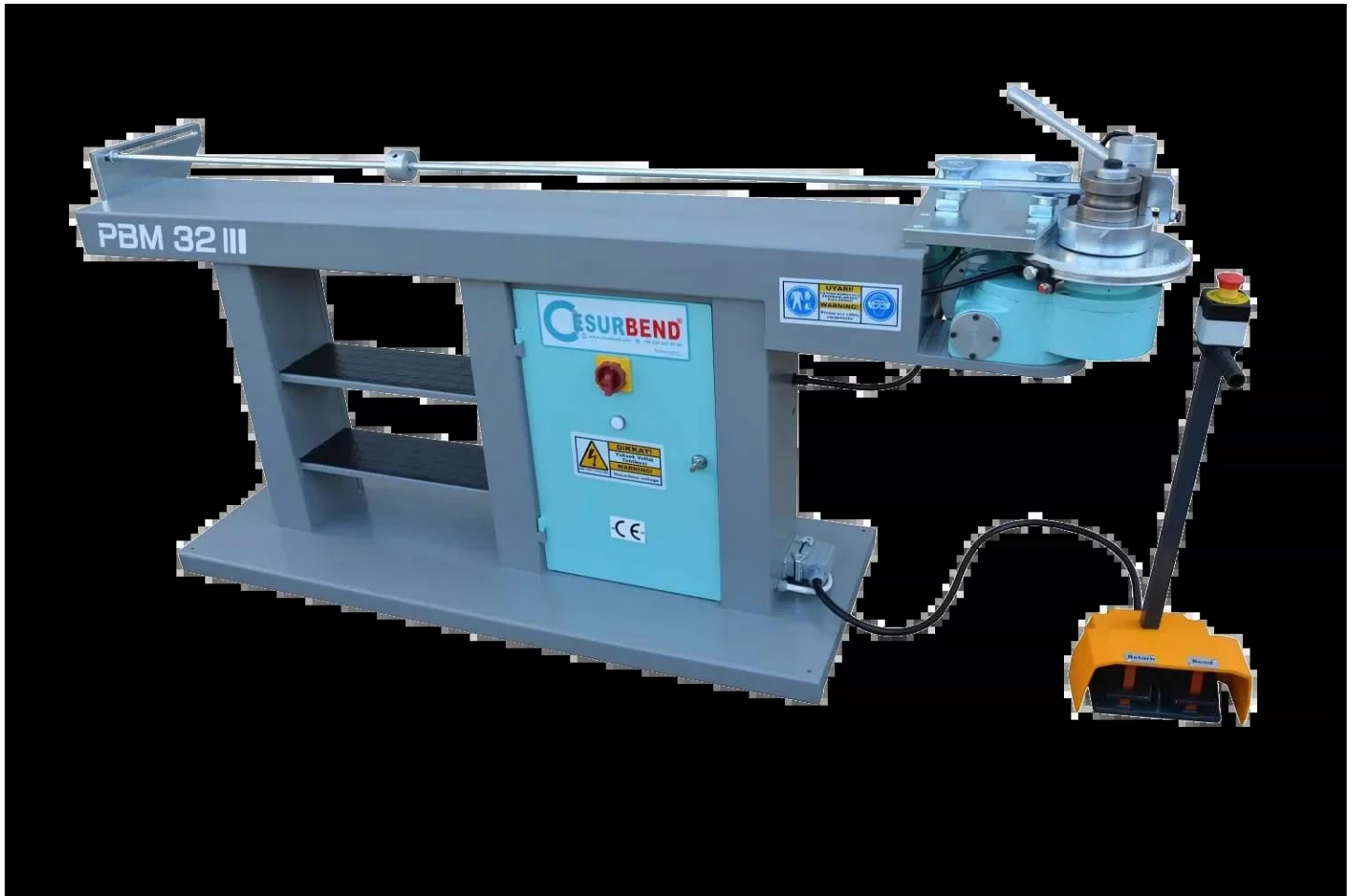


Semi-Automatic Mandrel Tube Bender CESURBEND PBM-32





CESURBEND PBM-32 – a semi-automatic mandrel tube bender for precision bending of steel tubes and profiles up to 32 × 2 mm.

Mandrel Tube Bender for Tubes and Profiles

Semi-Automatic Mandrel Tube Bender CESURBEND PBM-32

Professional bender for 32 × 2 mm steel tubes with a bending angle of up to 190°

CESURBEND PBM-32 is a semi-automatic mandrel tube bender designed for precision bending of steel tubes and profiles. The machine is designed for workshops, manufacturing plants, metalworking shops and companies producing structural, installation and decorative components.

Mandrel technology makes it possible to achieve high bending quality without excessive deformation, flattening or material kinking. This makes the **PBM-32** ideal for producing railings, frames, steel components, tubular structures and parts requiring repeatability.

Steel tubes up to 32 mm, wall thickness up to 2 mm, bending angle up to 190°.

KARTA PRODUKTOWA

PBM-32 is a compact and robust solution for precision bending of tubes and profiles in workshop and small-batch production.

