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LM5000LBF Pick & Place Bag Feeder System with Label Applicator

LabelMill LM5000BF Bag Feeder Systems can help automate your bag feeding and marking requirements. LabelMill Pick and Place machinery is ideal for picking almost any size bag or flat product from a horizontal stack and placing it onto an integrated conveyor. The LM5000BF can operate as a stand-alone system or be integrated into existing systems for typical and complex applications such as, collating, ink-jet coding or labelling. The LM5000LBF (large bag feeder) pick and place feeder system is primarily designed to feed large bags, but can handle a large variety of products. The system utilizes a PLC control and touch screen to enable the operator to access the system settings and counters.

The LM5000BF utilizes a vacuum assembly to pick an individual bag from the top of the magazine and place the bag onto the conveyor bed. The conveyed bags receive a top label via a synchronous feed or pneumatic tamp label applicator system. Once labeled, the bags are feed off of the conveyor or may drop into an integrated catch-bin to accumulate for the operator to collect. The label applicator is mounted to a heavy duty upright with vertical and horizontal adjustments. The LM5000LBF turnkey system mounts to a mobile base that allows the system to be moved easily from one production line to another.



System Specifications

Throughput Rate

8-30 / Minute, Product Dependent

Standard Product Range

Minimum: 8.0" X 8.0"

Maximum: 20.0" X 36.0"

Label Placement Tolerance

Up To +/- 1/16" When Labels and Product Are Produced To Specifications

Interface Sensors

Product Sensor - Photoeye / PLC Input

Auxiliary Outputs with Connector

Electrical Input

120vac / 60hz -- 15 Amps

Label Roll Capacity

12" Max Outside Diameter (16" O.D. Optional), Wound on a 3" Core.

Die-Cut, Waste Removed with a Minimum 1/8" Separation Between

Labels In Running Direction

Air Requirements

85 Psi Clean Dry Compressed Air / 2-8 CFM Required / Product Dependent

Acceptable Label Sizes

Minimum 1/2" Wide X 1/2" Long

Maximum 10-1/2" Wide X 18" Long (Optional Sizes Available)

Application Methods

Tamp, Wipe-On (Synchronous Feed), Blow

Environment

Operating 50-95 Degrees F (10-35 Degrees C)

15-85% Relative Humidity, Non-Condensing

General Size

Typical: 130" Long x 55" Wide x 70" High

Weight

500 Lbs

Options

Available Print & Apply (Black & White Or Color) Or Apply Only Label Application

2, 4, 6 or 8 Vacuum Cup Pick & Place Assembly

Other Options Available Upon Request



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