



MITO SERIES NON-CONTACT COATING APPLICATORS

Low add-on coatings with guaranteed streak-free finish

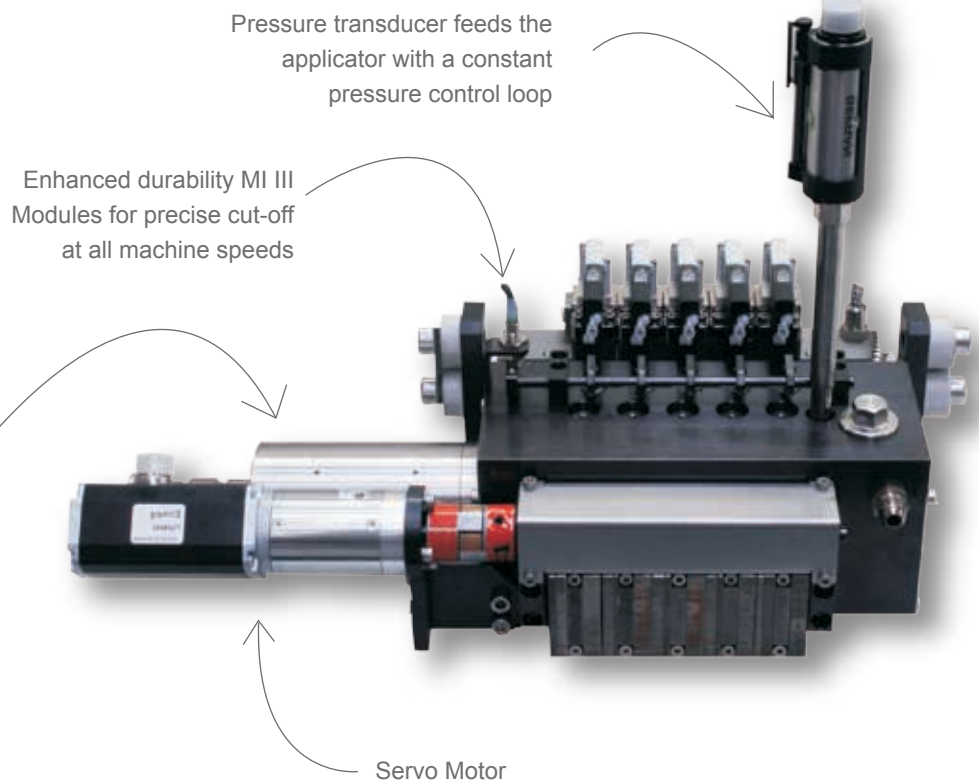
Valco Melton's MITO Series Non-Contact Coating Applicators have been specifically designed to perform at the lowest coating grammages while maintaining a streak-free finish. Coating width, coat weight and adhesive patterns can be easily configured, minimizing set-up and changeover times. Non-contact applications are ideal for working with irregular and/or heat-sensitive substrates.

- Each module is independently metered every 25mm with a high precision gear pump for various flow, pressure and grammage configurations. This ensures even, cross-web adhesive distribution along with an immediate hydraulic response and reduces waste during machine ramp-up.
- All MITO Series Applicators feature one resettable pressure relief valve per module that allows you to select each module into recirculating mode and minimize adhesive degradation.
- The pump capacity can be configured at every 25mm.
- Pumps can be easily modified, reducing changeover time.
- In non-contact coating applications, small particles are swept away with the adhesive flow, eliminating the risk of scratches on the coating surface.



Resettable pressure relief valves allow you to select each module into 'recirculating mode'

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



Why non-contact coating applicators?

Valco Melton's MITO Non-Contact Coating Applicators apply a thin coat of hot melt adhesive without direct contact between the substrate and the coating die.

No product damage. The distance between the coating die and the substrate prevent any possible damage from occurring on heat sensitive substrates such as PP, PE and PET.

Adequate for all substrates. By not placing the die directly in contact with the surface, MITO Applicators can work with substrates that have an uneven or irregular surface to achieve a homogeneous coating.

Streak-free result guaranteed. Small particles or contaminants that may lay on the surface of the substrate are swept along by the adhesive, eliminating the risk of scratching that is sometimes associated with contact coating processes.

Low add-on coatings. The adhesive curtain dispensed from the nozzle is stretched with the movement of the substrate, accomplishes minimal coating weights and maintains a homogeneous coating.



MITO Non-Contact Coating 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
Operating Viscosity	500 - 50,000
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.

World Headquarters: USA, Cincinnati, Ohio (Corporate Offices) • Tel:+1.513.874.6550 • Fax: +1.513.874.3612

Europe Headquarters: Spain, Navarra • Tel:+34.948.321.580 • Fax:+34.948.326.584

Asia Headquarters: China, Xiamen, Fujian • Tel:+86.592.591.7854 • Fax:+86.592.591.7834

info@valcomelton.com • Serving over 76 Countries Worldwide • valcomelton.com