

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



Gross Weigher with Aspiration,
Closing Conveyor and Hand Sewer

Bagging line 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 Sensors
 - Stainless Steel contact parts
- EMC 2064 controller
- Data logging software



Bagging line 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 Sensors
 - Stainless Steel contact parts
 - EMC 2064 controller
- Height Adjustable Conveyor
- Bag Top Former
- Pedestal Auto Sewer
- Bag Kicker
- Designed for single operator

Bagging Line Design

Active Weighing Solutions has a long tradition of working with customers to design and implement solutions that are the right fit. We work with other leading manufacturers to ensure we offer the best possible combination of equipment to meet the requirements of each specific product and application. Our engineers have a depth of knowledge and are well experienced in understanding the material handling properties of each product. Using 3D CAD as a design basis, we 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 18 bags/min
50kg bags up to 14 bags/min

Net Weigher

25kg bags up to 20 bags/min
50kg bags up to 18 bags/min

Accuracy: Better than ± 50 grams

Accuracy: Better than ± 20 grams

Product Feed Device Options

Free Flowing Product

Gravity Fed Gross Weigher or Net Weigher mounted to a feed bin

Non Free Flowing Product

Belt Feeder, Vibrating 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
 - Mild Steel, Mild Steel with-Stainless Steel contact parts or fully Stainless Steel
 - Bag Clamp
 - Dust Tight
 - Bird Beak
 - Single or two position Feed Gate
 - Bag Detection sensors
 - Whiskers for two hand start
 - Aspiration
 - Dust Extraction
- Height Adjustable Closing Conveyor
- Bag Closing
 - Sewing
 - Manual (hand)
 - Automatic
 - with Tape Applicator
 - Heat Sealing
- Bag Top Former
- Bag Kicker
- Bag Flattener
- Mechanical Palletising system
- Robotic Palletising

Bagging line with height adjustment features to handle free flowing products with variety of bag sizes

Features

- Day Bin with integral cutting 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 Sensors
 - 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.



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