

Non-Contact Wide-Web Laminating System



Non-contact system improves product quality, reduces material costs and improves productivity in web bonding applications.



The non-contact wide-web laminating system provides accurate control and delivery of hot melt adhesives. Its design allows a range of die widths and patterns, including bead, swirl, slot coating and meltblown. Consistent deposition and pattern coverage with low adhesive add-on weights improve bond performance in numerous laminating applications. These include tissues and towels, nonwovens surgical drapes and gowns, textiles, disposable backsheets and filtration media.

Features and Benefits

- **Long-life Universal™ modules** provide quick-change capability, reducing downtime.
- **Single-platform module design** provides dispensing flexibility with two- or three-way actuation for metered or pressure-fed delivery. Three-way modules allow adhesive dispensing or recirculation, while two-way designs are ideal when overall coverage width is unchanging.
- **Precise metering capability** applies add-on weights as low as 0.05 gsm, leaving no visible adhesive residue and reducing material costs.

- **Stainless steel cover over all moving components** prevents dust from collecting and minimizes maintenance.
- **Adhesive-loading protection** reduces material contamination and enhances operator safety.
- **Invisible bond** produces high-loft tissues and towels with softness of hand.
- **Non-contact delivery** sustains faster production speeds without web breaks caused by applicator contact.
- **Adhesive bonding** equalizes tension between layers for fewer web breaks and permits higher line speeds than knurling methods in tissue and towel lamination.
- **Efficient adhesive deposition** laminates spunbond, meltblown, foam and textile fabrics in different combinations, resulting in excellent drape, breathability, filtration and softness.

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Accurate metering and pattern control improve bond performance, producing higher quality laminations.



Adhesive-loading enclosure protects operator from adhesive splash back when replenishing melter.

Specifications¹

Melt Rate Range	66 to 540 lb/hr (30 to 270 kg/hr)
Number of Pump Packs	2 to 8
Standard Die Widths²	30 in. (0.76 m) 40 in. (1.02 m) 60 in. (1.52 m) 102 in. (2.59 m) 136 in. (3.45 m) 139 in. (3.53 m)
Expansion Panels	8 and 16 channel
Electrical Service	240V to 400V, 3 phase, 50/60 Hz
Hot Melt Hoses	2 to 40 ft in 5-ft increments (0.6 to 12.2 m)

¹ Ranges represent broad selection of available system components.

² Custom die widths up to 315 in. (8 m) are available.



Universal modules provide dispensing flexibility and quick-change capability.



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