



FLEXCOAT SERIES

Configurable Applicator for Continuous, Intermittent, Off-Roll, or Rotating Bar Applications

Minimize your spare parts stock and create faster work changes with Valco Melton's FlexCoat Applicators, which can be easily configured for continuous, intermittent, off-roll, or rotating bar applications. A reversible nozzle is an effective solution that allows lamination in both directions. This can easily be removed for ultra-fast shim set-up.

Key highlights of FlexCoat applicators include:

- High flexibility. Select between a wide range of module and nozzle options.
- Minimize set-up times. An easy removal mechanism allows for fast changes between different nozzle types.

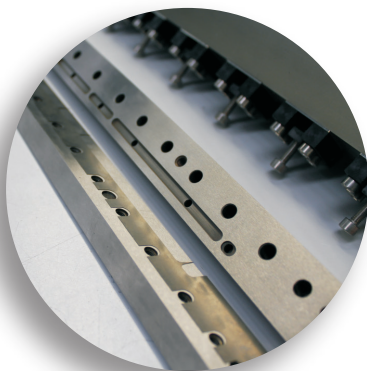
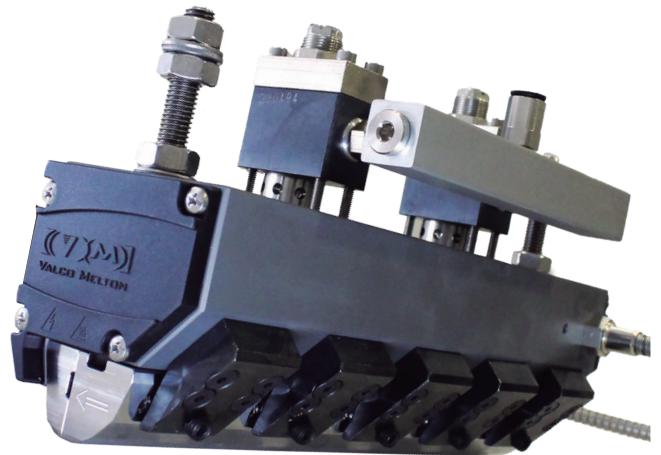


Select the right module

MI III modules guarantee the cleanest cut-off even at high speed intermittent applications.

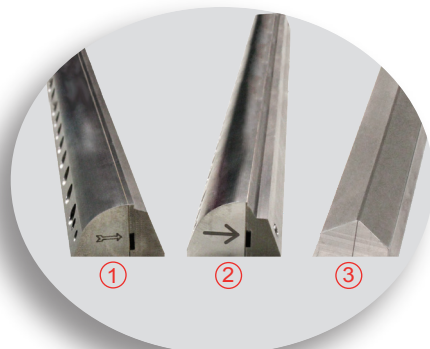
MT Modules feature a micro-regulation system, making them ideal for applications where extreme precision on the adhesive dosage is required.

MP II Modules are designed for continuous applications.



Adhesive Channel Options

Nozzles can feature one single adhesive channel or separate channels for each module, which allows for faster changes between a set of predefined formats.



Quick Nozzle Change Available

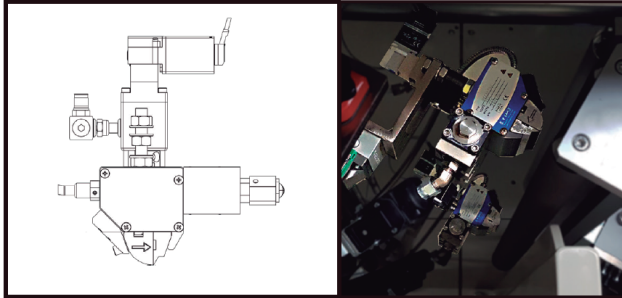
FlexCoat applicators allow for simple changes from one nozzle type to another. Options available include *off-roll* (1), *intermittent* (2), and *continuous* (3). All nozzles can be turned to allow lamination in both directions.

Work on both directions

Our nozzle design is symmetric and can be installed into the applicator manifold to work from left to right or from right to left. This gives the customers the flexibility to place the applicator in whatever position is more convenient for them, regardless of the web direction.

Great Resistance

Our standard nozzles are made of stainless steel and fully hardened, HRC56. There is an extra hardened nozzle option that reaches HRC67.



Always work on the right position

The applicator manifold also features a configurable 2D "Poka-Yoke" pin system that acts as a nozzle positioner in the cross web direction, it stops the slot die at the right place when slid into the applicator body, and also in the machine direction, preventing the operators to place the nozzle in the wrong position related to the web direction.

Technical Specifications

| FlexCoat Series Applicators | | | |
|-----------------------------|--------------------------------------|-------|----------------|
| Module Options | MI III | MP II | MT |
| Cycle Time | 8 ms | 15 ms | 15 ms |
| Max Coating Width | Up to 1100 mm | | |
| Operating Speed | 500 m/min | | |
| Max Operating Temperature | 240° C (464° F) | | |
| Max Operating Pressure | 100 bar | | |
| Nozzle Options | Continuous / Off-Roll / Intermittent | | Rotating Bar |
| Coating Thickness Range* | 1,5 - 200 g/ sqm | | 15 - 60 g/ sqm |
| Max Electrical Consumption | Body Gun: 500 W every 100 mm | | |
| Adhesive Input Options | Direct / With Filter | | |
| Temperature Control | NI-120 / PT-100 / FEKO / NTC | | |



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

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