



green GLUING

EDGEPRO

Hot Melt Coating Heads
Repeatable | Precise | User-friendly

RELIABLE ADHESIVE APPLICATION FOR EDGE BANDING

EdgePro is a coating head for edge banding of workpieces, and is mainly used in the wood industry. EVA and polyolefin hot melt adhesives, as well as PUR hot melt adhesives for thermally resistant and waterproof gluing can be processed.

Repeatable and Precise

The coating head applies the hot melt adhesive in a controlled manner. A sensor scans the plate. The adhesive is applied precisely from the beginning of the workpiece to the end, repeating accurately and in the desired quantity. The optimized nozzle geometry ensures uniform distribution of the adhesive across the entire width of the workpiece. The negative-closing switching element achieves a clean and precise cut-off and thus reduces contaminations at the nozzle.

User-friendly and Low-maintenance

The slim design ensures a straight-forward installation in new and existing systems. An optional mounting bracket allows easy positioning of the coating nozzle relative to the workpiece. The slot-type nozzle can be continuously adjusted up to 65/105 mm for the desired plate thickness and thus offers high production flex-

ibility. The nozzle width can be adjusted quickly and precisely to an accuracy of 0.1 mm using the handwheel and display. Automatic adjustment is offered as an option. Maintenance costs are reduced to a minimum thanks to an integrated adhesive filter that prevents nozzle blockages. The complete closing of the nozzle during extended interruptions also prevents the curing of reactive hot melt adhesives in the nozzle gap.

Your Advantages

- Precise and repeatable adhesive application with clean cut-off characteristics
- Uniform adhesive application across the entire edge length and width of the workpiece
- Improved productivity and production flexibility thanks to quick adaptation to new workpiece thicknesses
- High availability and low cleaning effort due to integrated filter and the possibility to close the nozzle completely



Manual adjustment with display



Motor-driven adjustment (optional)



Integrated adhesive filter



Precise edge banding

TECHNICAL DATA

	EdgePro 65	EdgePro 105
Application width	0 to 65 mm	0 to 105 mm
Temperature range	Max. 200 °C	
Adhesive pressure	Max. 100 bar	
Adhesive	Thermoplastic and PUR adhesives	
Adhesive viscosity	10,000 to 100,000 mPas ⁽¹⁾	
Minimum coating time	100 ms	
Minimum gap	100 ms	
Supply voltage	200 to 240 VAC, 50/60 Hz	
Supply voltage, solenoid valve	24 VDC / 8 W	
Air connection, solenoid valve	5 - 6 bar, unoled, cleaned acc. to ISO 8573-1 Class 4	
Air consumption	Approx. 8 ml/cycle (5 bar)	
Mounting	4x M5, Robatech mounting bracket: left and right version	
Sound pressure level	Approx. 65 to 70 dB(A)	
Degree of protection	IP42	

⁽¹⁾ Function test required if adhesives with higher or lower viscosity are used.