The Model A fillers are designed for ingredients that require minimal densification to produce straight, safe and stable packages.

Ingredients whose tamped and untamped bulk densities differ by less than 10-15% are ideal for the Model A and Model A/V. However, even these ingredients may require maximum densification as the height of the bulk bag approaches 50" or if bags must be stacked. The Model B or Cobra™ fillers, featuring the patented cone table densification system, should be given careful consideration in these instances.

The base Model A filler is used with ingredients that do not require densification at all and that do not have to be weighed. Options are available such as weighing, through-pallet densification, liner inflation and bag height adjustment.

The Model A/V is suited for ingredients that require minimal densification and automated system operation. The A/V features grid table densification, an integral powered roller conveyor for automatic pallet and bag handling, weighing and a control system for automatic operation. This level of automation should be considered when the filled bag output rate approaches 12-15 bags per hour or when a forklift is not available to service the filler after each bag is filled.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Function</th>
<th>Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comprehensive option list</td>
<td>The filler can be exactly tailored to your filling application.</td>
<td>This ensures that the capital cost of the Model A is suitable for the application.</td>
</tr>
<tr>
<td>Through-pallet densification</td>
<td>The ingredient is densified on a vibrating flat table or a vibrating grid table (Model A/V).</td>
<td>Economical densification system suited for ingredients whose tamped and untamped bulk densities differ by less than 10-15%.</td>
</tr>
<tr>
<td>Weighing</td>
<td>The bulk bag filler specific weighing controller and four load cells allow bags to be filled to a target weight.</td>
<td>Weighing accuracy of +/- 5 pounds is achievable with a properly selected flow control device above the filler.</td>
</tr>
</tbody>
</table>
**Specifications**

Bulk bag specification:
- 24" to 55" tall. Bags taller than 55" can be filled but maximum densification may be required (see Model B or Cobra).
- Maximum 41" x 41" base seam dimensions.
- Taller and wider bags can be accommodated upon review.
- The inflatable bladder fill head accommodates unlined bags. Options are available for lined bags.
- Maximum filled bag weight is 4,000 pounds.

Note: all sizes shown are empty bag dimensions.

Fill head:
- Standard twin tube 8” diameter fill head suitable for flexible connection.
- 4” diameter dust collection vent.

Controls:
- Flexi Fill™ PLC based control system with keypad/LCD operator interface.
- The Flexi Fill™ is standard on the Model A/V and available on the Model A with the weighing option.

Densification:
- Model A: vibration option includes a flat vibration table.
- Model A/V: includes a grid vibration table that rises between the conveyor rollers to lift and vibrate the pallet and bag.

Bag rigging:
Fixed bag loop hanger arms. Optional trombone arms allow the front loop attachment points to telescope back towards the operator for easy operation.

Bag height adjustment:
The hanger arms can be adjusted 8”. Options allow a greater range of adjustment.

Electrical:
- Vibration option and A/V: vibrators are 1/3 HP, 460 or 575 VAC, 3 phase, 60 HZ, TENV.
- Drive motor on A/V conveyor: 1/2 HP, 460 or 575 VAC, 3 phase, 60 HZ, TEFC.

Materials of construction:
- Contact parts are 2B finish 304 SS with all welds ground smooth and crevice free. Other finishes and grades of stainless steel are available.
- Mild steel components are finished with STEEL IT® polyurethane paint over one coat of primer.
- The entire filler can be constructed of stainless steel if required.

Dimensions:
- Model A: 68” W x 58” D x height determined by tallest bag.
- Model A/V: 67” W x 60” D x height determined by tallest bag.

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