

Fulfill® Maxx

Bulk Adhesive Auto-Filling System

Reliable auto-feeding of small-format hot melt adhesive

Features and Benefits

- **Modular system adapts to a variety of production layouts**
- **Patent-pending roller array technology easily processes coated pressure sensitive adhesives in mini-slat form**
- **PLC-based controller facilitates seamless plant integration**
- **Compatible with Nordson and other melters**
- **System accepts adhesive in large bulk bags or smaller boxes and sacks**
- **Improves product quality and bond strength by maintaining consistent adhesive temperature, purity and bead volume**
- **Reduces adhesive stress to maintain bond performance, and minimize degradation effects such as char formation, discoloration, or odor**
- **Improves safety by preventing exposure to hot adhesives, surfaces and fumes**
- **Improves cleanliness; prevents manual overfilling and spilling**



Note: The bulk bag unloading system is not sold by Nordson.

Fulfill® Maxx is a highly modular and flexible bulk-feed air-based auto-conveying system. The system is capable of supplying up to eight melters that can be located up to 140 meters away enabling the bulk bag or hopper to be stored remotely. Depending on the required configurations a combination of pull technology (Electric vacuum pump) and push technology (Pneumatic Venturi Pump) are used to in conjunction with vibration to fluidize and reliably transfer material in response to fill calls.

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General Specifications

Maximum adhesive particle size for air conveyance	12 mm (0.472 in.) diameter or 12 mm x 12 mm (0.472 in. x 0.472 in.)
Maximum adhesive flow rate	100 kg/hr (220 lb/hr) depending on adhesive type
Available conveyance hose lengths	All hoses are clear and include a high-flow pump: 5 m (16 ft) 10 m (33 ft) 20 m (66 ft) 30 m (98 ft) 60 m (197 ft) (supplied as two 30 m hoses with a coupling)
Propulsion device	Electrically powered vacuum motor or venturi pump supplied with compressed air
Bulk bag capacity	500 kg (1,100 lb) (third-party supplied)
Ambient working temperature	-5°–40°C (23°–104 °F)

Control Cabinet Specifications

Weight	24 kg (52 lb)
Input voltage	5 A @ 240 VAC, 1-phase, 50/60 Hz
Enclosure rating	IP53

Recommended Adhesive Bulk Bag Specifications

NOTE: Adhesive bulk bags are supplied by a third party.

Bag weight (max recommended)	500 kg (1,100 lb)
Approximate bag dimensions	0.87 m x 1.06 m x 1.10 m (34 in. x 42 in. x 43 in.)
Approximate bag volume	1,015 L (268 gal)



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

United States

Duluth, Georgia
(800) 234-0506 **Phone**
(866) 667-3329 **Fax**

Canada

Markham, Ontario
(800) 234-0506 **Phone**
(866) 667-3329 **Fax**

Europe

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

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