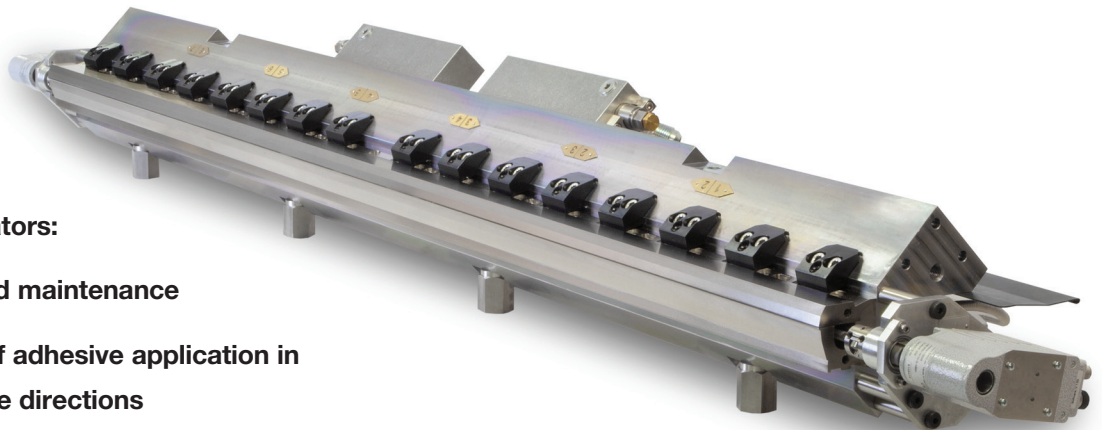


# TrueCoat® FS Slot Applicators

Flexible slot applicator offers production flexibility and operating efficiency.



TrueCoat FS slot applicators:

- Simplify installation and maintenance
- Improve consistency of adhesive application in cross web and machine directions
- Fulfill demand for increased automation, including optional grammage control software, with motorized width adjustment
- Support a wide range of production parameters and substrates

TrueCoat FS slot applicators combine consistent, reliable performance with application flexibility to improve product quality and production efficiency. The TrueCoat FS applicator can apply a variety of adhesives in continuous operation to a wide range of substrates, including paper, veneers, foils or films. These coated substrates are then applied to different types of boards (including chipboard, honeycomb panels, etc.) used in numerous furniture and woodworking applications.

The TrueCoat FS applicator delivers a consistent application of adhesive to the web in both cross-web and machine directions. Application (add-on) weights and coating width, using a patented coating width adjustment design, can be adjusted even during production. The motor-driven width adjustment from either side facilitates frequent application width changes and reduces operational risk by delivering the correct input signal for the grammage control software. Precise metering and accurate temperature control reduce adhesive consumption and improve product quality.

## Benefits

- Optimized, uniform adhesive distribution yields high product quality and reduces adhesive consumption.
- Automatic, motor-driven width control supports quick, easy applicator setup and changeovers.
- Optional add-on control software tied to application width and speed.
- Quick-exchange filters and solenoids make maintenance faster and easy.
- Specially-designed, compact body fit allows installation into tight spots and supports better web routing.
- Quick-exchange slot nozzle reduces the time needed for maintenance and increases machine uptime.
- Coating width geometry with increased lifetime due to enhanced contact surface.

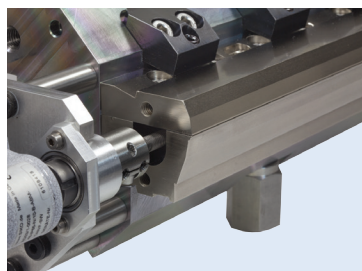
# TrueCoat® FS Slot Applicators

## Specifications

<b>Nozzle Slot Size</b>	0.4 mm
<b>Operating Air Pressure</b>	4 to 6 bar (58 to 87 psi)
<b>Maximum Adhesive Pressure<sup>1</sup></b>	30 bar (435 psi)
<b>Coating Speed</b>	10 to 60 m/min (32.8 to 196.85 ft/min)
<b>Maximum Operating Temperature</b>	230°C (446°F)
<b>Temperature Sensors</b>	Ni120
<b>Electrical</b>	230 VAC, 50/60 Hz, 1 phase
<b>Degree of Protection</b>	IP50

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

	Polyurethane (PUR)	Ethylene Vinyl Acetate (EVA) Polyolefin (PO)
<b>Application Widths</b>	100 to 700 mm (3.94 to 27.56 in.) 200 to 1,000 mm (7.87 to 39.37 in.) 200 to 1,400 mm (7.87 to 55.12 in.) 500 to 1,800 mm (19.69 to 70.87 in.)	100 to 700mm (3.94 to 27.56 in.) 100 to 1,000 mm (3.94 to 39.37 in.) 100 to 1,400 mm (3.94 to 55.12 in.) 500 to 1,800 mm (19.69 to 70.87 in.)
<b>Coating Weight</b>	30 to 80 g/m <sup>2</sup>	40 to 80 g/m <sup>2</sup> EVA 30 to 80 g/m <sup>2</sup> PO
<b>Adhesive Viscosity</b>	10,000 to 35,000 mPa*s	10,000 to 50,000 mPa*s



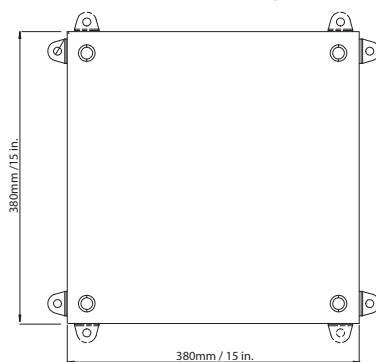
Automatic motor-driven coating width adjustment



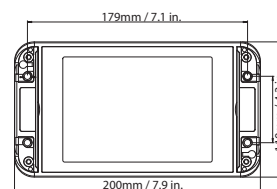
Touch-screen control panel



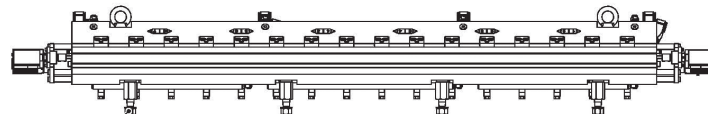
## Dimensional Drawings



Control Box for Motorized Control  
(depth is 210 mm/8.3 in.)



Control Panel for Motorized Control  
(depth is 60 mm/2.4 in.)



Applicator dimensions dependent on variant.

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

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