

# FillEasy™ Adhesive Feed System



*Automatic system maintains adhesive levels in melters, improving productivity and reducing maintenance.*



The FillEasy system automatically maintains desired adhesive levels in Nordson melters and relieves operators from frequent refilling of melter tanks. The system adds small quantities of adhesive to the sealed tank at regular intervals reducing the possibility of adhesive char, contaminants, thermal shock and incorrect adhesive temperatures that result in poor bonding.

An ultrasonic sensor detects low adhesive level and sends a signal to the system control. The signal activates a suction lance, placed in the bulk adhesive container (box, bag, drum or tote). Using vacuum, the system conveys adhesive in the shape of pellets, pastilles 12mm (0.475 inches) in diameter and micro-mini slats 6mm x 6mm (0.235 inches) from the bulk container to the adhesive melter tank. A vibrator on the suction lance prevents adhesive bridging.

The FillEasy system is ideal for production environments that require an economical, dependable automated adhesive supply system. Installation is simple and can be completed within one hour. Automatic sensor calibration allows operators to complete set-up with the flip of a switch.

## Features and Benefits

- **Automatic adhesive replenishment** saves operator time, helps prevent thermal shock and adhesive degradation.
- **Uninterrupted operation** eliminates downtime due to empty adhesive melter tank.
- **Eliminates missed beads and poor bonding** caused by melter tank running dry.
- **Simple design** minimizes installation and maintenance requirements.
- **Reduces adhesive contamination** and debris that can cause equipment downtime.
- **Retrofits** to Nordson 3100, 3400, 3500, and 3700 Series, Nordson ProBlue® 4, 7, 10 and Nordson DuraBlue® 10 and 16 melters.

# FillEasy™ Adhesive Feed System

## Specifications

<b>Adhesive Forms/Size</b>	Pellets, pastilles, micro-mini slats Maximum diameter 12 mm (0.475 in) pastilles 6 mm (0.235 in) micro-mini slats
<b>Adhesive Transfer</b>	
<b>Maximum Rate</b>	90 kg (198 lb)/hour (dependent on adhesive type)
<b>Maximum Conveying Distance</b>	6 m (19.70 ft) Horizontal: 3.5 m (9.80 ft) Vertical: 2.5 m (8.20 ft)
<b>Transfer Hose</b>	
<b>Length</b>	Maximum 6 m (19.7 ft)
<b>Operating Air</b>	
<b>Minimum Pressure</b>	4 bar (0.4 MPa or 58 psi)
<b>Maximum Pressure</b>	6 bar (0.6 MPa or 87 psi)
<b>Air Consumption</b>	
<b>At 4 bar</b>	Approx. 600 NI/min (21 SCFM) when feeding
<b>At 6 bar</b>	Approx. 1000 NI/min (35 SCFM) when feeding
<b>Conditioning</b>	Dry, non lubricated
<b>Air Connection</b>	10 mm O.D. (0.393 in)
<b>Electrical Service</b>	115 to 220 VAC, + 10%, 1 ph neutral, 50/60 Hz, 1 A
<b>Pump Type</b>	Venturi
<b>Noise Emission</b>	76 dBA
<b>Melters</b>	Nordson 3100, 3400, 3500, 3700, ProBlue 4, 7, 10, DuraBlue 10, 16
<b>Dimensions</b>	
<b>Weight</b>	Approx. 20.0 kg (44.1 lbs)
<b>Control Cabinet</b>	(W) 212 mm x (H) 232 mm x (D) 130mm (8.35 in x 9.13 in x 5.12 in)
<b>Feeding Lance</b>	(L) 615 mm x max (W) 105 mm (24.21 in x max 4.14 in)
<b>Cone Height</b>	Approx. 340 mm (12.6 in)
<b>Screen Mesh Size</b>	0.5 mm x 0.5 mm (0.02 in x 0.02 in)



Suction lance



Cone and sensor



Control cabinet



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

<b>United States</b> Duluth, Georgia Telephone: (800) 683-2314 Toll-free Facsimile: (866) 667-3329	<b>Canada</b> Markham, Ontario Telephone: (800) 463-3200 Facsimile: (905) 475-8821	<b>Europe</b> Lüneburg, Germany Telephone: (49) 4131-894-0 Facsimile: (49) 4131-894-149	<b>Japan</b> Tokyo, Japan Telephone: (81) 3-5762-2700 Facsimile: (81) 3-5762-2701	<b>Asia/Australia/ Latin America</b> Amherst, Ohio Telephone: (440) 985-4797 Facsimile: (440) 985-1096
--	---	--	--	---

[www.nordson.com](http://www.nordson.com)



When you expect more.®