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Fill bulk bags economically

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

THE MODEL A FILLERS ARE DESIGNED FOR INGREDIENTS THAT REQUIRE MINIMAL DENSIFICATION TO PRODUCE STRAIGHT, SAFE AND STABLE PACKAGES.

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.

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

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.



Model A/V



Model A with bag height adjustment

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