



Choice Bagging Equipment, Ltd.

Industrial Bag Packaging Equipment, Systems, Support, & Service

GWB-GV Vibratory Fed Gross Weigh Bag Filler

Unit Description:

Gravity Vibrator Style Open Mouth Bag Filler for Packaging 20-110 lbs (9-50KG) Bags with Free Flowing Granular & Pelleted Materials at a Rate of 1-8 Bags per Minute.

Examples of Proper Application Include:

- Sand (Dry), Fertilizer, Hard Grains/ Seeds, Plastic Pellets

Technical Specifications:

- Weight Range 20-110 lb (9-50KG) Valve Bags
- Fill Rate 1-10 Bags Per Minute (Depending on Options Selected, Product Characteristics and Bag Sizing)
- Typical Scale Weight Accuracy +/- .5% of Target Weight
- Control Air 80-90 PSI (6 Bar) at 1 CFM (0.028 m³/min)
- Electrical Requirements - 110 Volt / 1 Phase / 60 Cycle
- Recommended Dust Collection - 400 CFM Minimum



NOTE: Product testing may be required to determine actual bag filling rates and bag weight accuracy.

Principle Of Operation:

The Model GWB-GV Vibratory Pan Fed Gross Weigh Bagger is a specially designed bag filler that is designed to accurately fill free flowing granules into open mouth bags. 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 flow is divided into two flows: one feeds to a gravity style swing gate (Fast / Bulk Flow) and the second feeds to a vibratory pan feeder (Slow / Dribble Flow). When a bag fill is initiated, the two feeders (gravity and vibratory) activate and deliver product into the bag. As the bag approaches the target weight, the gravity gate will close and the vibratory feeder will continue until the target weight is reached. An air operated bag clamp secures the bag to the spout and the onset of a bag fill and automatically releases it once the target weight is reached.

Visit choicebagging.com or call 512.352.3694 for more info!

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STANDARD FEATURES

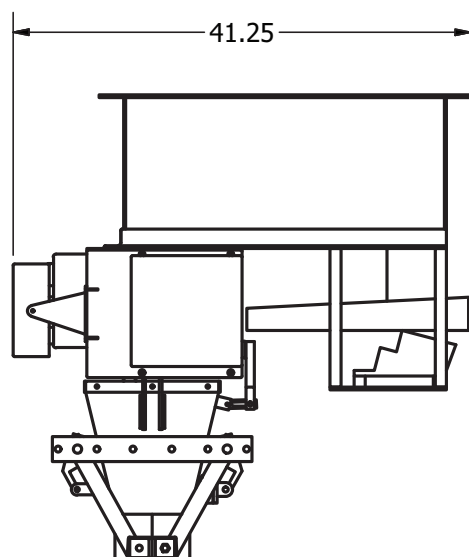
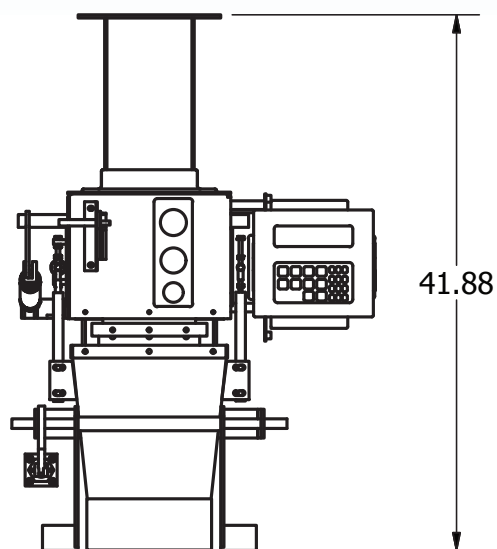
- Mild Steel Material Contact
- Digital Load Cell Weighing Scale
- Air Operated Open Mouth Bag Filling Spout (Sized per Customer Requirement)
- Foot Pedal Start Actuator
- Emergency Stop Palm Button
- Air Operated Swing Gate Material Flow Cutoff (Fast / Bulk Feed)
- Gravity Vibrator (Slow / Dribble Feed)
- NEMA 12 Electrical Enclosures
- Powder Coated Fabricated Components
- 1 Year Limited Warranty

STANDARD OPTIONS

- -S 304 S/S Material Contacting Surfaces
- -2 Bulk & Dribble (Two Stage) Gravity Gate Material Flow Cutoff
- -DT Air Operated Dust Tight Filling Package

Clean Operation:

The operator will spout an empty bag onto the spout and depress a foot pedal to initiate the bag fill cycle. Depressing the foot pedal will cause the air operated bag clamp jaws to close and hold the bag, the scale to "auto-zero" and begin weighing and the product feeders will load product into the bag (all automatically). The combination gravity and vibratory pan feeders will deliver product to pour through the machine from the supply bin above into the empty bag below. When the target weight is reached, the feeders will stop and the air operated clamps will automatically release the bag from the filler (also discharging the bag from the filler) so that the process can begin again. In typical applications, the bag will then drop onto a moving conveyor belt (see CBE 307 Series Conveyors) to be closed as a second operation (either sewed or heated sealed)



Experience. Quality. Service.

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