



Choice Bagging Equipment, Ltd.

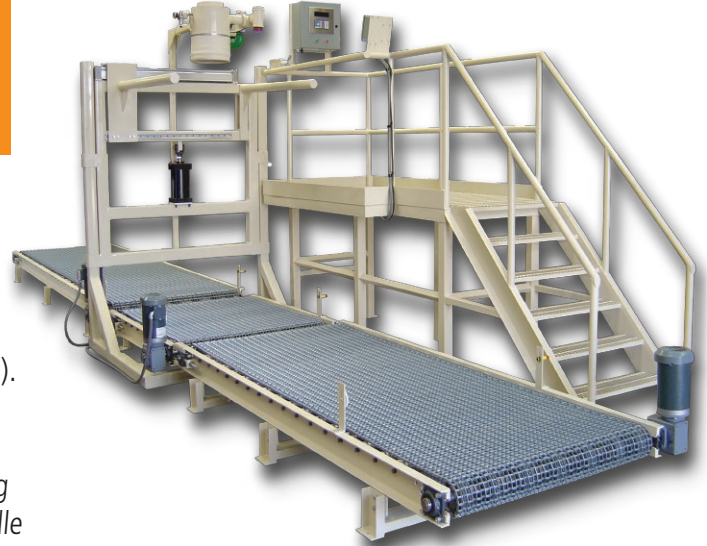
Industrial Bag Packaging Equipment, Systems, Support, & Service

Model 520 Bulk Bag Fillers

Unit Description:

Gravity Style IBC Filler for Packaging 1,000-4,400 lbs (454-2,000KG) Bulk Bags (Super Sacks) and Gaylord Boxes with Free Flowing Powders, Granular & Pelleted Materials at a Rate of up to 25 Bags per Hour (Depending on Machine Options Selected).

NOTE: This filler is capable of bagging both flowing and non-free-flowing materials. However, additional specialized product feeding devices may be required. The standard design is designed to handle materials that are dry, free-flowing and of low humidity content.



Examples of Proper Application Include:

- Fertilizer, Corn, Soybeans, Salt, Sugar
- Sand, Limestone, Refractory Materials, Plastic Pellets

Technical Specifications:

- Proper Application – Free Flowing Powders & Granular Products
- Weight Range – 1,000-4,400 lb. (454-2,000KG) Open Mouth Bags
- Fill Rate – 1-25 Bags per Hour (Depending on Product Characteristics, Bag Sizing & Equipment Options Selected)
- Typical Scale Weight Accuracy – +/- .5% of Target Weight
- Process Air – 80 PSI @ 1 CFM per Bag Fill Cycle

Clean Operation:

The Model 520 IBC filler has a totally enclosed product flow path from the supply hopper bin all the way into the bag. It can also be equipped with an optional air operated dust tight bag fill spout making the Model 520 the cleanest filling IBC filler available in the industry.

NOTE: This machine does not close or seal bags. Bulk bags and liners are typically tied closed by hand upon completion of the bag fill.

Principle Of Operation:

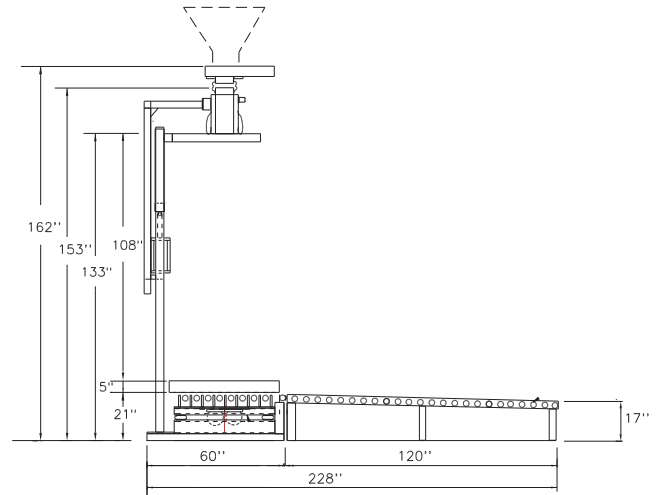
The Model 520 gravity style IBC filler has a specially designed product flow gate powered by gravity. Product flows by gravity from the supply hopper bin into the product feed inlet at the top of the machine. When a fill cycle is initiated, the product flows through the slide gate into a spout and into the bag. The Model 520 is an automatic gross weighing filler that simultaneously fills and weighs product directly into the bag.

Visit choicebagging.com or call 512.352.3694 for more info!

Model 520 Bulk Bag Fillers

Standard Features:

- Carbon Steel Contacting Surfaces
- Digital Load Cell Weighing Scale
- Tubular Steel Framework
- 8" Dia Fill Head Assembly (M/S; Non Dust Tight)
- Air Operated Bag Strap Release
- 5' Powered Bulk Bag Discharge Conveyor
- 10' Gravity Bulk Bag Accumulator Conveyor
- Designed to Handle Bag Sizes up to 45" (122 cm) Long x 45" (122 cm) Wide x 54" (137 cm) Tall (Maximum Size Not Including Bag Straps--Assuming 10" (25 cm) Long Bag Strap Loops)
- NEMA 12 Electrical Enclosures
- Powder Coated Fabricated Components
- 1 Year Limited Warranty



Standard Options:

- 501-700 Powered Fill Head Adjustment
- 502-300 8" ID x 12" OD Dust Tight Fill Head Assembly w/ Inflatable Bag Seal Cuff (304 S/S)
- Bulk Only (Single Stage) Slidegate Material Flow Cutoff Assembly (M/S)
- Bulk Only (Single Stage) Slidegate Material Flow Cutoff Assembly (304 S/S)
- 503-300 Bulk & Dribble (Two Stage) Slidegate Material Flow Cutoff (M/S)
- 503-400 Bulk & Dribble (Two Stage) Slidegate Material Flow Cutoff (304 S/S)
- 511-100 Pre-Fill Bag Inflation Assembly
- 513-300 "Pop-Up" Grid Deck Vibratory Densifier
- 514-100 5' Powered Bulk Bag Accumulator Conveyor

Sequence of Operation:

The operator will manually hang an empty bulk bag on the filler and secure the inlet sleeve to the filling spout. Then the operator will depress the start button. The weighing scale will automatically "zero" and immediately after activate the designated feeding device (slide gate, auger, rotary air lock, etc) and initiate the start of the bag fill. Product will then be delivered (by gravity or mechanical conveyance) to the machine from the supply bin above into the empty bag below. When the target weight is reached, the flow of product to the weighing scale will be cut off automatically. The digital controls will signal the feeding device to close or shut off. The bag strap holding arms will automatically release and the operator will disengage the bag sleeve from the fill spout. The bag will then be discharged automatically onto an accumulation conveyor to await a forklift to take it away to the warehouse.