



Equipment for automatically unloading and dosing bulk bags, with different unloading solution. The DBB series offers a sealed system as well as the possibility of sealing the bulk bag once open for subsequent unloading.



Bulk Bag Discharger

DBB Series

The benefits of our solutions



CONSTANT UPDATING

Over 30 years of experience encourage us to continue evolving. We are committed to highly qualified human capital and continuous training.



PIONEERING SYSTEMS

We are passionate about technology. Applying a 4.0 factory vision in an IOT and BIG Data environment to achieve the most intelligent and competitive systems.



COST REDUCTION

We strive to make your life easier. Optimizing production processes to same expenses and increase competitiveness. Always working in a personalised manner. Each case is a world in itself.

Our values



PROXIMITY AND EMPATHY

Understanding the clients' needs and concerns enables us to develop the best project for their needs.



PASSION AND ENGAGEMENT

We enjoy the challenges posed by each project and are committed to offer the best solution.



CREATIVITY AND INNOVATION

We imagine, create and develop the most innovative solutions because this is our passion.

Exporting all over the world



Advantages

1. Sealed system

POWDER DS DBB series equipment, offers a sealing system for the bulk bag to be completely sealed together with the unloading hopper, thus avoiding any leaks of the product.

3. Ease of use

Series DBB equipment adapts to clients' technical needs; they can incorporate hoisting equipment with a single-rail hoist together with a cross brace for positioning and holding the bulk bag or allow the use of a forklift to raise and position the sack inside.

2. Capacity to unload up to half and to seal

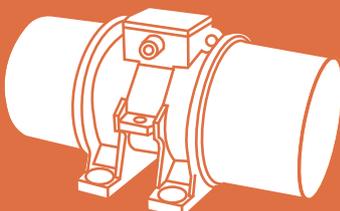
Our technology enables you to unload a bulk bag up to a certain amount, which by means of a special valve, the operator can stop the passage of the product until it is completely sealed. The equipment has been designed to be able to store the bulk bag, without leaks, for a new uploading.

4. Personalisation of unloading

POWDER DS equipment can incorporate different unloading systems, adapting to the needs of each ingredient (Rotating valve, screw, drag chain conveyor, pneumatic conveyor)



Accessories



Bulk Bag vibrator



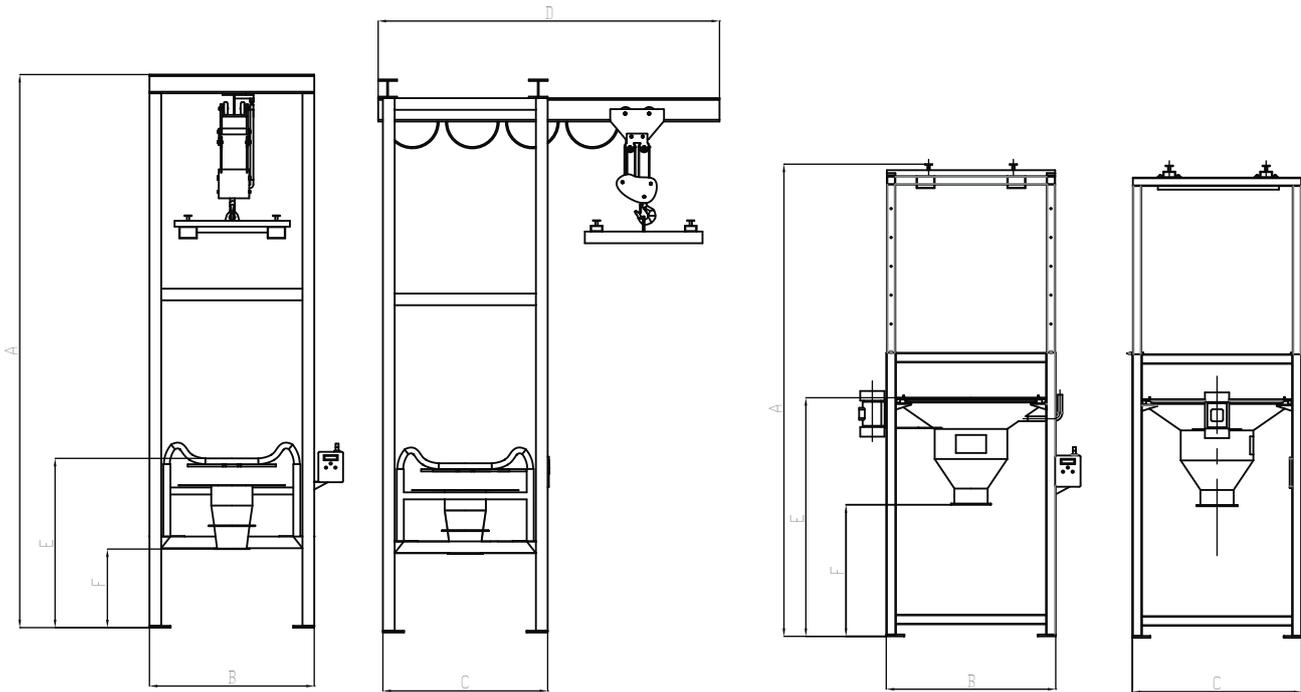
Shaking actuators

Operation

POWDER DOSING SYSTEM offers different solutions for unloading bulk bags, solutions that adapt to different bag formats, to the characteristics of the products stored and the technological needs of our clients.

POWDER DS engineers, aware of our clients' processes, have designed a Bulk Bag discharger system that is simple and effective, adaptable to the different needs of the industry.

Technical Specifications



DBB-P single-rail hoist Bulk Bag Discharger

DBB-H Forklift Bulk Bag Discharger

Model	A	B	C	D	E	F	kg max	Installed elec. power
DBB-P	4825	1440	1440	2900	1946	1160	≤2000	1 kW
DBB-H	4825	1440	1440	-	1946	1160	≤2000	1 kW

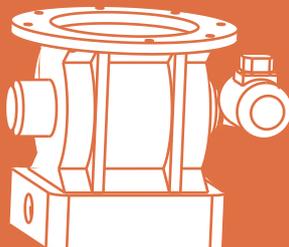
Dimensions in mm

Outlet options

Other solutions to consider



Screw conveyor



Rotatory valve



Pneumatic conveyor



Drag conveyor

Bulk Bags

The DBB series can handle all types of Bulk Bags:

- 1m³
- 1,5m³
- 2,3m³
- 3m³
- 0,5m³
- 0,75m³
- 0,33m³

Features

Very simple equipment that allows all types of Bulk Bags to be unloaded rapidly.

Lifting and positioning of the Bulk Bag by means of an electric single-rail hoist or a forklift.

The unloading hopper has a vibrating bottom to guarantee product unloading and prevent caking.

The Big Bag unloader of the DBB series can be customised both in terms of dimensions and product outlet according to requirements.

Different techniques are available for unloading the product:

- With rotary valve
- Screw conveyor
- Vibrating bottom

To check the weight of the dosed product, a weighing system can be added.

Once the product has been extracted, it can be conveyed by different extraction systems:

- Extraction by drag conveyor
- Extraction by pneumatic conveyor
- Extraction by screw conveyor

MATERIALES	
Piezas en contacto con el producto	AISI 316
Other materiales	Aluminium, AISI 314
Square tube structure 80x80mm (standard)	Painted steel, AISI 304
Internal finish (standard)	Mirror Polish
External finish (standard)	Matte Polish

Optional other materials



Installation screen



User-friendly display



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