

# 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.*

# 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 <sup>2</sup>

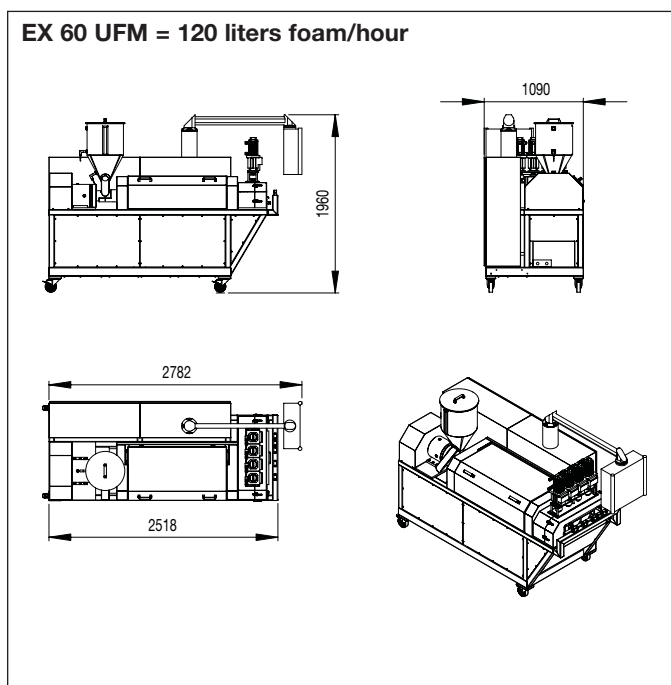
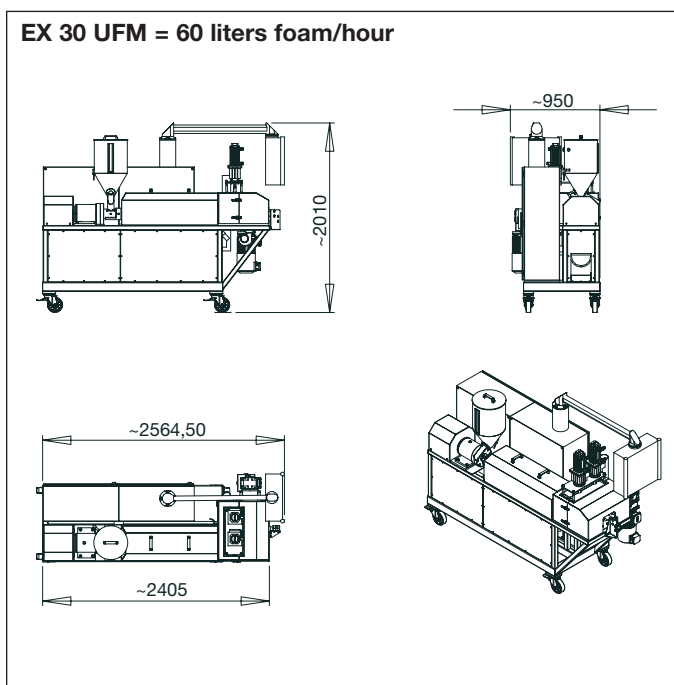
Ultra FoamMix Extruders*	EX 30 UFM	EX 60 UFM
Maximum Throughput	60 liters/hour	120 liters/hour
Tank Size	30 liter	60 liter
Weight	1500 kg (3307 lbs)	2000 kg (4409 lbs)
Power Consumption	55 KW max., 75 A/phase max.	64 KW max., 85 A/phase, max.

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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