

Automatic FIBC Filling



Accurate Fast and Reliable Automatic Filling

Dynamic Weighing Specialists

Solutions for weighing materials on the move

Operation

The operator simply attaches an empty FIBC onto the support hooks, places the filling spout onto the feed chute and locks the clamp for dust tight filling. All other operations are automated.



Dust Tight Bag Clamp

Bagging Rates

Up to 60tph is easily achieved using one line (60 x 1 tonne bags) and 20tph when Double Stacking 500.kg bags, depending upon the product being handled.
Contact our office for faster rates.



FIBC Double Stacking

Accuracy

Depending upon the product, expect $\pm 0.5\text{kg}$.

Options

Pallet Dispenser

- Handles different pallets with only a touch of a button e.g. CHEP, Export, Loscam
- Pallet Guides straighten pallets arriving at the Filling Station
- Automatic Pallet Re-Stacking

Slip Sheet Applicator

Enables a cardboard sheet to be applied to pallet prior to FIBC placement

Consolidation Table

Vibrating Table consolidates product into the bag, stabilising the shape of the filled bag

Light Curtains

Safety feature which pauses Raise/Lower operation if beam is interrupted.



Dual 60tph Filling Lines with Automatic Pallet Dispensers and Accumulation Lines

Features

Trade Approved Platform Scale (Overhead)

Double Stacking

Reversible Conveyors

Facilitates easy calibration. Used to drive certified calibration weights into the Filling Station for calibration. Also used for double stacking.

Touch Screen Operator Interface

Easy function selection:

- ☞ Manual / automatic selection
- ☞ Set bag length
- ☞ Set bag capacity (automatically downloaded to Controller)
- ☞ Turn Consolidation On or Off
- ☞ Password protect actions
- ☞ View PLC Inputs and Outputs
- ☞ View Alarms
- ☞ Automatic Bag Release
- ☞ Select manual hook release
- ☞ Consolidation at early stages of filling, prior to filling completion or "Pack Down" option for difficult products

Lifting Frame

- Infinitely Adjustable
- Different sized bags easily handled
- Individual brakes on each drive shaft
- Individual photo-electric eyes on each drive motor



Operator Placing Bag

System Monitoring

- Automatic levelling mechanism
- Automatic frame unbalance detection
- Air pressure detection

Automatic Bag Hook Release

Operator Platform

"U" shaped platform provides easy access for a single operator.

Accumulating Conveyor

Can be supplied in modular format to suit plant layout.

Surface Finish

The FIBC Filling Station comes standard as Epoxy Coated Mild Steel construction with Stainless Steel 304 contact parts. Other finishes are available upon request.

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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