

# Non-Contact Wide-Web Laminating Applicators



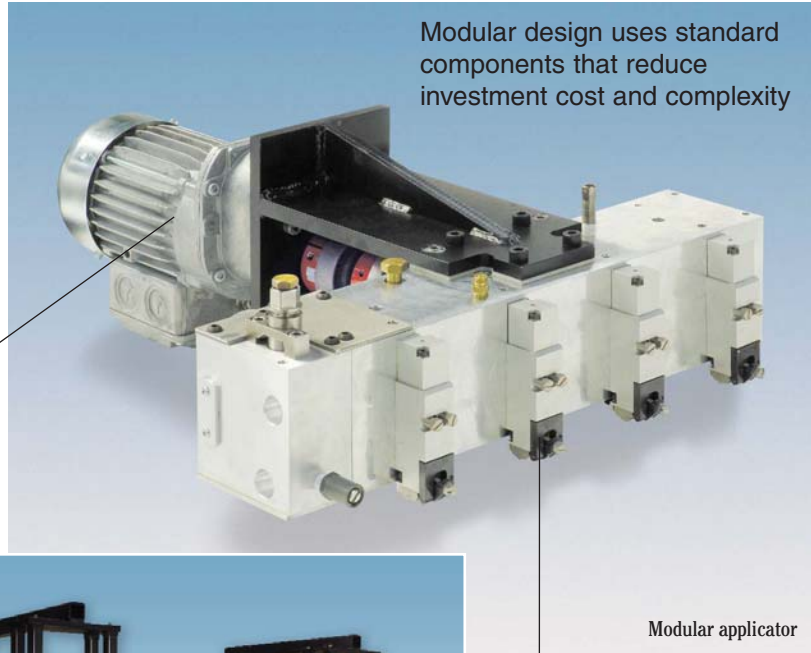
*Improve quality, reduce material costs and enhance productivity in plybonding applications.*

Non-contact wide-web laminating applicators:

- Produce high-loft tissues and towels
- Eliminate speed-limiting knurling or embossing
- Provide excellent drape, breathability and softness

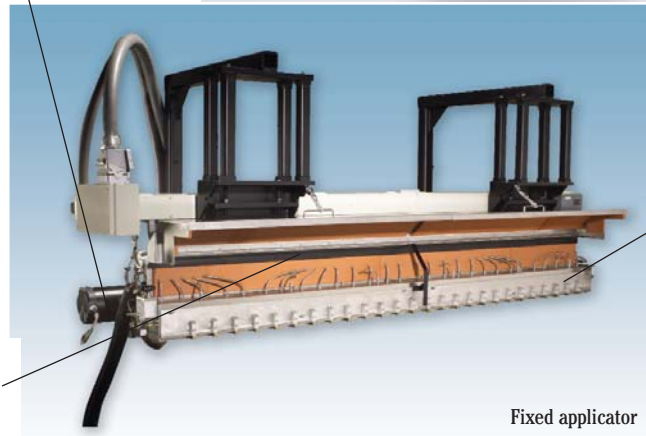
Precise metering and low add-on weights produce invisible bonds

Configurable features meet specific product needs



Modular design uses standard components that reduce investment cost and complexity

Modular applicator



Quick-change Universal™ modules add flexibility

Fixed applicator

Wide-web laminating applicators provide accurate non-contact control and delivery of hot melt adhesives. Consistent pattern coverage improves bond performance in numerous laminating applications, including tissues and towels, nonwovens surgical drapes and gowns, textiles, disposable backsheets and filtration media. Non-contact bonding allows manufacturers to cost-efficiently laminate spunbond, meltblown, foam and fabrics in different combinations.

Metered depositions produce add-on weights as low as 0.05 gsm, leaving no visible adhesive residue for excellent drape, breathability, filtration and softness. Hot melt adhesive bonding equalizes tension between layers for fewer web breaks than contact applicators, permitting higher line speeds than knurling or embossing.

Applicators are available in modular and fixed designs with a range of die widths and patterns for applying beads, spray, slot and melt-blown coatings. Single-platform Universal modules add dispensing flexibility with two-way actuation for metered or pressure-fed delivery. Fixed applicators are also available with three-way modules for adhesive dispensing or recirculation, and stainless-steel cover to minimize dust contamination.

Universal module screw applies uniform nozzle clamping for a positive hydraulic seal and thorough heating. Common Universal parts minimize inventory and simplify service.

## Non-Contact Wide-Web Laminating Applicators



VersaBlue® N series melters maximize accuracy with precision gear metering, variable-speed drives and intuitive graphic displays.



Adhesive-loading elevator protects operator from adhesive backsplash when replenishing melter.



Quick-change Universal modules provide dispensing flexibility.

### Specifications

#### Melt Rate<sup>1</sup>

**VersaBlue N series melters** 14 to 100 kg/hr  
(30.8 to 220 lb/hr)

#### Number of Pump Packs

**Modular** 4  
**Fixed** 2 to 8

#### Standard Die Widths<sup>2</sup>

0.76 m (30 in.)  
1.02 m (40 in.)  
1.52 m (60 in.)  
2.59 m (102 in.)  
3.45 m (136 in.)  
3.53 m (139 in.)

#### Operating Temperature

200° C (400° F)

#### Expansion Panels

**Modular** 8 channel  
**Fixed** 8 and 16 channel

#### Electrical Service

##### Modular

200 to 480 VAC, 3 phase,  
50/60 Hz

##### Fixed

240 to 400 VAC, 3 phase,  
50/60 Hz

#### Hot Melt Hose Lengths

0.6 to 12.2 m (2 to 40 ft)

<sup>1</sup> Range represents broad selection of melter capacities and performance.

<sup>2</sup> Custom die widths up to 8 m (315 in.) are available.

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

#### United States

Dawsonville, Georgia  
Telephone: (800) 727-7224  
Facsimile: (706) 216-2981

#### Europe

Lüneburg, Germany  
Telephone: (49) 4131-894-0  
Facsimile: (49) 4131-894-149

#### Japan

Tokyo, Japan  
Telephone: (81) 3-5762-2700  
Facsimile: (81) 3-5762-2701

#### Asia/Australia/Latin America

Amherst, Ohio  
Telephone: (440) 985-4496  
Facsimile: (440) 985-1096

[www.nordson.com](http://www.nordson.com)



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