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 mm²

**Ultra FoamMix Extruders***

<table>
<thead>
<tr>
<th></th>
<th>EX 30 UFM</th>
<th>EX 60 UFM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maximum Throughput</strong></td>
<td>60 liters/hour</td>
<td>120 liters/hour</td>
</tr>
<tr>
<td><strong>Tank Size</strong></td>
<td>30 liter</td>
<td>60 liter</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>1500 kg (3307 lbs)</td>
<td>2000 kg (4409 lbs)</td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
<td>55 KW max., 75 A/phase max.</td>
<td>64 KW max., 85 A/phase, max.</td>
</tr>
</tbody>
</table>

One foaming station possible per extruder

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

Dimensions

All dimensions in millimeters unless noted otherwise.

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

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When you expect more.®