

ProBlue® Fulfill®

Integrated Melter and Fill System

Integrated, automatic melter and fill system maintains adhesive levels, improving productivity while delivering adhesive and maintenance savings.



The ProBlue Fulfill system automatically refills melter tanks, eliminating manual filling, adhesive spilling and dry tanks.

A sensor monitors the melter tank level, alerting the system to add small quantities of adhesive when needed. The closed system minimizes adhesive temperature variation, char and adhesive exposure to contaminants for improved bonding.

Features

- Automatic adhesive level sensing and filling
- Simple design; easy access to preset/preassembled components; System On, Adhesive Filling in Progress, and Fault indicators
- Processes a variety of hot melt adhesive types over a wide temperature range
- Automatic fill system shut-off in fault condition
- Fixed regulator reduces air consumption
- Closed system with improved, reliable design and performance
- Standard vacuum wand vibrator and disposable filter

Benefits

- Provides uninterrupted production
- Saves operator time; reduces exposure to hot adhesives and surfaces; prevents manual overfilling and spilling
- Eliminates poor bonding and missed beads due to empty tanks
- Improves bonding
- Reduces adhesive waste, charring and rejects
- Easy installation and operation - minimal training
- Production flexibility
- Economical operation and adhesive savings
- Reduces adhesive contamination from debris that causes equipment downtime and poor bonding
- Minimizes maintenance and downtime

Specifications

Adhesive Forms

Pellets, pastilles, mini-slats

Maximum Size

Pastilles: 12 mm (0.472 in) diameter
Mini-slats: 12 mm x 12 mm (0.472 x 0.472) in length

Adhesive Transfer Maximum Rate

227 kg (500 lb)/hour (dependent on adhesive type)

Transfer Hose Length

4m (13 ft)

Operating Air

Minimum Pressure 4.5 bar (0.45 MPa or 65 psi)
Maximum Pressure 8.6 bar (0.86 MPa or 125 psi)

Total Air Consumption

At 4 bar 679 liters/min (24 SCFM) when feeding

Conditioning

Dry, non-lubricated

Air Connection

10mm O.D. (0.394 in)

Inlet Air Connection

¼ NPT, ¼ BSPP, G ¼ female

Electrical Service

120, 240 and 480 VAC

Transfer Pump Type

Venturi

Dimensions

Vacuum Wand

(L) 615mm x (24.21 in); (W) 105mm (4.14 in)

Filter Housing Height

260mm (10.25 in)

Filter Mesh Size

200 microns

Storage Bin Capacity

60Kg (132 lb)

Enclosure Rating

IP54



Vacuum wand with vibrator (standard), air hose and adhesive transfer hose



Simple membrane panel controls with System On, Adhesive Filling in Progress, and Fault indicators



Adhesive storage container (standard) with optional vibrator kit



Hinged lid with switch prevents adhesive transfer when lid is open

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

United States

Duluth, Georgia
(800) 683-2314 **Phone**
(866) 667-3329 **Fax**

Canada

Markham, Ontario
(800) 463-3200 **Phone**
(905) 475-8821 **Fax**

Europe

Erkrath, Germany
(49) 211-9205-0 **Phone**
(49) 211-254658 **Fax**

Japan

Tokyo, Japan
(81) 3-5762-2700 **Phone**
(81) 3-5762-2701 **Fax**

Asia/Australia/

Latin America

Amherst, Ohio
(440) 985-4797 **Phone**
(440) 985-1096 **Fax**

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