Tube Diameter **32 mm**

Wall Thickness **2 mm**

Bending Angle **190°**

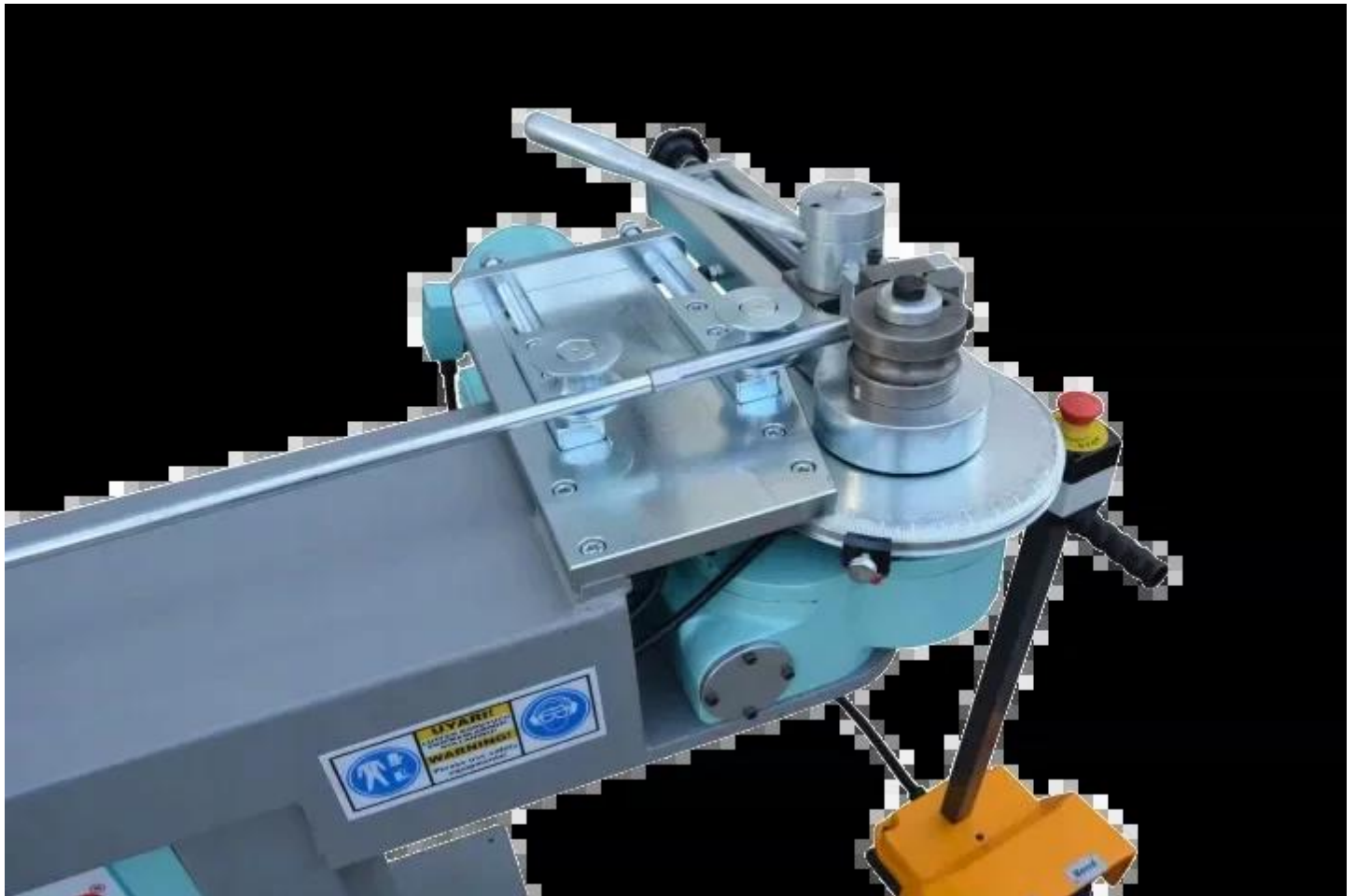
Motor Power **2,2 kW**

Product Gallery

Photos of the CESURBEND PBM-32 Mandrel Tube Bender



CESURBEND PBM-32 Machine View



Tube and Profile Bending Area
Key Features

Precision Bending of Tubes and Profiles Without Material Deformation

Mandrel technology – enables clean tube bends while reducing flattening and material kinking.

Working range 32 × 2 mm – the machine bends steel tubes up to 32 mm in diameter and with wall thickness up to 2 mm.

Bending angle up to 190° – the wide working range allows typical as well as more demanding bent components to be made.

Bending radius up to 275 mm – enables the bend to be matched to production requirements and the type of component.



KARTA PRODUKTOWA

2.2 kW motor — suitable power for stable work in workshop and production applications.

Tube length up to 2000 mm — the machine can process longer sections of tubes and profiles.

Compact design — dimensions of 2300 × 1000 × 1050 mm make it easy to position the machine in a workshop.

For small- and medium-batch production — ideal for repeatable steel components, railings and structures.

Operating Process

How Does the PBM-32 Mandrel Tube Bender Work?

1

Material Preparation

The operator prepares the tube or steel profile, selects the appropriate settings and positions the material in the machine working area.

2

Mandrel Bending

The machine performs bending using a mandrel that supports the tube internally and reduces material deformation.

3

Repeatable Part

After bending, the operator receives a clean, repeatable component ready for further processing or assembly.

Applications

Where Is the CESURBEND PBM-32 Best Suited?

Railings and Handrails

- Bending of railing components.



KARTA PRODUKTOWA

- Production of steel handrails.
- Repeatable bends and tubular components.

Steel Structures

- Frames and brackets.
- Structural components made from tubes.
- Profiles for technical enclosures.

Workshop Production

- Metalworking shops and manufacturing plants.
- Installation components.
- Decorative and functional details.

Technical Specification

Technical Specifications of the CESURBEND PBM-32 Bender

Model **CESURBEND PBM-32**

Machine Type **Semi-Automatic Mandrel Tube Bender for Tubes and Profiles**

Maximum Tube Diameter **32 mm – steel**

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**

Maximum Tube Length **2000 mm**

Machine Length **2300 mm**

Machine Width **1000 mm**

Machine Height **1050 mm**

Machine Weight **300 kg**

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