

Ultra FoamMix® Adhesive Extruder

Nordson®

Provides high-volume dispensing of foamed hot melt materials for a variety of bonding, sealing, gluing and gasketing applications.



The Nordson® Ultra FoamMix series of applicators are the result of continuous improvement on a proven model of success. These enhanced applicators provide advanced controls, improved serviceability and pinpoint temperature control in a system that can melt and deliver up to 300 ltrs/hour of low to medium viscosity foamed material.

Advanced Application Technology

The Nordson Ultra FoamMix process dramatically improves the performance of most hot melt adhesives by mixing them with inert gas, creating a homogeneous solution. As the material is dispensed the gas expands to create a closed-cell foam. The foamed material is applied like the more conventional approaches, but provides the following benefits:

- **Reduced adhesive consumption** of up to 50 percent.
- **Dramatically reduced energy consumption**, as the amount of adhesive which needs to be molten is reduced.
- **Increased open time** produces longer, more useful beads and provides greater flexibility.

- **Faster set time** for increased line speeds and production rates. Labor is reduced and less warehouse space is required for inventory.
- **Volumetric increase** for greater gap filling capabilities.
- **Improved wetting** increases the ability to bond impervious surfaces and enhances application versatility.
- **Lower heat density** reduces heat damage and improves operator safety.
- **Reduced sagging or running** for uniform adhesive thickness.
- **Increased penetration** creates stronger bonds and results in fewer rejects.

Ultra FoamMix extruders are ideal for applications where the adhesive needs to be changed often and quickly. Unlike a tank system, the extruder has a minimum of material under temperature.

Packaging - Processing
Bid on Equipment
1-847-683-7720
www.bid-on-equipment.com

Ultra FoamMix® Adhesive Extruder

Specifications

Electrical Requirement	3 x 400 VAC + N + PE
Hose Connector Diameter	for 8 mm, 13 mm or 16 mm hoses
Recommended Fusing and Wire Size	100 A/phase, 5 x 10 mm ²

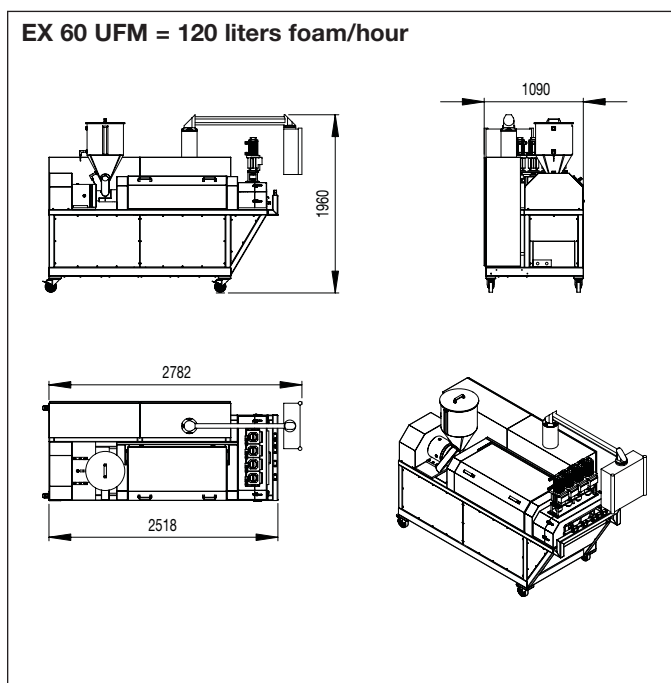
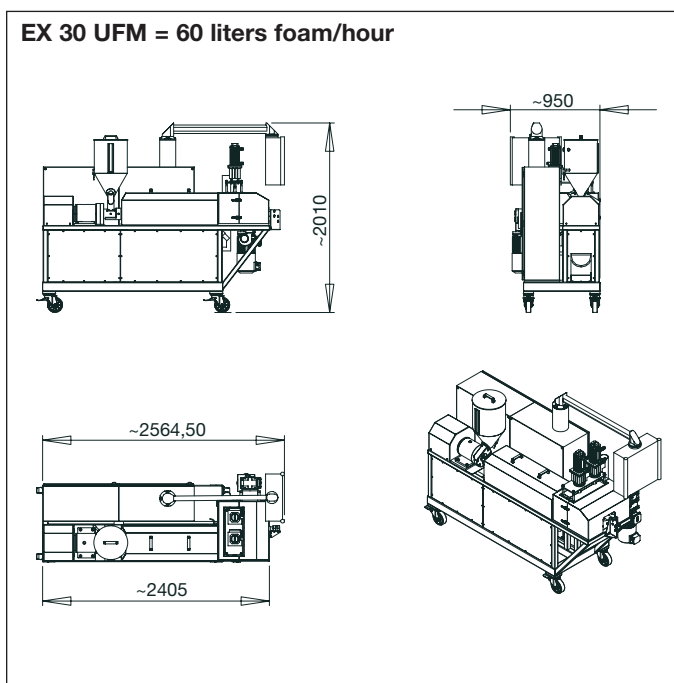
Ultra FoamMix Extruders*	EX 30 UFM	EX 60 UFM
Maximum Throughput	60 liters/hour	120 liters/hour
Tank Size	30 liter	60 liter
Weight	1500 kg (3307 lbs)	2000 kg (4409 lbs)
Power Consumption	55 KW max., 75 A/phase max.	64 KW max., 85 A/phase, max.

One foaming station possible per extruder

* Larger size extruders, up to 400 liters/hour, are available.

Dimensions

All dimensions in millimeters unless noted otherwise.



For more information, talk with your Nordson representative or contact your Nordson regional office.

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