

ENDURANCE SERIES COATING APPLICATORS

Hot melt coating applicators with interchangeable nozzles

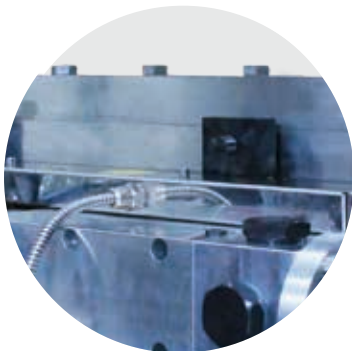
Bring in total flexibility to your coating process with Endurance Series applicators. Featuring interchangeable nozzles, you can easily transform your applicator from fixed to adjustable width, and switch from continuous to off-roll applications.

Key highlights of Endurance Series applicators include:

- Adapt to your line requirements. Endurance Series includes EP fixed width version and EA adjustable width version that can feature manual, motorized, or automatic width regulation systems.
- Achieve a homogeneous application throughout the whole coating width for any grammage. All applicators include a fine-tune regulation system to accurately adapt the nozzle to the surface of the back up roll.

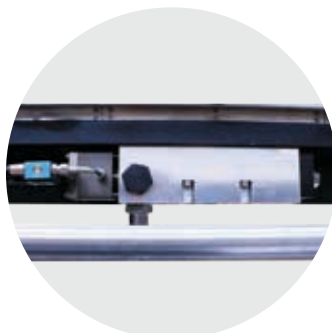
Width Adjustment Options

EA Adjustable Width Applicators feature manual, motorized or automatic width regulation systems



High Precision Adjustments

Regulation systems on the back side of the nozzle allow to adjust and adapt it to the exact surface of the back up roll.



Ensure cleaner applications and a precise adhesive cut with an integrated filter and dispensing module. Available as an option.

Accessories & Upgrades

Valco Melton offers a wide range of accessories and upgrade options to adapt to your own specific production line requirements.

Adhesive Dosing Upgrade Options

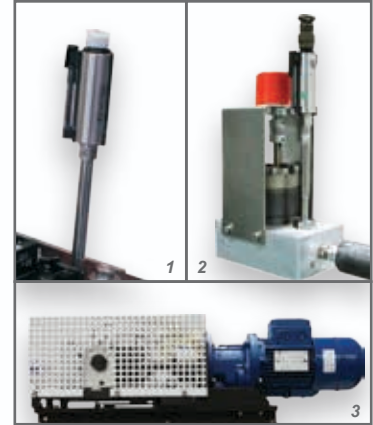
Improve adhesive dosing and achieve a better control of dosing consistency, even during machine ramp up/down. Depending on specific needs, options can vary from incorporating a pressure transducer, to flow metering systems or pumping stations.

Brackets

Utilizing the appropriate mounting bracket guarantees a correct adhesive penetration, coat-weight, and easy pattern adjustments.

Against-roll mount assemblies ensure that the coating head is accurately and consistently presented against the substrate and back up roll for minimal job-to-job alterations.

Off-roll mount assemblies allow for changes in substrate thickness. By maintaining a stable tension at the coating area, this bracket keeps the substrate in continuous contact with the die.

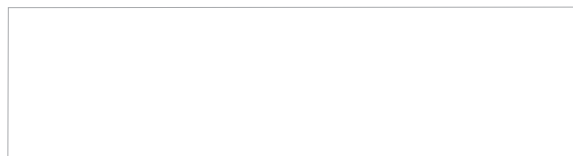


1. Pressure Transducer
2. Flow Metering System
3. EB Pumping Station

Technical Specifications

Endurance Series Applicators		
Standard versions	EP - Fixed Width Applicators	EA - Adjustable Width Applicators
Width Adjustment Options	Exchangeable shims	Manual / Motorized / Automatic
Nozzle Options	Continuous / Off-Roll	
Adhesive Input Options	Direct / With Filter / With Filter & Module	
Temperature Control	NI-120 / PT-100 / FEKO	
Max Coating Width	Up to 2200 mm	
Max Operating Temperature	240° C (464° F)	
Max Operating Pressure	100 bar	
Operating Speed	200 m/min	
Coating Thickness Range*	20 - 200 gr/sqm	
Max Electrical Consumption	Body Gun: 2000 W every 400 mm	

*Coating thickness will vary depending on the adhesive type



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

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