

988

AUGER FLOW PACKER

Versatile, gross weighing valve bag packer for powders, granules, flakes and pelleted products

Effective Filling: High speed auger provides delivery of product into bag. Optional agitator assists in feed of poor flowing products.

Clean: Auger (and agitator when used) designed to provide minimum aeration of product.

Easy Operation: Empty valve bag is simply placed on filling tube and start signal actuated. Filling, weighing and cut-off at weight are fully automatic.

Compact: Ideal for low head room installations.

Economical: Positive bag opening feature permits use of minimum bag size and improves accuracy.

Precise Weight Control: Accuracy of ± 2 ounce at 2 sigma with optional bulk and dribble filling for most products.

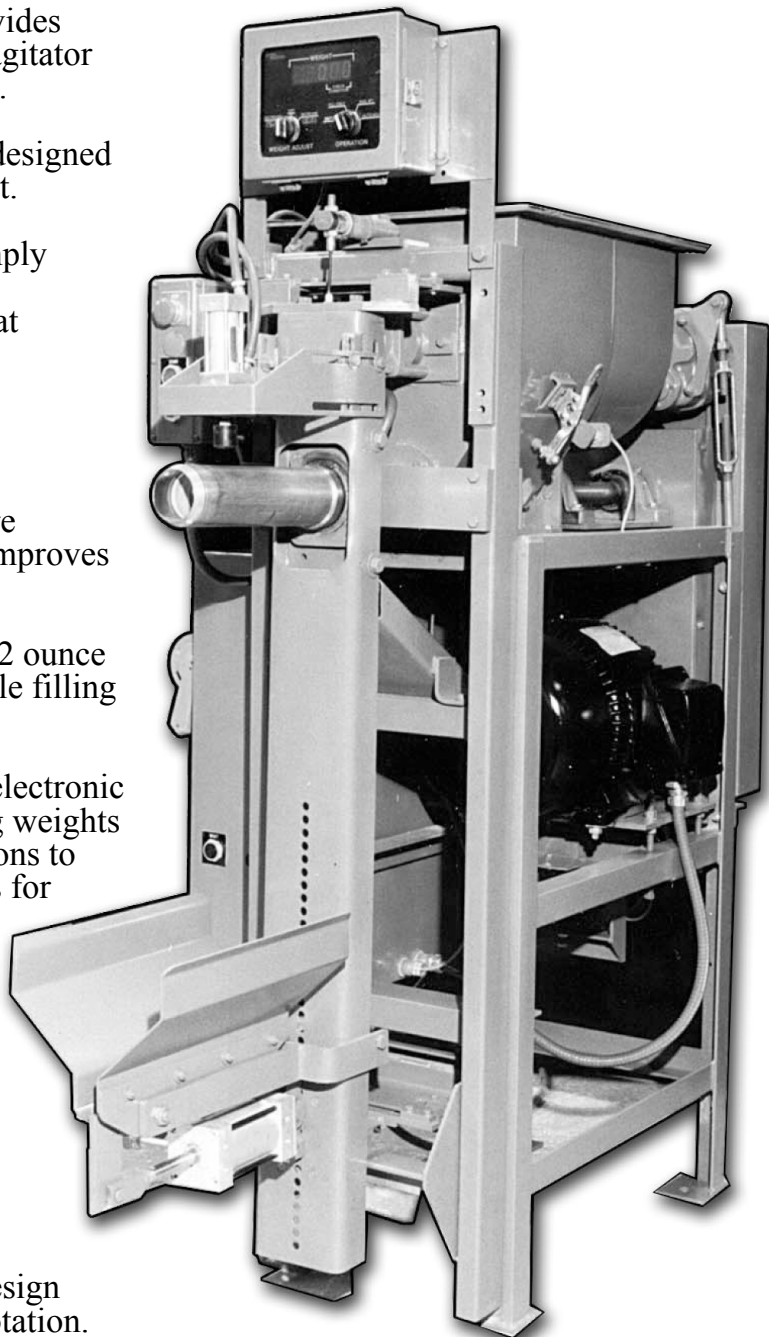
Electronic Control: Optional premium electronic weighing system is capable of checking weights on the packer and feed back of corrections to product cut-off. Computer compensates for fluctuations in product density and/or flow.

Patented Scale Flexure System: No friction system that insures accurate measurement of bag weight.

Strain Gauge Load Cell: Provides the sensitivity and resolution necessary for accurate weighing.

Isolated Weighing System: Dual tube design eliminates random forces from auger rotation.

Bulk & Dribble Filling: This option allows for precise cut-off of product flow. At the critical cut-off point, material flow is reduced, thereby producing better weight accuracy than conventional systems.



Standard Features

- Powered bag clamp
- Mild steel product contact surfaces
- 900 rpm auger
- Auger alignment without shims
- 3 1/4" OD filling tube
- V hopper for free flowing products (no agitator)
- Stuffing box shaft seals
- Bag chair for support of bag bottom
- Enclosed guards at V belt drive
- Sturdy welded steel frame
- TEFC motor and dust tight electrical controls
- High quality control components
- Sealed proximity switch for cut-off weight sensing
- Electrical controls completely wired and ready for factory power connection
- DM electronic weight controller
- Dust collection hood and duct assembly

Options

- Bulk and dribble filling
- Premium electronic controller
- Inspection door with interlock switch
- Stainless steel product contact surfaces
- Cone type valve sealer on filling tube
- Hopper with ribbon agitator and rotary paddles
- Motors and electrical enclosures for wet or hazardous environments
- Electrical controls for special voltages
- Auger drive at higher rpm
- Hastalloy auger and filling tube
- Pneumatic powered bag discharge chair
- Automatic bag edge start switch
- Bag discharge delay timer
- Bag clamp coder
- 7.5 or 10 hp drive motor



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Technical Specifications

Bag Capacity: 22 to 110 lbs. (10 to 50 KG.)

Rate: Up to 4 bags per minute depending upon product density and bag size

Auger Drive: 5 hp, 1800 rpm TEFC motor.
Driven speed - 900 rpm

Electrical Power Required: 230/460 V, 3 ph,
60 Hz, 20/10 amps

Electrical Controls: Disconnect switch,
fuses, control transformer, reversing starter,
timer(s), push buttons and lights in Nema 12
dust tight enclosures.

Compressed Air Required: 0.5 scf @ 80 psig
per bag packed

Bag Valve Size: 5 1/2". Minimum - 5 3/4" - 6"
suggested for use with valve bag applicator

Bag Length: Up to 34" long pasted valve
multiwall bag

Shipping Weight: Approximately 1250 lb (595
kg)

