

Automatic Bagging System OmniStar™



Ergonomic design for ease of use and maintenance

Standard Features:

- Automatic discharge of unsatisfactory bags
- Handles most paper, polyethylene, and woven polypropylene bags
- Servo drive for fast, smooth & precise mechanical operation
- Fully integrated PLC control system with common HMI for scale and bagger available
- Integral sealers available for paper, poly or both
- 3-5 minute tool-less changeover
- Precharged product filling for faster fill rates and reduced product dusting
- Ethernet capability for network communication available
- Easy to use fault & diagnostic displays
- Fully integrated PLC control system with common HMI for scale and bagger available

Barry-Wehmler

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The OmniStar automatic high speed bagging system features advanced technologies that increase production and safety while decreasing costs.

The OmniStar packages 20 to 110 lbs. (9-50 kg) of products in multi-wall paper or poly bags at speeds of up to 20 bags per minute. Along with automatic bag pickup, the design features automatic rejection of unopened or improperly sized bags. This innovation, combined with the no-bag/no-product feature, significantly increases productivity as the operator does not have to stop the bagger to extract bags.

Servo motors provide a smooth, fast, and precise way to transfer bags into each stage of the bagging process. In addition, the OmniStar has fewer moving parts than other comparable baggers. This reduces downtime and speeds up troubleshooting, further adding to your productivity.

The bag top is always under total control for better high-

speed closing. Product is precharged into an intermediate hopper. This greatly reduces product dusting during filling while increasing speed.

The programmable operator's panel makes operation safer and easier. Numerous screens allowing interaction with the control software program can be called up to operate and monitor the bagger as well as change bagger parameters. This feature enhances the quick, no-tool changeover. Just enter the recipe for the new bag size, make mechanical adjustments to accommodate the new bag size, and resume operation. Complete changeover takes only three to five minutes.

If your needs include packaging pet food, sugar, salt, fertilizer, rice, or petro-chemical resin, then the OmniStar bagger is an ideal choice. The OmniStar is a very dependable, durable, and cost-effective investment. It offers the competitive advantage you need to stay ahead of your competition.

Specifications

PRODUCTION SPEED

Up to 20 bags per minute

BAG SIZES

Face Width	11" to 19" (279 mm to 483 mm)
Length	
PBOM	15" to 41" (522 mm to 1041 mm)
SOM	14" to 40" (508 mm to 1016mm)
Poly	14" to 40" (508 mm to 1016mm)
Woven Poly	14" to 40" (508 mm to 1016mm)

ELECTRICAL REQUIREMENTS

Input Power	230/460 volt, 3 phase, 60 hz
Control Circuit	24 VDC from internal power supply
Current Draw	230 volt (20 amps) 460 volt (10 amps)

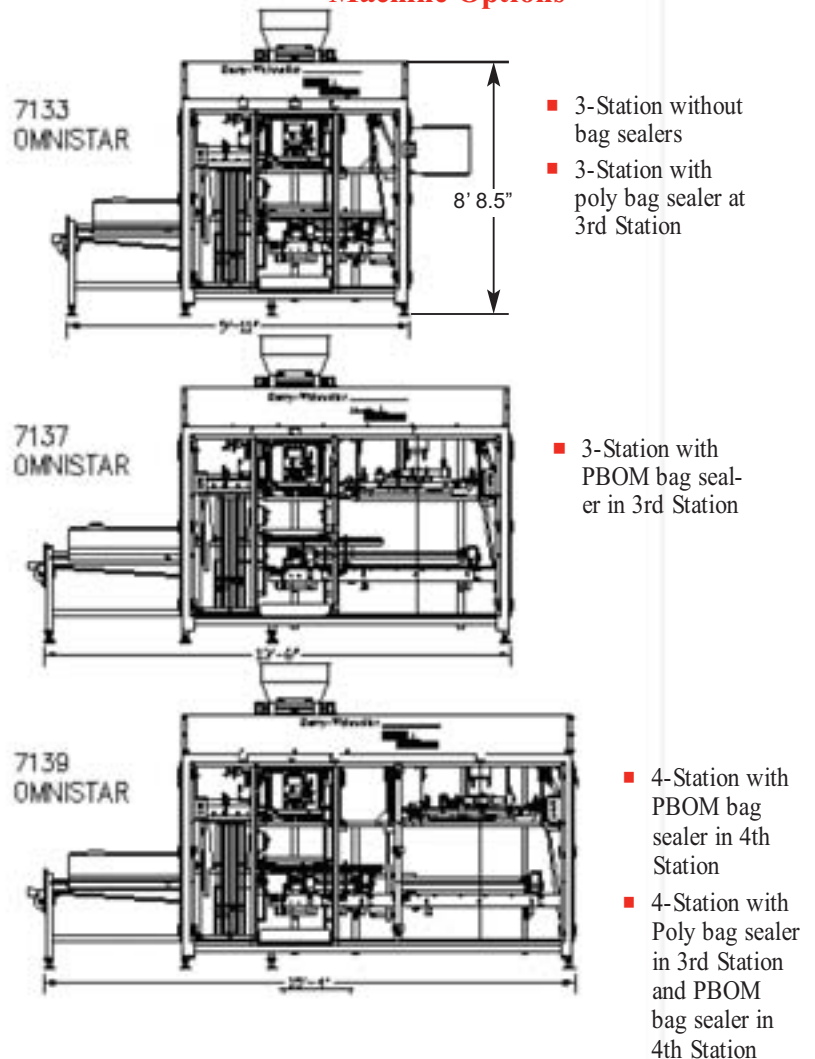
AIR REQUIREMENTS

Operating Pressure	80 psi (5.4 atm)
Line Pressure	90 psi (6.1 atm)
Air Use Per Cycle	1.6 scf (45 liters) free air per cycle

APPROXIMATE SHIPPING WEIGHT

Bagger	2,500 lbs. (1134 kg)
Bag Magazine	300 lbs. (136 kg)
Closing Conveyor	300 lbs. (136 kg)

Machine Options



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