

# Auger Valve Packer



## Features:

- Internal auger feed agitators
- Reversing auger
- Non-corrosive, cross-flex beam pivots eliminate wear points and are not affected by debris
- Scale-beam dashpot to dampen vibrations
- Nema 12 controls
- Choice of supply hoppers to match product characteristics



# Barry-Wehmler

## Series 5505

# Auger Valve Packer

The Series 5505 Auger Valve Packer is a combination feeding, filling, and gross-weighing machine designed for granular, pelleted, dry, and fine powder-type products.

Product is supplied to the valve packer's supply hopper from a customer supplied stabilizing bin equipped with level control switches. The design of this bin is determined by the flow characteristics of the product.

A choice of three hopper designs is offered to match the requirements of specific products being packaged. The designs include a gravity type "V" hopper for free-flowing products, a small agitator hopper for products that tend to bridge, and a large agitator hopper for hard to move products with extreme bridging characteristics. All hoppers are equipped with cleanout

doors and safety switches.

An auger screw moves the product to the filling spout, on which the operator manually places a paper or plastic bag and sets the manual bag clamp. The operator then pushes the manual start button to cause the product to be augered through the spout into the bag.

A scale utilizing non-corrosive, cross-flex beam pivots senses the weight of the product in the bag. The pivots have no wear points and are not affected by debris. A scale beam dashpot is used to dampen the effects of vibrations.

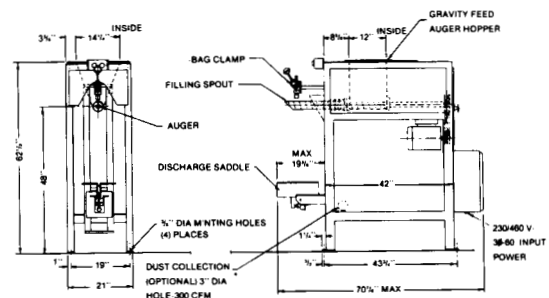
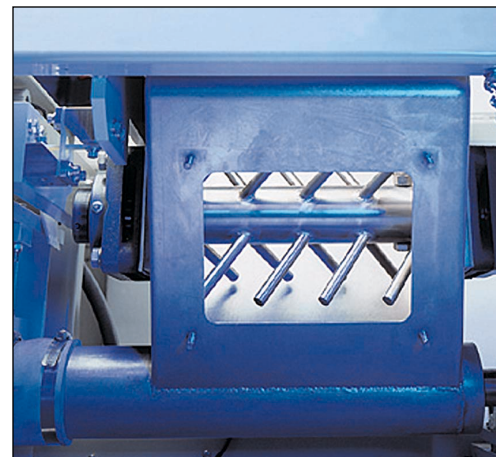
Once the desired weight is reached, the product flow into the bag is stopped and the auger is reversed. The bag is removed and the cycle is repeated as another bag is placed on the spout.

### Optional features:

- Automatic start switch
- Air-operated bag clamp
- Air-operated discharge saddle
- Dust-collection spouting
- Casters
- Electronic load cell
- Coder
- Two-stage weighing
- Valve bag shaker
- Open-mouth bag attachment
- Drum-filling attachment
- Microcomputer

## Machine Specifications

- **SPEEDS:** Two to five bags per minute depending on product density, flow characteristics, and type of feed auger
- **ELECTRICAL:**
  - Input Power: 230/460 volts, 3-phase, 60 hz.
  - Control Circuit: 115 volt (power through transformer)
  - Max. Current Draw: 230 volt = 8.6 amps/460 volt = 4.3 amps
- **AIR (WHEN USING AIR OPTIONS):**
  - Operating Pressure: 80 psi (5.4 atm)
  - Line Pressure: 90 psi (6.1 atm)
  - Free Air Per Cycle: 0.15 cubic feet (4.3 liters)  
Add 0.07 cubic feet (2.0 liters) for valve bag shaker
- **CAPACITY:**
  - Unit: 25 - 110 lbs (10 - 50 kg)
  - Bag Length: 16" - 36" (406 - 914 mm)
  - Drum Size: Diameter: 10" - 22" (254 - 559 mm)  
Height: 16" - 32" (381 - 762 mm)
- **SPOUT SIZES:** 4-1/2" min. - 6" (102 - 152 mm)  
Spout sizes are available for valves
- **ACCURACY:** Typically plus or minus 1 to 4 ounces (28 to 112 grams) at sigma 2. Actual accuracies depend on product-flow characteristics, speed, type of weigh system used, and valve bag construction.
- **WEIGHT:** Approximately 1,000 lbs. (455 kg)



Specifications are subject to change without notice. All sales are subject to our prevailing terms and conditions. Product, bags, and application requirements must be submitted for appraisal. Specific application approval drawings will be provided.

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