

Bagging Lines

Semi-Automated Bagging



Accurate, Reliable Bagging for 5 - 70kg bags

Dynamic Weighing Specialists

Solutions for weighing materials on the move



Duplex Net Weigher Bagging application



Gross Weigher with Aspiration, Closing Conveyor and Hand Sewer

Bagging line application to suit non free flowing product
 Bag capacity: 30kg
 Filling Accuracy +/- 20grams

Features

- 3 Speed Belt Feeder
- Stainless steel holding hopper
- Powder coated mild steel frame
- Gravity Fed Gross Weigher with
 - Dust tight bag clamp
 - Single position Radial Feed Gate
 - Bag Detection Switches
 - Stainless Steel Contact parts
- EMC 2064 controller
- Data logging software



Bagging Line Design

Active Weighing Solutions has a long tradition of working with customers to design and implement custom solutions that are the right fit. We work with other leading manufacturers to ensure we offer the right combination of equipment that best meets the need for a specific product and application. Our engineers are well experienced in understanding the material handling properties of each product. Our designs are created in 3D, assisting us to take into account all aspects of operational requirements, occupational health and safety, ongoing ease of maintenance and the available budget.

Typical Bagging Rates

Gross Weigher

- 25kg bags up to 16 bags/min at ± 100 grams*
- 50kg bags up to 12-14 bags/min at ± 50 grams*

Net Weigher

- 25kg bags up to 20 bags/min at ± 20 grams*
- 50kg bags up to 16-18 bags/min at ± 20 grams*

*Accuracy- 95% of all weighments will be within the stated tolerance

Product Feed Device Options

Free Flowing Product

Gravity Fed Gross /Net Weigher mounted to a garner bin

Non Free Flowing Product

Belt Feeder or, a Single or Twin Screw Feeder

Semi Automated Bagging Line Typical Components

Subject to the degree of automation required, semi automated bagging line components may include:

- Garner / Day Bin
- Integral Bag Splitters
- Gross Weigher / Net Weigher
 - Dust Tight Bag Clamp
 - Bird Beak Bag Clamp
 - Single or two position Feed Gate
 - Bag Detection Whiskers
 - Stainless Steel contact parts or fully Stainless Steel
 - Aspiration
 - Dust Extraction
- Height Adjustable Closing Conveyor
- Bag Top Former
- Hand Sewer
- Hot Air Sealer
- Band Sealer
- Bag Kicker
- Bag Flattener
- Mechanical Palletising system
- Robotic Palletising



Bagging line application filling woven poly and laminated woven poly bags with various free flowing products

Features

- Gravity Fed Gross Weigher with
 - Bird Beak Bag Clamp
 - Two position Radial Feed Gate
 - Bag Detection Switches
 - Stainless Steel Contact parts
 - EMC 2064 controller
- Bag Top Former
- Height Adjustable Conveyor
- Pedestal Sewer
- Bag Kicker
- Designed for single operator

Bagging line application for various free flowing products and various bag sizes

Features

- Day Bin with integral knives for single trip bulk bags
- Powder coated mild steel frame
- Gravity Fed Gross Weigher with
 - Dust tight bag clamp
 - Two position Radial Feed Gate
 - Bag Detection Switches
 - Stainless Steel Contact parts
- Height Adjustable Closing Conveyor (range 400mm)
- Height Adjustable Hand Sewing bag closer
- Height Adjustable Band Sealer bag closer



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.