



DESCRIPTION

The Bemis Series 4601 Aero-Seal® Bag Closer is designed to close polyethylene or foil lined, stepped-end, multiwall bags after the bag has been filled with product. Once filled, heat bars seal the inner bag liner. Hot air then activates the preapplied hot melt adhesive on the bag and folds over the top to seal the closure.

The 4601 incorporates a heat seal unit which is located at the entry end of the closer. It consists of spring-loaded heater bars that are designed to seal the polyethylene inner liner.

The machine offers the following features: hot air jets that reactivate adhesive without physical contact, a crank-style elevating mechanism that promotes fast height adjustment, sealed ball bearings that require no lubrication, corrosion resistant components, and a variable speed drive. Minimal clean out is required and a bag top printer is optional.

OPERATION

As the filled bag moves along a conveyor, the bag top is manually or automatically formed and fed into the entrance guide of the closer. V-Belts then convey the bag top through the bag closer. The bag top first enters between the heater bars which seal an inner liner. Next the bag enters between the creasing rollers to set the fold line and to fold the bag top 90 degrees. The bag enters above the hot air nozzle where hot air, under regulated pressure and temperature, is forced against the adhesive to activate it. Finally, the bag top passes through a series of compression rollers to compress the fold and set the adhesive.

POWER REQUIREMENTS

INPUT POWER: 230 Volts, 3 Phase, 60 Hertz
MAXIMUM CURRENT DRAW: 230 Volts =
22 Amperes
MOTOR: ¾ hp

AIR REQUIREMENTS

OPERATING PRESSURE: 5 to 8 psi (.34 to .54 Atm)
LINE PRESSURE: 60 psi (4.1 Atm) minimum
MAXIMUM FREE AIR CONSUMPTION: 8 cubic feet
(225 liters) free air per minute at 5 to 8 psi
(.34 to .54 Atm)

BAG CONSTRUCTION

Preapplied adhesive should consist of three or four lines, starting approximately 1/8" (3 mm) from the edge of bag top. Adhesive lines to be approximately 3/16" (4.8 mm) wide with center to center distance approximately 3/8" (9 mm), depending on dimension of step.

VARIABLE SPEED

23 ft. to 43 ft. (7 m to 13 m) per minute.

NOTE: The actual maximum sealing speed may be less than that stated due to bag style, bag adhesive type, flap size, ambient temperature, and sealer heater temperature.

WEIGHT

Approximately 1250 pounds (568 kg)

DIMENSIONS

LENGTH: 104" (2641 mm) includes 10½" (266 mm) entry guide*

DEPTH: 32" (812 mm)

HEIGHT: Overall 79" (2006 mm) maximum floor to bag top. Adjustable: 34½" to 65½" (876 mm to 1663 mm)**

* Add 9" (229 mm) for optional printer

** Add 5" (127 mm) if on casters

Note: All illustrations and specifications are subject to change without notice and any drawing dimensions are not to scale and are approximate. Machines shown without guards are for illustrative purposes only. Guards are supplied and must be in place before operation. All sales are subject to our prevailing terms and conditions of sale.