



MITO SERIES MULTI-PATTERN APPLICATORS

For High Speed Intermittent or Continuous Applications

Valco Melton's new MITO Applicators are engineered to allow simultaneous application of different adhesive patterns on the same substrate with only one applicator head. MITO Applicators are available in metering and pressure-fed configurations with width ranges from 25mm to 1600mm.

- Each module is metered independently every 25mm with a high precision gear pump for different flow, pressure and grammage (coat-weight) configurations. This ensures an even cross-web adhesive distribution with immediate hydraulic response and reduces waste during machine ramp-up.
- All MITO Series Applicators feature one resettable pressure relief valve per module. This allows the user to select each module into recirculating mode, minimizing adhesive degradation.
- The same applicator can perform spray, slot, multi-swirl, random fibers, strand coat or any simultaneous combination of these options, depending on your application's requirements.
- Pump capacity can be configured every 25mm.
- Pumps can be changed easily for quick changeovers.



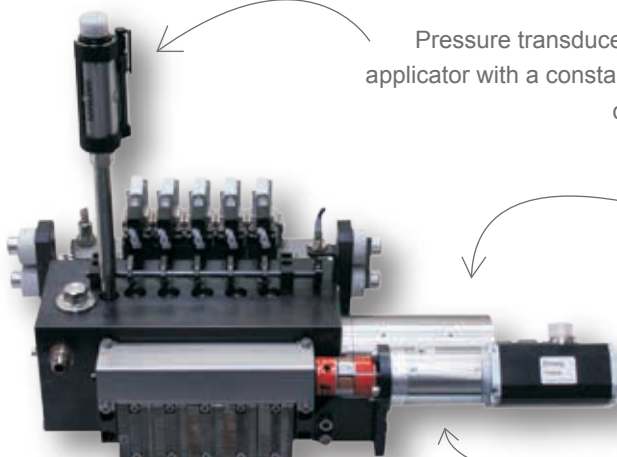
MI III Modules designed for precise hot melt dispensing and a sharp cut off at all machine speeds.

Resettable pressure relief valves



Pressure transducer feeds the applicator with a constant pressure control loop

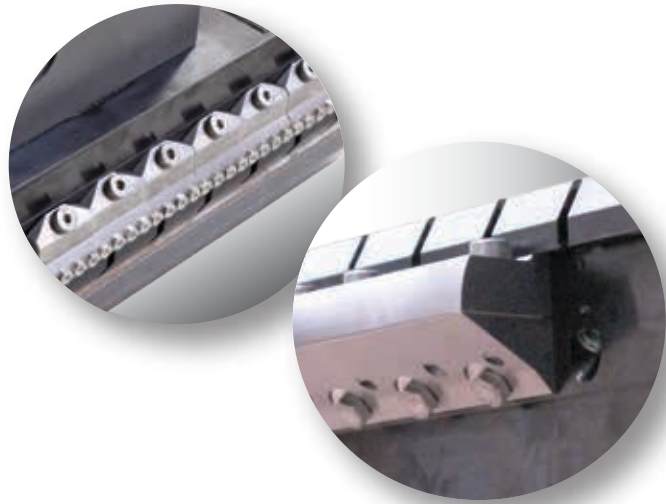
Optional in-line viscosity control allows the system to keep constant viscosity through a closed loop



Servo Motor for consistent adhesive output

Increase production flexibility

Each MITO Series Applicator features an Integrated Nozzle Changeout System for fast and effortless pattern changes between swirl, melt-blown elastics and slot coat configurations. Add extra capabilities to your production line while minimizing investment and spare parts stock.



BAT E



BAT L



BAT S



BAT V



BAT SLOT



MITO Series Applicators

Max. Operating Temperature	240° C / 464 ° F
Max. Operating Hydraulic Pressure	100 bar / 1450 psi
Max. Operating Air Pressure	6 bar, 18 L / min
Max. Size	1600 mm body length
Max. Spray Air Pressure	2.5 bar , 14-40 L / min per module
Operating Viscosity	500 - 50000
Pump Size	0.170 , 0.248 , 0.320 and 0.584 cc/ revolution



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

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