

Versatile, Automatic Bag Placing, Next Generation Design

HAMER Brand Model 1800 RBH represents 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 the 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 Brand 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.

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:

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

FEATURES

- Up to 18 bpm
- End of arm robot tool with gusset retention
- Integrated automatic bag top sealer guide
- Mechanical bag size adjustments
- Single bag indexing for reliable bag placing
- Integrated two speed, filled bag conveyor 14'0"L
- Pillow and/or gusset bag reformer (software selectable)
- Powder coat frame, 304 SS fasteners
- 7" operator color touch screen
- ANSI/RA 15.06-1999 Robotics
- Allen Bradley Control Logix PLC
- Safety interlocks on access doors
- Yaskawa MH12 6-axis robot with MLX
- SEW motors for longer duty cycle
- Servo controlled bag hang arms

OPTIONS

- Bag inspection station
- Stainless steel control panel for additional conveyors
- Bag handling conveyors
- Pinch bottom bag handling system
- A variety of power options
- Robotic palletizers
- Bag settling
- Ethernet connectivity for remote connection
- Turn-key systems
- Dust control package
- Fischbein bag top closing systems
- CE version
- Control panel for additional conveyors
- 600NW+ net weigh scales

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: gusseted and pillow style paper, polyethylene (4 mil minimum), polypropylene, laminated polywoven, PBOM bags (with optional handling system), paper/poly lined bags, BoPP/BOM
- Bag size: 13" to 24" Wide, 24" to 40" Long for bags requiring settling, 3" to 40" Long for bags not requiring settling, 6" Maximum Gusset Size

