

Versatile

Automatic Bag Placing

Next Generation Design

Hamer-Fischbein Model 1800 RBH

True next generation fully automatic open mouth bagging. It's unique design increases bagging reliability and production consistency.



Exclusive Motor Driven Design Increases Reliability

The Model 1800 RBH simplifies open mouth bagging automation. Operators place empty bags in stacks on the bag magazine conveyor. Initiating the bag filling process, the 1800 RBH stages a single bag. The bag is then centered, positioned and hung on bag spout. Our proprietary design does not use dozens of air cylinders, valves and yards of air lines. Bags are picked individually off a stack by a motor driven arm, indexed with motor driven rollers, and hung on the bag spout by a highly efficient servo motor. Use of electronic motors revolutionizes open mouth bagging by increasing reliability and repeatability of bag handling in a way that pneumatic controls simply cannot. In addition, if a bag is misfed or flawed it is automatically cleared without operator interaction.

Bag Handling & Reforming

Once bag filling and re-forming is completed, an integrated Yaskawa MH12 6-axis robot captures the bag top and leads it into an automatic bag transfer system infeed. A two-speed filled bag conveyor transfers the bag to a bag top closer.



Easy to Operate and Maintain

Like all Hamer-Fischbein bagging automation the Model 1800 RBH is based on our core design criteria of making all machines easy to operate. Simple mechanical adjustments allow for fast bag size changes. The 7" color touch screen uses simple operator commands and provides needed features for running each bag type. Sensors and feed-back loops are reduced to ensure the machine keeps running, year in and year out, with minimal operator training and maintenance.

Bagging Automation

Most Bag Types

Supporting a wide range of bag types, the Model 1800 RBH can be coupled with Bag Top Sew, Tape over Sew, Pinch style bag or Heat seal type bag sealing technologies.

Open mouth bag types supported:

- Poly
- Poly woven laminate
- Paper
- Paper/Poly/Lined
- Pillow
- Side Gusset
- PBOM-Pinch Bottom



Fast Bag Changes

The Model 1800 RBH supports fast bag size changes. Up to 250 bags can be handled on the machine at a time, depending upon selected bag magazine conveyor and bag types. Size changes and bag material change-over, from paper, poly, poly woven, are completed in minutes.



Hamer-Fischbein® Model 1800 RBH™

STANDARD FEATURES

- Up to 18 bpm
- Integrated automatic bag top sealer guide
- Single bag indexing for reliable bag placing
- Pillow and/or Gusset Bag Reformer (Software Selectable)
- 7" Operator Color Touch Screen
- Allen Bradley Control Logix PLC
- Yaskawa MH12 6-axis robot with MLX Allen Bradley PLC controls
- Servo Controlled Bag Hang Arms
- End of arm robot tool with gusset retention
- Mechanical Bag Size Adjustments
- Integrated two speed, filled bag conveyor 14'0"L
- Powder coat frame, 304 SS fasteners
- ANSI/RA 15.06-1999 Robotics
- Safety interlocks on access doors
- SEW Motors for longer duty cycle

OPTIONS

- Bag Inspection Station
- Pinch Bottom Bag Handling System
- Bag Settling
- Dust Control Package
- Control Panel for Additional Conveyors
- Stainless Steel Control Panel for Additional Conveyors
- A variety of power options
- Ethernet Connectivity for remote connection
- Fischbein bag top closing systems
- 600NW+ Net Weigh Scales
- Bag handling conveyors
- Robotic palletizers
- Turn-key systems
- CE version

SPECIFICATIONS

- Machine Length 182" (462 cm) without sealing conveyor, Width 158" (401 cm), Height 92" (234 cm)
- Controls: NEMA 12 enclosure, UL listed
- Electrical (NEMA 12): 460V, 3PH, 60 HZ, 30AMP
- UL/cUL Panel
- Air: 25 CFM @ 80 PSI

BAG TYPES

- Pillow
- PBOM-Pinch Bottom
- Poly Woven Laminate
- Paper/Poly Lined
- Side Gusset
- Poly
- Multi-wall Paper
- Polyethylene/Polypropylene

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Your authorized Hamer-Fischbein representative:



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Specifications are subject to change without notice.

