Magnum Systems Model APV is designed to handle products that are aerated, bind, cake, or bridge easily. The variable speed auger option utilizes “bulk and dribble” feeding technology ensuring fast and accurate weight measurement.

PACKAGE DIFFICULT TO FEED OR CONTROL MATERIALS WITH SPEED AND PRECISION

Features
- Single or multiple spouts
- Product agitator for material conditioning
- Regenerative blower
- Pneumatic bag clamp
- Drop out bottom for ease of cleaning
- T4000 weigh controller with digital readout

Optional Features
- Stainless steel construction/contact areas
- Pneumatic bag kicker
- Spout filling station with chair for operator
- Dual set point
- Bag settler
- Container platform and lift
- Removable screws and agitator
- Bag inflator with spout
- T3000 weigh controller
- TRV1000 robotic bag placer
- TRUSeal ultrasonic sealer
- Downstream conveying and palletizing equipment

Materials Typically Handled
- Flours and starches
- Industrial chemicals
- Sandy cement grouts
- Oily products with low bulk density
VALVE BAG AUGER PACKER

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed</td>
<td>Up to 5 BPM</td>
</tr>
<tr>
<td>Accuracy</td>
<td>Up to 0.4%</td>
</tr>
<tr>
<td>Bag Weight Range</td>
<td>15 lbs to 125 lbs (6.8 kg to 56.7 kg)</td>
</tr>
<tr>
<td>Scale</td>
<td>Analog, Digital</td>
</tr>
<tr>
<td>Construction</td>
<td>Tubular carbon steel blasted and painted</td>
</tr>
<tr>
<td>Product Hopper</td>
<td>4,000 cubic inch (6,550 cubic centimeter) Capacity (standard)</td>
</tr>
<tr>
<td>Spout Size</td>
<td>2.5-in (63.5-mm) diameter up to 4-in (101.6-mm) diameter</td>
</tr>
<tr>
<td>Electrical Requirements</td>
<td>230/460 Volt, 3 phase, 60 Hertz</td>
</tr>
<tr>
<td>Air Requirements</td>
<td>90 PSI, 2 ft³ per minute, 200-300 CFM (dust control recommended)</td>
</tr>
<tr>
<td>Enclosures</td>
<td>NEMA12</td>
</tr>
</tbody>
</table>

ULTRASONIC SEALER

- Ultrasonic waves alter molecular structure of sealing agent without heat which reduces product degradation
- Rigid mount set-up at filling source decreases amount of bag movement while maintaining bag shape
- Ultrasonic waves displaces product from seal area providing a clean, positive seal
- Helps prevent product loss during shipping
- Capable of both plastic and paper valve sealable bags
- Works well with dusty, fluid, powder and hydscopic products

Diagram dimensions are for reference only*

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