

# Curved Edge Banding Machine

This machine automatically applies edge banding to curved or irregularly shaped workpieces. It ensures a clean and efficient finish for curved edges using various edge banding materials.



## Overview



A robust, compact design optimized for curved and irregular workpiece finishing.

### Professional Automatic Curve Edge Bander

The HB4023 is a specialized automatic edge banding machine engineered for precision finishing on curved and irregularly shaped workpieces. Designed for high-efficiency woodworking, it combines robust construction with advanced control mechanisms to ensure clean, professional results on various edge materials. This machine is ideal for furniture manufacturers looking to automate the complex process of curved panel finishing while maintaining superior adhesion and quality.

## Technical Performance



Engineered for professional woodworking shops and furniture manufacturing.

### Performance Metrics

<b>3 m/min</b> Min Feeding Speed	<b>7 m/min</b> Max Feeding Speed	<b>2.95 kW</b> Total Power	<b>0.6 MPa</b> Air Pressure
-------------------------------------	-------------------------------------	-------------------------------	--------------------------------

## Workpiece Specifications

### Panel Capacities

Parameter	Specification
Edge Belt Thickness	1 - 3 mm
Panel Thickness Range	10 - 60 mm
Minimum Panel Size	50 x 200 mm
Maximum Panel Size	1000 x 2000 mm
Maximum Panel Weight	40 kg

## Control & Safety



User-friendly control panel featuring temperature regulation, speed selection, and safety emergency stop.

### Control Features

- Digital glue temperature regulator for precise adhesion
- Adjustable edge banding speed selector
- Vacuum generator for secure workpiece holding
- Emergency Stop Switch (EMS) for operator safety
- Switch lock mechanism
- Integrated power indicator and start/stop controls

## Physical Characteristics

Machine Dimensions	2275 x 1620 x 1580 mm
Net Weight	480 kg

## Technical Components



High-quality internal electrical components including inverters and transformers for reliable operation.

Internal Components	BK-150VA Transformer, OMRON SYSDRIVE Inverters, Circuit Breakers, Terminal Block Wiring
---------------------	---