

EB 60 Flex Edge Banding Slot Applicators

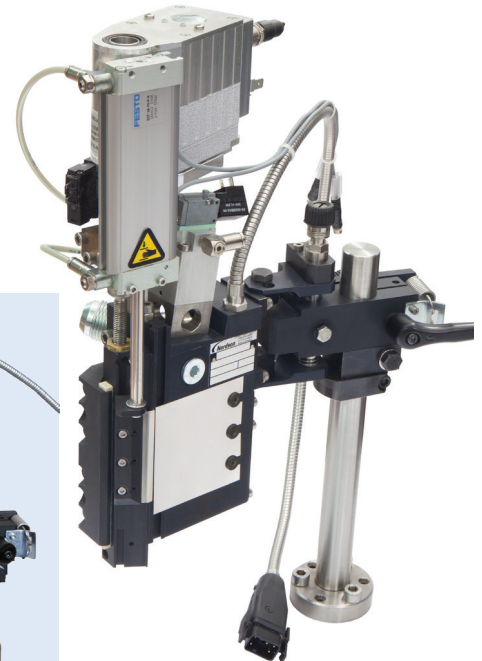
Flexible, precise edge banding applicator optimizes material use and maximizes production efficiency.

EB 60 Flex applicators offer:

- Volume compensation for high-quality, saleable product from the first panel
- Automated width adjustment
- Nozzle closing system
- Flexibility in material use and production
- Easy integration to a wide variety of OEM systems and software
- Reduction in material costs and maintenance



Manual Adjust Version



Motorized Adjust
(Standard) Version

The EB 60 Flex edge banding applicator delivers accurate, consistent hot melt adhesive application to the band or the board/panel for edge banding applications. “Edge-on-demand” technology and volume compensation eliminate excess air or adhesive from being expelled during coating width changes, meaning even the first panel produced is saleable. Manufacturers save material costs, decrease setup and maintenance time, and improve product quality.

Precise control of adhesive application allows use of only the amount of adhesive necessary for the optimum bond without the need for over application and subsequent clean-up.

EB 60 Flex applicators provide flexibility both in the adhesives you can use and the panel shapes that can be supported. Hot melt adhesives can include ethylene vinyl acetate (EVA), polyolefins and reactive polyurethanes (PUR). And, the ability to apply adhesive directly to the band – soft forming – means you are not limited to shapes with flat surfaces or edges.

A motorized version uses a motor to adjust the nozzle width based on input from a touch-screen control panel. The manual adjust version relies on a hand wheel for nozzle width adjustment.

Benefits

- No need to purge between width changes as volume is equalized inside the applicator to avoid squeeze-out or introduction of air into the nozzle.
- Nozzle closing device helps protect PUR adhesive in the nozzle opening from curing during machine/production stops.
- Increased productivity with shorter changeover time and less maintenance.
- Reduced adhesive use, so cost, due to precise, consistent adhesive application.
- Higher-quality bond and appearance with little or no rework to manually clean squeeze-out.
- Efficient, effective PUR adhesive use due to the closed dispensing system.
- Production flexibility by soft forming (adhesive applied to the band) with OEM integration or applying adhesive directly to the panel.

