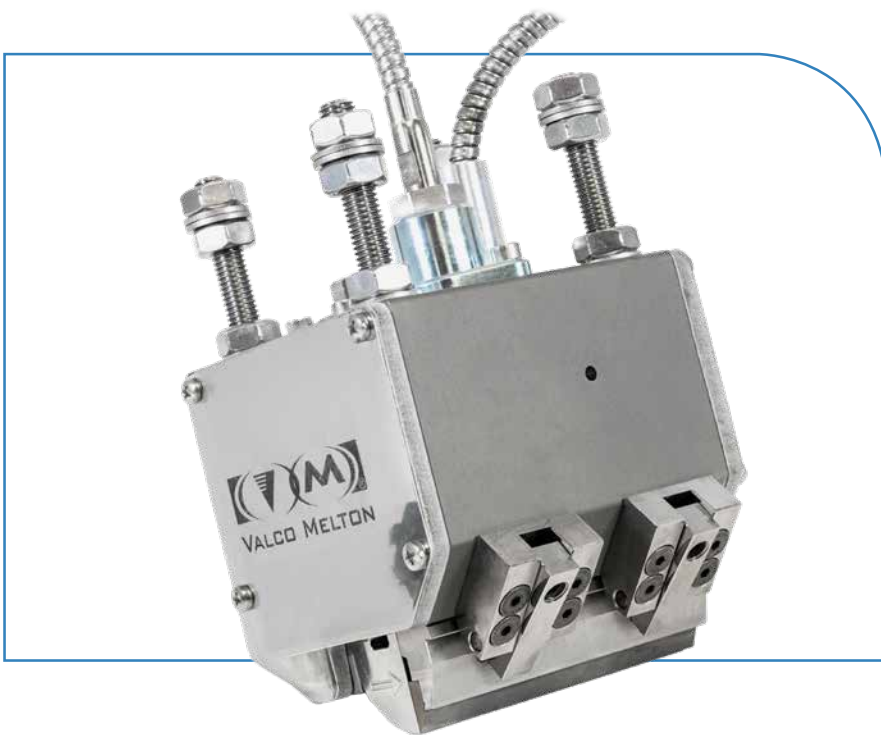


# vmGENESIS SLOT APPLICATORS

## Electric, high-speed, intermittent slot coating applicators for the nonwoven industry

The patent-pending vmGenesis® Electric Applicators are designed to maximize durability and reduce downtime in demanding hygiene manufacturing processes. The new electric snuff-back modules deliver a clean coating application with precise cut-off and feature zero dynamic seals, enabling a service life over 2 billion cycles. By eliminating air-related wear issues, vmGenesis patent-pending technology guarantees a stable performance and repeatable patterns over time, while significantly reducing maintenance and spare parts consumption.



### New electric snuff-back modules

Unaffected by compressed air quality or stability, they consistently provide a precise, clean cut-off on high-speed intermittent slot coating applications.

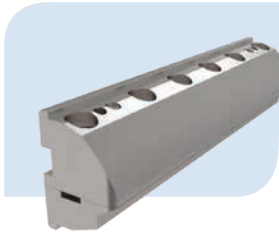


### New Fortitude nozzles for extended durability

Our new Fortitude slot coat nozzles feature a tungsten carbide insert for a 10-times longer nozzle service life than traditional stainless-steel, even when working with abrasive materials in feminine hygiene products, such as release paper.

- **Lasts 10 times longer than pneumatic alternatives.** Zero dynamic seals and no air-related wear issues enable 2,000 million cycles of operation.
- **Fewer and simpler maintenance interventions.** Fewer moving parts eliminate frequent service interventions, spare part replacement, and production interruptions.
- **Precise cut-off and clean, repeatable patterns.** Consistent application over time, unaffected by air quality or pressure fluctuations. Even on demanding, high-speed intermittent applications such as release paper, wings, and easy wrap.
- **Silent operations for safer working environments.** Electric technology eliminates the operating noise associated with pneumatic systems.

## Configurable Options for Every Application



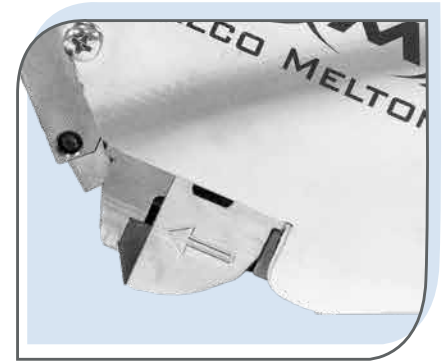
Standard



Dual



Fortitude



### Range of Nozzles

- **Standard nozzles** are made of stainless steel, and available for applications up to 1,000 mm wide.
- **Dual nozzles** are available for applications up to 600 mm wide that require two separate or overlapping application zones.
- For demanding applications up to 350 mm wide, our **Fortitude nozzles** feature a tungsten carbide insert that provides a 10x longer service life when compared to any stainless steel nozzle available in the industry.

### Module Options

- As a standard, vmGenesis applicators feature our new electric snuff-back modules that provide the durability, pattern consistency, and maintenance reduction benefits associated with our electric technology.
- A pneumatic module option is available for continuous applications where a sharp cut-off is not required, allowing manufacturers to benefit from a single vmGenesis platform across the entire line.

### Optional insulated cover

- Improve thermal stability and energy efficiency with our optional insulated covers.

## Technical Specifications

vmGenesis Slot Applicators	
Max. Operating Temperature	230 °C
Max. Operating Hydraulic Pressure	100 bar
Coating Thickness Range	20 µm - 1 mm
Max. Coating Width	1000 mm (350 mm for Fortitude nozzles)
Operating Speed	10-500 m/min
Electrical Service	190-250 VAC 50/60 hZ
Max. Activation Time	2.5 ms
Opening Delay	2.5 ms
Closing Delay	2.5 ms
Module Durability	2,000 million cycles
Max. Viscosity	500-3000 cps

For more information, visit [valcomelton.com](http://valcomelton.com) or contact your local representative

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