TrueCoat® FS Slot Applicators for Profile Wrapping

Flexible slot applicator offers production flexibility and operating efficiency.

TrueCoat FS slot applicators for profile wrapping:

- Simplify installation and maintenance
- Improve consistency of adhesive application in cross web and machine directions
- Allow easy adjustment of coating width even during operation
- Support a wide range of production parameters, adhesives and substrates

TrueCoat FS-PW slot applicators combine consistent, reliable performance with application flexibility to improve product quality and production efficiency. The TrueCoat FS-PW 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 profiles in many different shapes and materials for a variety of woodworking and building/construction applications.

The TrueCoat FS-PW 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.

Several configurations are available to meet specific production requirements. Hand wheels can be positioned on either the left side or the right side for single-side adjustment configurations. Or, two hand wheels can both be located on either the left or right side for dual-width adjustment from the center of the applicator.

Benefits

- Optimized, uniform adhesive distribution yields high product quality and reduces adhesive consumption.
- Closed design protects adhesive from contaminants and moisture, particularly beneficial with reactive polyurethane (PUR) adhesives.
- Quick-exchange nozzles, filters and solenoids make maintenance faster and increase machine uptime.
- Specially-designed, compact body fit allows installation into tight spots and supports better web routing.
- High production flexibility with adjustable application (add-on) weight and coating width.
- Coating nozzle geometry with increased lifetime due to enhanced contact surface.
- Simple, no-hassle installation and set-up.
## TrueCoat® FS Slot Applicators for Profile Wrapping

### Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coating Width</td>
<td>15 to 350 mm (0.6 to 13.8 in)</td>
</tr>
<tr>
<td></td>
<td>15 to 500 mm (0.6 to 19.7 in)</td>
</tr>
<tr>
<td></td>
<td>100 to 700 mm (3.9 to 27.6 in)</td>
</tr>
<tr>
<td>Nozzle Slot Size</td>
<td>0.4 mm</td>
</tr>
<tr>
<td>Operating Air Pressure</td>
<td>4 to 6 bar (58 to 87 psi)</td>
</tr>
<tr>
<td>Maximum Adhesive Pressure¹</td>
<td>20 bar (290 psi)</td>
</tr>
<tr>
<td>Coating Speed</td>
<td>10 to 100 m/min (32.81 to 328.08 ft/min)</td>
</tr>
<tr>
<td>Maximum Operating Temperature</td>
<td>200°C (392°F)</td>
</tr>
<tr>
<td>Temperature Sensors</td>
<td>Ni120 or PT100</td>
</tr>
<tr>
<td>Electrical</td>
<td>230 VAC, 50/60 Hz, 1 phase</td>
</tr>
<tr>
<td>Degree of Protection</td>
<td>IP50</td>
</tr>
</tbody>
</table>

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

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### Product Details

#### Front View
- 2 x pneumatic cylinder
- Web guide
- 2 x mounting studs
- Drip pan
- Hand wheel and position indicator

#### Back View
- 2 x pneumatic cylinder
- Control modules
- Bayonet filter
- Hose connection

Quick-exchange nozzles simplify maintenance and replacement.

New compact TrueCoat FS-PW design vs. old PWII design

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

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