



PACKAGING SYSTEMS

International Incorporated



Auger Max Packer Model 200

Simultaneously fills and accurately weighs product

- **Powered**
 - **Pelleted**
 - **Flaked**
 - **Granular**
- ## Into Containers
- **Valve Bags**
 - **Open Mouth Bags**
 - **Drums**

- **Flexible** – The Packaging Systems International Auger Max Packer offers exceptional flexibility with a variety of hoppers and delivery screws that enable the efficient handling of a wide range of materials. Other options provide portability, automatic operation and versatility in the types of containers that can be packed.
- **Precise Weight Control** – Consistent weight accuracy is maintained by the Auger Max Packer's high precision weighing mechanism. A magnetic reed switch located at the free end of the scale beam actuates the cut-off relay at the precise weight every time. The scale beam operates with a weight ratio of 16:1 and the magnetic reed switch action is consistent from one weightment to the next.
- **Easy Operation** - Operator simply places the valve bag on the spout and pushes the start button (Automatic start is available.) When the bag fills to the proper weight, the magnetic reed cut-off instantly stops the fill. The auger reverses just enough to clear material from the spout thereby preventing dribble and spilling when the operator removes the bag.
- **Multiple Installation Designs** – With all operating parts readily accessible from the front or rear, the Auger Max Packer may be installed side-by-side in multiple units of any number with minor modifications. Multiple installations reduce man hours and packaging costs.
- **Capacity** – Auger Max Packer will fill from 10 to 250 pounds (4.5 to 114kg), with delivery rate up to approximately 10 pounds per minute (4.5k per second), depending on the bag valve size and product bulk density.
- **Clean** – Auger Max Packer is designed to operate with minimum air contamination due to a specially designed auger mechanism.
- **PSI maintains a service staff and large inventory of parts** to insure that your equipment is maintained at the highest operating efficiency. Service personnel are always available at established rates.
- **PSI Auger Max Packers incorporate a specially designed precision feed auger** to convey the product and a fast reaction, high ratio for high accuracy weighing.

Features

- Patented forward and reversing feed auger assures maximum weight accuracy and reduces spillage.
- Bag clamp and tipping bag rest provide optimum bag support and ease of bag discharge.
- Wide choice of spout sizes – 4" to 7" valve bags (101.6 to 177.8mm).
- Large variety of delivery augers to best suit the materials packed.
- A variety of hoppers for versatility of application. Simple gravity hoppers, single or double agitator hoppers.
- Heat treated accessories can be easily adapted to reduce wear on the packer when packaging abrasive materials.
- Completely wired and ready for factory power connections. Forward and reversing starters or variable speed drives.
- Weighing mechanism suspended on inverted V-knife edges of tool steel for long life and accuracy.
- Construction with welded steel and cast aluminum components, 304 or 316 stainless steel, food grade and polished surfaces available.
- Delivery auger can be removed quickly and easily for cleaning, service, maintenance or delivery auger interchange without use of tools.
- The Auger Max is designed with a simple packing gland and spinner ring for easy tightening to prevent any leakage around auger shafts without stopping operation.

Options

- Caster or roller lift accessories can mobilize the unit.
- Quick- change attachments for open mouth bag and dust –free drum filling.
- Explosion-proof electrical enclosures.
- Automatic bag ejector and air bag clamp with automatic start switch.

- Anti-flooding devise for very fluid material.
- PSI open mouth bag closing system is available to suit your needs. The sewing head may incorporate stich-through tape.
- Bag and drum settlers
- "V" shaped hopper for free-flowing material.
- RA-5 Hopper for materials having typical bridging characteristics.
- RA-6 Hopper for powders with server bridging characteristics. Special agitator design minimizes clearance between agitator and feed auger.
- RA-7 Hopper for powders with extreme bridging characteristics, e.g., oxide pigments, high shorting products, etc. Special double agitator design moves material from large bin outlet to delivery auger.

Technical Specifications

(Typical applications)

Material: Dry powders, Granules, Pellets or Flakes

Maximum Container Size: 37" length (939.8mm) or 36" length (914.4mm) with PSI Bag Settler.

Bag Valve Size: 4" to 7" (101.6 to 177.8mm)

Electrical System: Available in 380, 230/460 and 575 volt. Nema 12, 4 and hazardous locations

Shipping Weight: 1,100 lbs. or 550 kgs

Engineered layout drawings to fit your application.

This packer is custom engineered to the job and the plant layout by engineers with years of experience in bag and packaging materials handling.

