

EB 60 V

Adjustable Edge Banding Slot Gun



The evolution in edge banding - flexible and reliable. Nordson has developed this new slot nozzle technology for high quality adhesive application and sealing of wood edges.

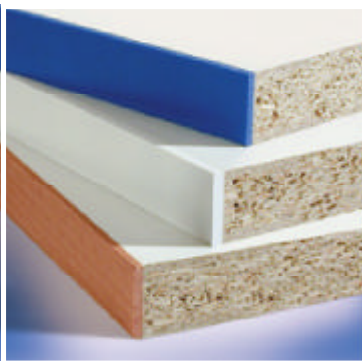
The application head EB 60 V is a mile stone for high product quality at lower production costs - the ideal alternative to the open glue roller systems traditionally used in the woodworking industry.

The applications for the EB 60 V include edgebanding, back edge sealing of substrates e.g. chipboards as well as soft forming.

The edgebanding application head of the EB series are highly flexible and are designed to apply a wide range of hot melt adhesives like EVA, polyolefines and polyurethanes (PUR) with viscosities from 10 000 to 100 000 mPas / cps*).

The adhesive is applied through a slot nozzle. The coating width can be adjusted up to a maximum of 60 mm / 2.4". The width adjustments can be made easily by turning a handwheel. A scale allows precise readout of the chosen coating width, making the changes fast and reproducible.

The slim gun design and the spring loaded bracketry allow easy installation in existing edge banding machines, even when the available space is limited.



Supplied with adhesive from a Nordson hot melt application system via a heated hose, the temperature of the EB application head can be controlled with a precision of +/- 1°C / °F. This ensures good bonding quality due to a constant adhesive viscosity and prevents the adhesives



from charring or premature curing. The volumetric metering of the adhesive in the melter by precision gear pumps allows to improve product quality while saving significant amounts of adhesive. Other benefits of the closed EB slot gun system includes:

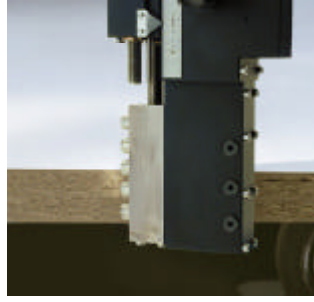
- no contamination
- no adhesive waste
- significantly less cleaning
- controllable and reproducible production process

* Adhesives with viscosities of more than 100,000 mPas / cps were also processed successfully; higher viscosity materials should be tested prior to use.

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Edge banding

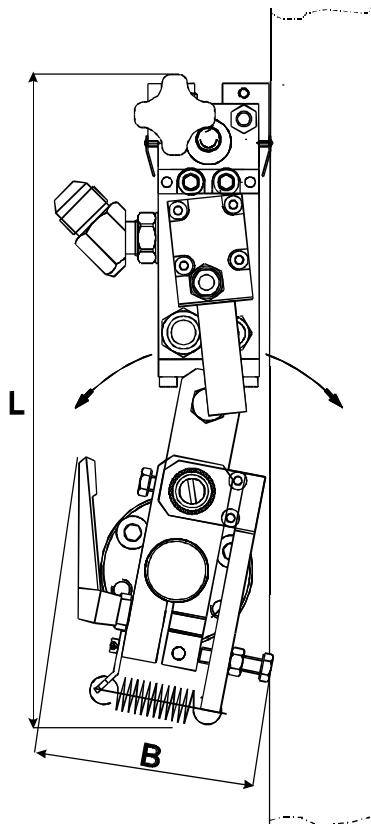


Backedge sealing

→
 Adjustment of the
 coating width by
 a „hand wheel“.

→
 Scale for precise
 readout of the
 coating
 width.

→
 Adjustable slot
 width.



*The slim design allows installation
 in machines with limited space.*

Specifications:

Operating temperature	max. 200 °C / 392 °F
Adhesive pressure	max. 7 MPa / 70 bar / 1016 psi
Application width	max. 60 mm / 2.4 in
Temperature sensors	FeCuNi, Ni 120
Air pressure	0.5 - 0.6 MPa / 5 - 6 bar / 7.3 - 8.7 psi
Operating voltage	230 V _{AC} 50/60 Hz, 1phase
Power consumption	300 W
Dimensions (l x w)	ca. 250 x 105 mm / 10 x 4.2 in
Weight	6,5 kg / 14.3 lb

For more information, talk with your Nordson representative or contact your Nordson headquarters office.

United States
 Duluth, Georgia
 Tel. (800) 683-2314
 Fax (770) 497-3733

Canada
 Markham, Ontario
 Tel. (905) 475-6730
 Fax (905) 475-8821

Europe
 Lüneburg, Germany
 Tel. (49) 4131-894-0
 Fax (49) 4131-894-149

Japan
 Tokyo, Japan
 Tel. (81) 3-5762-2700
 Fax (81) 3-5762-2701

Asia / Australia /
 Latin America
 Duluth, Georgia
 Tel. (770) 497-3400
 Fax (770) 497-3588



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