

Gross Weigher

Bagging Machine



High Speed - Accurate - Reliable Bagging

Dynamic Weighing Specialists

Solutions for weighing materials on the move

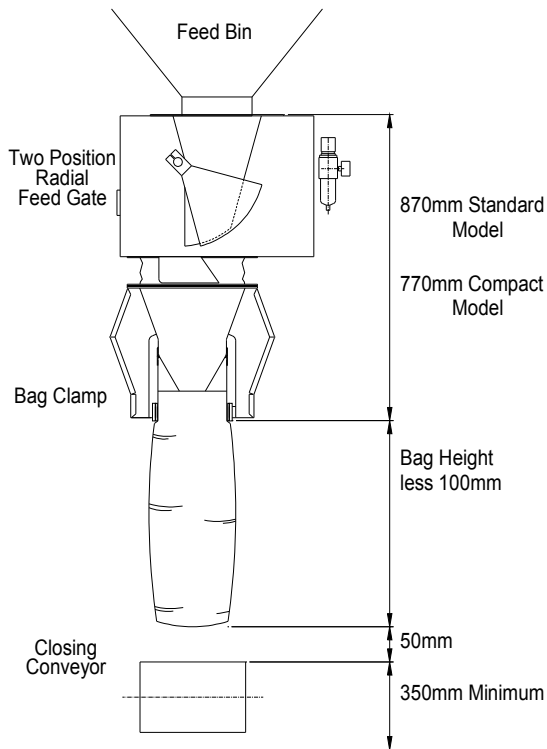
Product Feed Device

Free Flowing Product

Gross Weigher typically mounted directly to a feed bin.

Non Free Flowing Product

Options include a one or two speed filling device: eg. belt feeder, or single or twin screw feeder



Bagging Rate

25kg bags up to 18 bags/min (1080 bags/hr)
50kg bags up to 14 bags/min (840 bags/hr)

Accuracy

Better than ± 50 grams



Controller Features

- Material totalising
- Automatic jog to weight
- Automatic in-flight compensation
- Three Speed Filling
- Batch Counting
- Easy calibration

Options

- Analogue output (configurable)
- Printer output
- Communications to computer or PLC using RS232 or RS422/485
- Remote support available

Fast and Accurate Bagging

The Active Weighing Solutions Gross Weigher will fill a variety of open mouth bags with a pre-determined weight of product. It is fast, accurate and, easy to operate and maintain.

The Gross Weigher is ready for operation once connected to a 240Vac power supply and clean dry compressed air. Where the product is free flowing, the weigher can be mounted directly to a feed bin. Non free flowing product may require a feed device.

Bagging Operation

The operator commences bagging by presenting a bag to the clamp and triggering two nylon "whiskers". The "whiskers" help keep operator hands clear of the bag clamping action. With both "whiskers" raised, the bag clamp will engage.

A correctly placed bag will trigger two bag detection sensors, allowing the feed gate to open and commence filling.

As the filling cycle begins, product is fed directly into the bag via a single or two position radial catch gate. Filling is monitored and controlled to a preset weight by an EMC 2064 Batch Weighing Controller.

The Gross Weigher allows infinite adjustment of both the main and dribble feeds to establish the optimal bagging rate and accuracy.

The Gross Weigher may be set to allow filled bags to automatically drop from the bag clamp when the bag weight is reached or be left on the clamp for release by the operator.

An easy to reach clamp release button allows the operator to release an incorrectly placed bag or where there is insufficient material to fill the bag to set weight. Indicator lamps warn of under or over weight bags and the filling cycle will pause waiting on operator intervention. A jog button allows slow product addition to achieve target weight.

Standard Features

- Powder coated mild steel frame with mild steel contact parts
- Two Position Radial Feed Gate with:
 - Independent main & dribble feeds
 - Easy feed gate adjustment
 - Separate pneumatic & electronic compartments isolate equipment from the product stream
 - Easy access for clean down
- Bag Clamp
 - Bird Beak (for faster bag placement)
 - Dust Tight (elliptical spout for easy bag placement)
- Bag detection sensors to prevent product spillage due to misplaced bag
- Over or underweight bags trapped
- Two hand start
- Pneumatic operation

Optional Features

- Stainless steel contact parts
- Fully stainless steel frame and contact parts
- Bag Aspiration Spout on Bird Beak Bag Clamp
- Feed Devices
 - Belt Feeder/ Screw Feeder/ Vibrating Feeder



"Bird Beak" Gross Weigher Compact Model



Dust Tight Gross Weigher



Stainless Steel Dust Tight Gross Weigher

FOR SPECIFIC APPLICATIONS CONTACT ACTIVE WEIGHING SOLUTIONS OR OUR REPRESENTATIVE.

Active Weighing Solutions is continually improving the design of its products and reserves the right to make alterations without prior notification.



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