

ROLLER COATERS

Roller Coating System for Adhesive Application

Valco Melton's Roller Coaters have been engineered to apply conventional, thermoplastic or reactive adhesives to different kinds of substrates delivered in irregular, pre-cut or pre-shaped pieces. The modular design of our roller coaters allows for the highest degree of customization, adapting to the specific production process requirements of each of our users and the industries they serve, from automotive components manufacturing to food and beverage packaging.

- Uniform and homogeneous coating, even when working with substrates with an uneven shape or surface and/or with constantly changing formats.
- Application widths from 300 to 1200mm.
- PLC Control with touch screen panel and Ethernet connection for remote access. Configurable access levels.
- Its modular design facilitates operator's access and parts disassembly for faster cleaning and maintenance tasks.



Stainless steel tank with low level sensor and reduced capacity for preventing adhesive degradation.

Our rollers may incorporate an air-tight tank version with dry air injection system as an option, to preserve reactive adhesive properties.



The coating station features the coating roller, a metering blade and a return blade.

The coating roller and return blade feature an innovative large output angle design, improving the coated substrate output angle and flow.



A MODULAR DESIGN TO ADAPT TO YOUR OWN REQUIREMENTS

Incorporate all the necessary elements for a seamless integration into your production process. Some of our modular elements include:

Coating Station

Featuring the coating roller plus a metering and a return blade, our coating stations can be easily integrated into your existing line, to incorporate gluing capabilities to your production process.

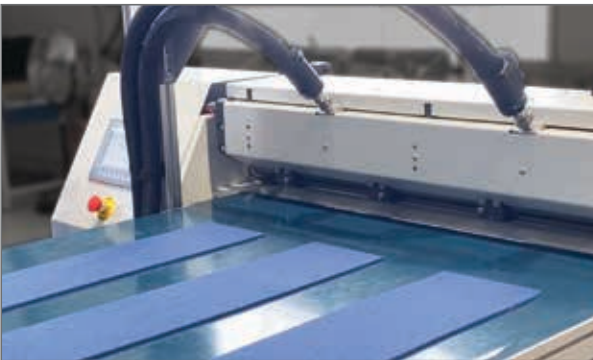


Pressure Roller

The pressure roller guarantees full contact of the substrate against the coating roll, for an homogeneous coating across the application width. For increased flexibility and simple changes between materials, the gap between the coating roller and the pressure roller can be easily adjusted using a manual micro-adjustment wheel.

Material Feeding Options

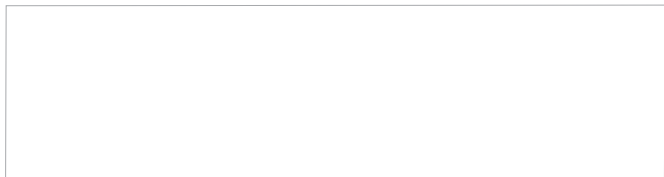
Our coating rollers can be integrated into your existing line, or can incorporate different material feeding options, from manual feeding tables to fully automated conveyors with reverse function for minimal operator intervention.



Complete Adhesive Dispensing Solution

As leading manufacturers of adhesive dispensing equipment since 1952, we can provide a solution that covers every single step of the gluing process, including a broad range of melters to work with different adhesive types, hoses, and accessories.

Roller Coater Characteristics		
Application Width	300-600 mm	600-1400 mm
Max. Line Speed	15 m/min	30 m/min
Adhesive Coating Weight	20-200 gsm	20-200 gsm



For more information, visit valcomelton.com or contact your local Valco Melton representative.

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