Big Bag Discharge Station

Docking system

BBD dust control model with docking system

- Rate: 10 to 20 big bags/hr.
- Weight capacity: 2 tons/big bag

Objectives: total dust control & flexibility of handling big bags

This FIBC unloader ensures the total containment during the big bag discharging step and maintains the big bag spout tension to permit easy flow while providing an ergonomic working station for the operator. Three versions are available: electric hoist, forklift loading or low structure.

BBD dust control model with docking system

- Rate: 10 to 20 big bags/hr.
- Weight capacity: 2 tons

Structural 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

Required rate for dust extraction: 150 m³/hr. *May vary according to the material

Ergonomical access to the big bag: 1600 - 1280 mm

Total dust containment with tensioning and docking cylinder: it provides a dust-tight seal with the discharge spout of the big bag and eliminates the potential for contaminants to enter the process. The pneumatic cylinder enables the operator to adjust the connection height to fit different big bag sizes.

Double envelope tube: it ensures volume balancing and thus avoids any pressure increase and/or flow problem.

Possible loading methods:

- Electric hoist
- Forklift
- Low structure

2 possible configurations for connecting the big bag spout:
1. The inflatable seal is fitted on the double envelope tube with a reorientation ring
2. The "pinch" ring is activated manually or by pneumatic cylinders

2. Set the big bag spout
3. Open the big bag unloading spout
4. Put big bag under vacuum (optional): at the end of the emptying process, the operator can put the big bag under vacuum using a dust collector to avoid dust emanation into production facilities

Advantages

- 2 possible configurations for connecting the big bag spout
- ERGONOMICAL ACCESS TO THE BIG BAG: 1600 - 1280 MM

EasyFlow® Dust control

TECHNICAL SPECIFICATIONS

Flow rate: 10 to 20 big bags/hr.
Weight capacity: 2 tons

EasyFlow® Dust Control Model
**Electric Hoist Loading**

- Max. big bag height in mm: 2,200
- Max. big bag width in mm: 1,150
- Max. big bag length in mm: 1,250
- Max. bag capacity: 1,100
- Max. bag capacity: 1,100
- Max. bag capacity: 1,100
- Max. bag capacity: 1,100
- Max. bag capacity: 1,100

**Forklift Loading**

- Max. big bag height in mm: 2,200
- Max. big bag width in mm: 1,150
- Max. big bag length in mm: 1,250
- Max. bag capacity: 1,100
- Max. bag capacity: 1,100
- Max. bag capacity: 1,100
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- Max. bag capacity: 1,100

**Forklift Loading Low Structure**

- Max. big bag height in mm: 2,200
- Max. big bag width in mm: 1,150
- Max. big bag length in mm: 1,250
- Max. bag capacity: 1,100
- Max. bag capacity: 1,100
- Max. bag capacity: 1,100
- Max. bag capacity: 1,100
- Max. bag capacity: 1,100

**Models**

- **VBB125PTUT**: 2,200 | 1,150 | 1,250 | 1,606 | 1,500 | 1,100
- **VBB150PTUT**: 2,200 | 1,400 | 1,500 | 1,810 | 1,510 | 1,580
- **VBB125CTUT**: 2,200 | 1,150 | 1,250 | 1,580 | 1,590 | 1,580
- **VBB150CTUT**: 2,200 | 1,400 | 1,500 | 1,830 | 1,840 | 1,620
- **VBB125BTUT**: 2,200 | 1,150 | 1,250 | 1,590 | 1,590 | 1,590
- **VBB150BTUT**: 2,200 | 1,400 | 1,500 | 1,840 | 1,840 | 1,630

**Dimensions**

- D1: 1,150
- D2: 1,250
- A: 1,606
- B: 1,500
- Weight in kg: 1,100

**Docking System**

- Electric Hoist Loading
- Forklift Loading
- Forklift Loading Low Structure

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**Pneumatic cylinder stroke**: 250mm

**Dust control model**

- Models Max. big bag height in mm. Max. big bag width in mm. D1 D2 A B Weight in kg
- VBB125CTUT: 2,200 | 1,150 | 1,250 | 1,580 | 1,590 | 1,580
- VBB150CTUT: 2,200 | 1,400 | 1,500 | 1,830 | 1,840 | 1,620
- VBB125BTUT: 2,200 | 1,150 | 1,250 | 1,590 | 1,590 | 1,590
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