Big Bag Discharge Station

Hoist loading

BBD standard model loading by hoist
Narrow width of big bag:
1,250 & 1,500 mm
Rate: 10 to 30 big bags/hr.
Weight capacity: 2 tons/big bag
Objectives: flexibility for big bags handling and containment

This station allows an ergonomic big bag discharging using an electric hoist. This enables a self-loading of big bags of different sizes on the station.

EasyFlow® Standard

TECHNICAL SPECIFICATIONS

Flow rate: 10 to 30 big bags/hr.
Weight capacity: 2 tons
Structure framework manufacturing: mild steel, 304L stainless steel, 316L stainless steel
Manufacturing of parts in contact with the product: steel, 304L stainless steel, 316L stainless steel
Installed power: 0.1 kW vibration, 1.50 kW at 0.75 kW hoist
Required flow rate for dust extraction: 800 m³/hr.

May vary according to the treated product
Ergonomic height to access to big bag: 1,500 mm

Advantages

- Hopper bulk bag discharger: Ensures the entire weight of the bulk bag is safely supported by the hopper and the discharger is designed so that the operator interfaces with its access door at shoulder height. Operators never work under a suspended load and the reach into the hopper to unite the outer flap and outlet spout is easy and strain free.
- Protection screen: to limit the risk that foreign bodies contaminate powder.
- Pulsed vibration: if the material requires further induction to achieve a steady flood feed state at its outlet, an electromechanical (or pneumatic) vibrator mounted to the hopper provides additional flow inducement.
- Bag strap holder allows fast, easy and secure insertion and removal of bag straps.

Options

- Massage paddles: disposal aid
- Load cells

See all our options on pages 24-28
Big Bag Discharge Station

**Forklift loading**

- **FIBC standard model when loading with forklift**
- **Clear width for big bag**: 1,250 x 1,500 mm
- **Rate**: 10 - 30 big bags/hr.
- **Weight capacity**: 2 tons/bag
- **Objectives**: ergonomics & dust control

This big bag discharge station enables to unload ergonomically big bags by using forklift and a specific handling cross. The height of the structure is adjustable thanks to a system of ducts and rods to fit different sizes of big bags.

**EasyFlow® Standard**

**TECHNICAL SPECIFICATIONS**

- **Flow rate**: 10 to 30 big bags/hr.
- **Weight capacity**: 2 tons
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- **Manufacturing of parts in contact with the material**: steel, 304L stainless steel, 316L stainless steel
- **Installed power**: 0.1 kW
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  - May vary according to the treated product
- **Ergonomic height to access to big bag**: 1,500 mm

**Advantages**

- **Anti-overflow tube**: To ensure the containment of product flow during the big bag cuff opening phase and to offer more ergonomics and safety to the operator
- **Pulsed vibration**: If the material requires further inducement to achieve a steady flood feed state at its outlet, an electromechanical (or pneumatic) vibrator mounted to the hopper provides additional flow inducement
- **Frame adjustment of the station**: Height adjustment by a manual system of rods. Thus, big bags with any dimensions are admissible on the station
- **Rubber seal**: To optimize the containment during the emptying phase (optional)

**Options**

- **Control valve**
- **Dedusting ring**

**See all our options on pages 24-28**
Big Bag Discharge Station

Equipment integrated on standard versions (excluding options):

1. Big bag implementation is ensured by your own handling systems (forklift, overhead crane, jib crane...) and by using the big bag handling cross.
2. Bag hanger with 5 points allows to set the big bag inner liner. A central hook can be implemented to handle big bag with single handle.
3. Main tray ensures the holding of the big bag during the emptying process and secures handling operations.
4. Sealing skirt: to optimize emptying operation, a rubber seal is placed on the main tray for capping the bottom of the big bag.
5. Vibrating motor ensures the main tray vibration to help the powder extraction.
6. Unlacing cabinet with dust-proof door offers a secure and ergonomic access to the big bag spout.
7. Anti-overflow tube canalizes product flow into the unlacing box and facilitates the handling of the operator.
8. Protection screen ensures powder feeding without foreign body (mesh size 50 x 50 mm).

Technical specifications:

- **Flow rate:** 10 to 30 big bags/hr.
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- **Structural framework manufacturing:** mild steel, 304L stainless steel, 316L stainless steel
- **Manufacturing of parts in contact with the material:** steel, 304L stainless steel, 316L stainless steel
- **Installed power:** 0.1 kW
- **Required flow rate for dust extraction:** 800 m³/hr.
- **Ergonomic height to access big bag:** 1,500 mm

See all our options on pages 24-28.

EasyFlow® Standard

**AVAILABLE**

**CUSTOM**

**MADE**

**EasyFlow® Standard Model**

**Flow rate:** 10 to 30 big bags/hr.
**Weight capacity:** 2 tons
**Structural framework manufacturing:** mild steel, 304L stainless steel, 316L stainless steel
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See all our options on pages 24-28.

Options

Commercial dosing and weighing

Massage paddles to aid flow

Download videos & layouts from our website.

**Max. big bag height in mm.**

<table>
<thead>
<tr>
<th>Model</th>
<th>Max. big bag height in mm.</th>
<th>Max. big bag width in mm.</th>
<th>D1</th>
<th>D2</th>
<th>A</th>
<th>B</th>
<th>Weight in kg</th>
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