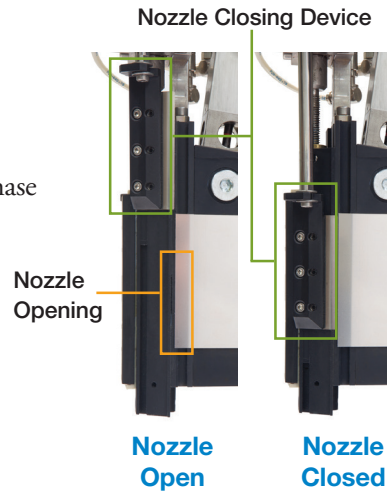
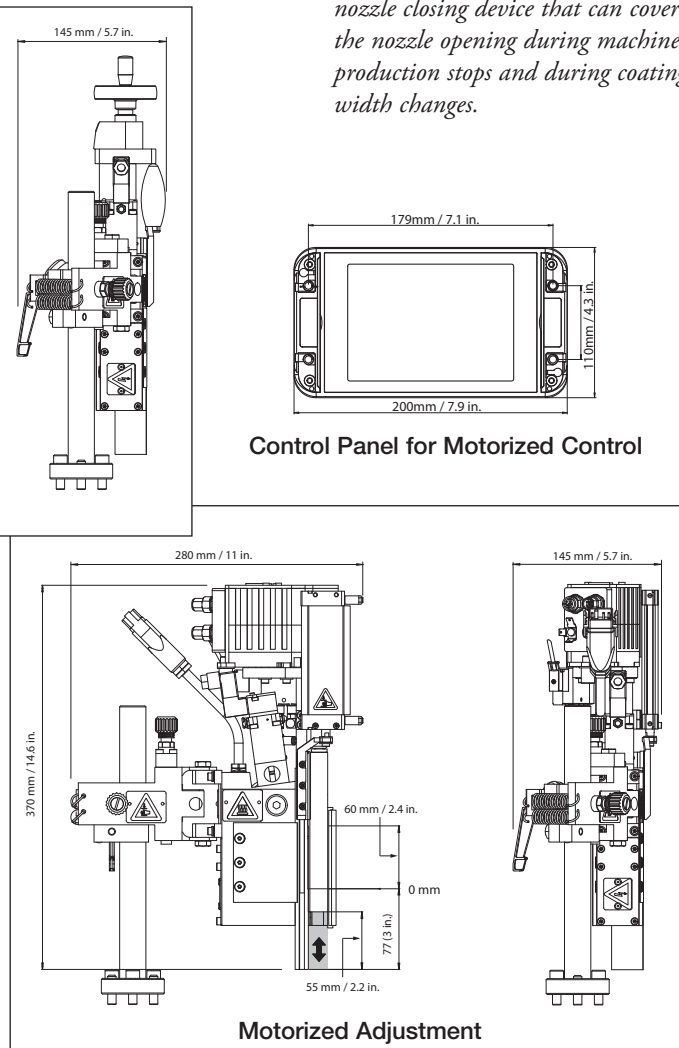
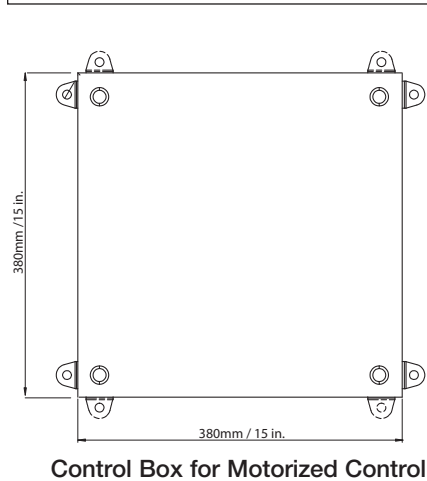
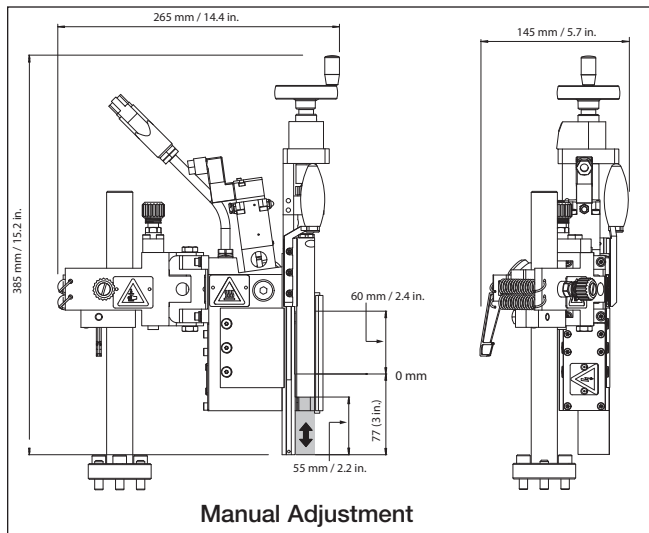
EB 60 Flex Edge Banding Slot Applicators

Specifications

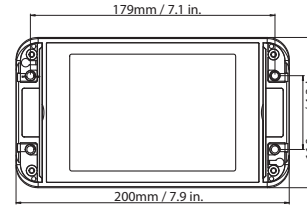
Application/Coating Width	5 to 60 mm (0.2 to 2.4 in.)
Maximum Operating Temperature	200° C (392° F)
Maximum Operating Air Pressure	6 bar (87 psi)
Maximum Adhesive Pressure ¹	30 bar (435 psi)
Temperature Sensors	Ni120
Operating Voltage - Motor Control	230V, 50/60 Hz, 1 phase
- Motor	24V
Applicator Weight (approx.)	
- Manual Version	6.82 kg (15 lb)
- Motorized Version	10 kg (22 lb)
Degree of Protection	IP50

¹ Maximum pressure for this application; 100 bar is the maximum the applicator can safely handle.

Dimensional Drawings



An additional feature, of particular interest when dispensing PURs, is a nozzle closing device that can cover the nozzle opening during machine production stops and during coating width changes.



For more information, speak with your Nordson representative or contact your Nordson regional office.

United States

Duluth, Georgia
(800) 683-2314 **Phone**
(866) 667-3329 **Fax**

Canada

Markham, Ontario
(800) 463-3200 **Phone**
(905) 475-8821 **Fax**

Europe

Erkrath, Germany
(49) 211-9205-0 **Phone**
(49) 211-254658 **Fax**

Japan

Tokyo, Japan
(81) 3-5762-2700 **Phone**
(81) 3-5762-2701 **Fax**

Asia/Australia/ Latin America

Amherst, Ohio
(440) 985-4797 **Phone**
(440) 985-1096 **Fax**

Find us on:



PAL-14-5856
Issued 7/14
© 2014 Nordson Corporation
All Rights Reserved.
Printed in U.S.A.
Nordson reserves the right to make design changes between printings.