

# Big Bag Discharge Station

# EasyFlow<sup>®</sup> Dust control



EasyFlow<sup>®</sup>  
Dust Control Model

## Glove box

**FIBC dust control model with glove box**

**Rate:** 10 to 20 big bags/hr.

**Weight capacity:** 2 tons/big bag

**Objectives:** total containment & safety for operators

Big bag discharge station model integrates a glove box which prevents the operator from being in contact with the material, while maintaining a good visibility. Three versions are available: electric hoist, forklift loading or low structure.

## TECHNICAL SPECIFICATIONS

**Flow rate:** 10 to 20 big bags/hr.

**Structural framework manufacturing:** mild steel, 304L stainless steel, 316L stainless steel

**Finishes:** RAL 9006, microblasted, electropolishing

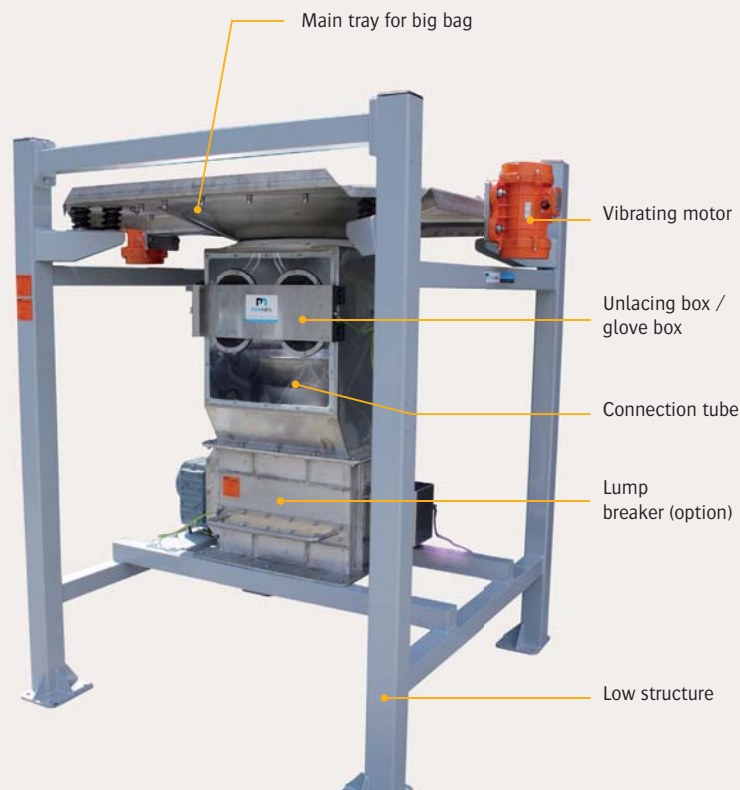
**Installed power:** 0.1 kW (according to the option)

**Operation pressure:** 6 bars

**Dust collecting flow rate required:** 300 m<sup>3</sup>/hr.\*

\*may vary according to the material

**Ergonomic height for access to the big bag:** 1.550 mm.



▶ **Containment and operator protection:** the glove box with a dust-proof door provides a secure and ergonomic access to the big bag spout. The respect of the sight height allows the operator to manipulate big bag without being in contact with potential toxic materials



▶ **Flow control (optional):** the PALAMATIC PROCESS control valve enables the operator to stop very flowing materials or to control the flow. This pneumatic valve strangles the big bag spout. It is actuated by pneumatic cylinders



▶ **Improvement of bulk material flow (optional):** the bulk material flow is optimized thanks to a pneumatic massager system. Pneumatic cylinders are implanted on the lower part of the structure, crush severely agglomerated lump into smaller chunks (2, 4 or 6 actuators depending on the type of powder)



▶ **Connection to the dedusting unit (optional):** the dedusting ring is mounted on the receiver plate and minimizes dust emissions. It is composed of a split tube and a pipe for connection to the dedusting unit. It is manually operated to adjust or close off the suction flow

