

BIG BAG LOADING SYSTEM ECO LIFT

FOR A BIG BAG LOADING UP TO A WEIGHT OF 1,500 KG



- High filling capacity
- Purely pneumatic Design
- Dust tight operation due to twin wall docking system with inflating hose





Functional principle:

It can be adapted to various Big bag heights. The weighing electronics is easily to calibrate. According to the product characteristics the material is filled into Big bags by means of a dosing screw conveyor, metering-band or vibratory feeder.

The lifting and lowering of the loading spout, and the loop release mechanism are implemented pneumatically.

Particular importance was placed on the ease of operation. An ergonomic design assures comfortable operator positions when hanging the Big bags. The Big bag is then lifted into its loading position to start the process. For a better and more stable material distribution, the pre-defined "compacting function" can be activated during loading.

When loading is finished, the Big bag is sat on the roller tracks and optionally transported out by powered rollers. The empty pallet magazine supplies empty pallets automatically. The pallet dispenser discharges empty pallets automatically. The unit operates dust free by utilizing a twin wall loading spout design and an airtight inflation hose bag-interface. A twin wall connection socket is connected to the aspiration system. The loading station can also be implemented for the loading of containers - without changing the system setup.

Easy controller configuration and a clear user interface ensure simple handling of the device.

Special advantages of ECO LIFT:

- High filling capacity
- High weighing accuracy
- Dust tight operation due to twin wall docking system with inflating hose
- Variable Big bag sizes
- Calibrate able weighing controller
- Easy to operate for one person
- Maximum operator safety
- Automatic loop release
- Sturdy construction

Option:

- Optional roller tracks for automatic bag transport
- Optional design for the food-, animal feed-, chemical- & plastics-industries
- Optional dust explosion rated design (ATEX)
- Optional touch screen with process visualization

Design:

The station consists of:

- Scales plateau with weighing device
- Frame structure built on the scales plateau with vertical guidance for the lifting device
- Version with pneumatic lifting device with 3 positions (attachment position, filling position, depositing position)
- Automatic activation of the pack function in a defined weight value
- Filling hose with aspiration port
- Big bag terminal system with inflating tube bag holder for the dustproof Big bag connection with optimized Diameter
- Lifting device running with pneumatic cylinder for Big bag, max. 1.500 kg
- Standard stroke: 1.000 mm
- Design in stainless steel, material AISI 304
- Surface: pickled & passivated
- Structure: carbon steel
- Size: primed & painted

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