



MEX SERIES

Adhesive Extruder Series

Valco Melton's MEX Series extruders achieve the highest melting rates when working with adhesives delivered in granulate format, such as EVA, PO, PA, or polyester, and provides a constant, homogeneous adhesive flow. Melt on demand technology preserves adhesive properties, preventing degradation, while extrusion technology eliminates the need for cleaning when switching between adhesive types.

Key highlights of the MEX Series include:

- Precise temperature control
- Minimize cleaning and maintenance downtime
- End unwanted production stoppages related to refilling with an integrated autofeed system
- Eliminate adhesive degradation with this closed, melt on demand system

The auto-feed system provides a safer working environment and prevents the risk of running out of adhesive, while eliminating refilling downtime

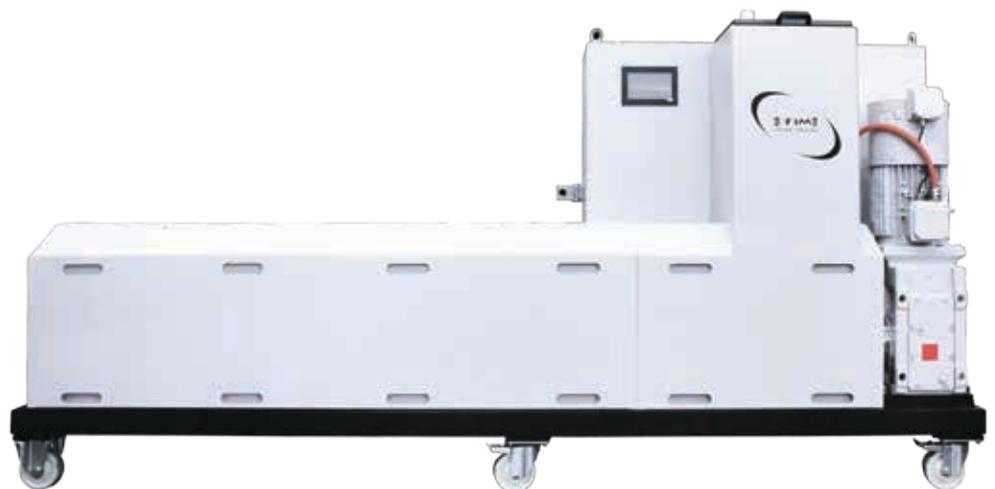


The extruder control is accessible through a user-friendly PLC touchscreen. Different standard fieldbus communication interfaces available

A water cooler system prevents clogging in the feeding area (Optional feature)



Output pressure transducers activate the discharge module to avoid overpressure on the system



Optional Remote Pumping Station



Pumping Stations increase the adhesive delivery points of your existing melters and extruders. Because of separately controlled gear pumps that achieve a precise volumetric dosing, adhesive grammage precision, pattern consistency and quality are improved.

This metered delivery reduces thermal stress on heat-sensitive substrates, minimizing adhesive degradation and improving overall productivity and lamination quality. By installing the pumping stations close to the application, the adhesive waste is minimized.

All pumping stations have an integrated pressure transducer and filter.

Technical Specifications

MEX Series		
System	MEX 100	MEX 200
Melting Capacity (kg/h)	100	200
Number of Pumps	Up to 4	
Working Temperature	30-240°C	
Electrical Connection	230 III + T, 400 III + N + T	
Max. Working Hydraulic Pressure (bar)	90 bar	
Temperature Sensors	Ni120, PT100, FEKO, NTC	
Length / Diameter (mm)	1660/67	2300/90
Motor Power	5.5 Kw	18.5 Kw
Heating Power	14.4 Kw	33.75 Kw
Reduction Gear	1:30	1:35
Extrusion Screw	Nitrided Steel 41 CRALMO7 NITR (1050 HVC)	

Remote Pumping Stations	
Pump Type	Single or Dual Stream
Motor Type	AC, AC with Encoder or Servo
Pump Size (cc)	1-70



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:+34.948.321.585 • Fax:+34.948.326.584

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

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