## Advantages

## Possible loading methods:



Electric hoist



Forklift



Low structure

## Options

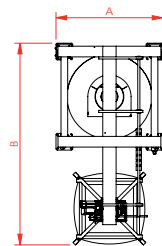
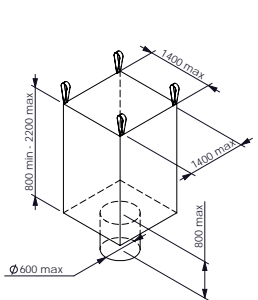
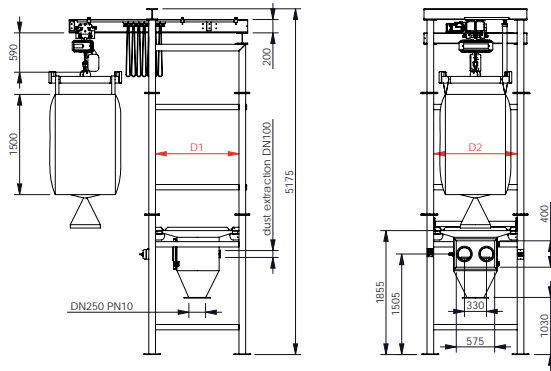


Big bag compactor



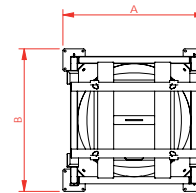
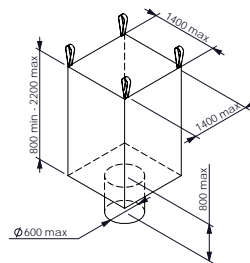
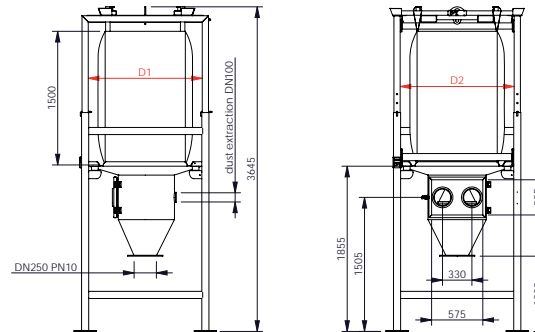
Lump breaker

## Hoist Loading



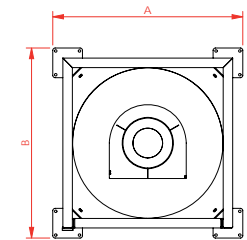
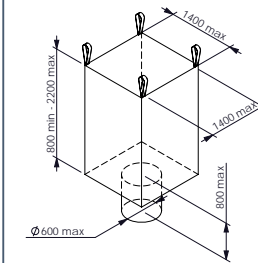
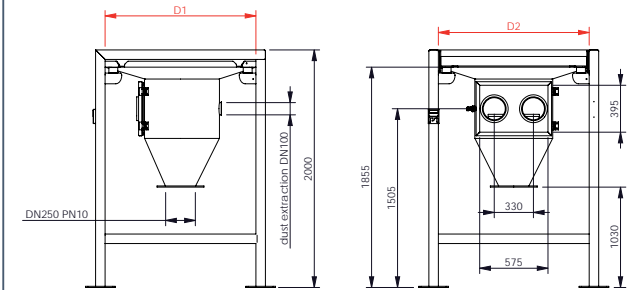
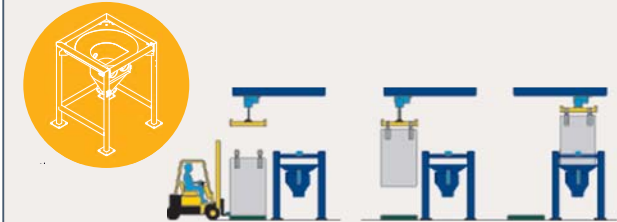
Models	Max. big bag height in mm.	Max. big bag width in mm.	D1	D2	A	B	Weight in kg
VBB125PBG	2 200	1 150	1 250	1 250	1 600	3 100	1 200
VBB150PBG	2 200	1 400	1 500	1 500	1 890	3 350	1 680

## Forklift Loading



Models	Max. big bag height in mm.	Max. big bag width in mm.	D1	D2	A	B	Weight in kg
VBB125CBG	2 200	1 150	1 280	1 280	1 600	1 600	640
VBB150CBG	2 200	1 400	1 500	1 500	1 850	1 850	900

## Low structure



Models	Max. big bag height in mm.	Max. big bag width in mm.	D1	D2	A	B	Weight in kg
VBB125BBG	2 200	1 150	1 280	1 280	1 600	1 600	520
VBB150BBG	2 200	1 400	1 500	1 500	1 850	1 850	720