

Duopal®: Big Bag & Sack Discharge Station



Duopal®

UNLOADING OF SACKS AND BIG BAGS ON THE SAME DISCHARGING POINT

PALAMATIC PROCESS designed standard bulk bag unloaders to meet the needs of industries loading their process with big bags and sacks (25/50 kg) on the same discharging point.

This FIBC discharge station allows the ergonomical deconditioning big bags and sacks using an electric hoist, a forklift or a bridge crane and is available in «low structure» version.

EQUIPMENT EMBEDDED IN STANDARD VERSIONS (EXCLUDING OPTIONS):

Self-supporting structure with adjustable height and centering device: it allows the positioning of the big bag on the discharging system. The height of the station is adjustable to fit to various heights of big bag with a centering device to secure the loading process

5 points handling cross: to set the inner liner of the big bag and for big bag with single handle

Main tray: to maintain the big bag and sack when emptying and secures handling operations

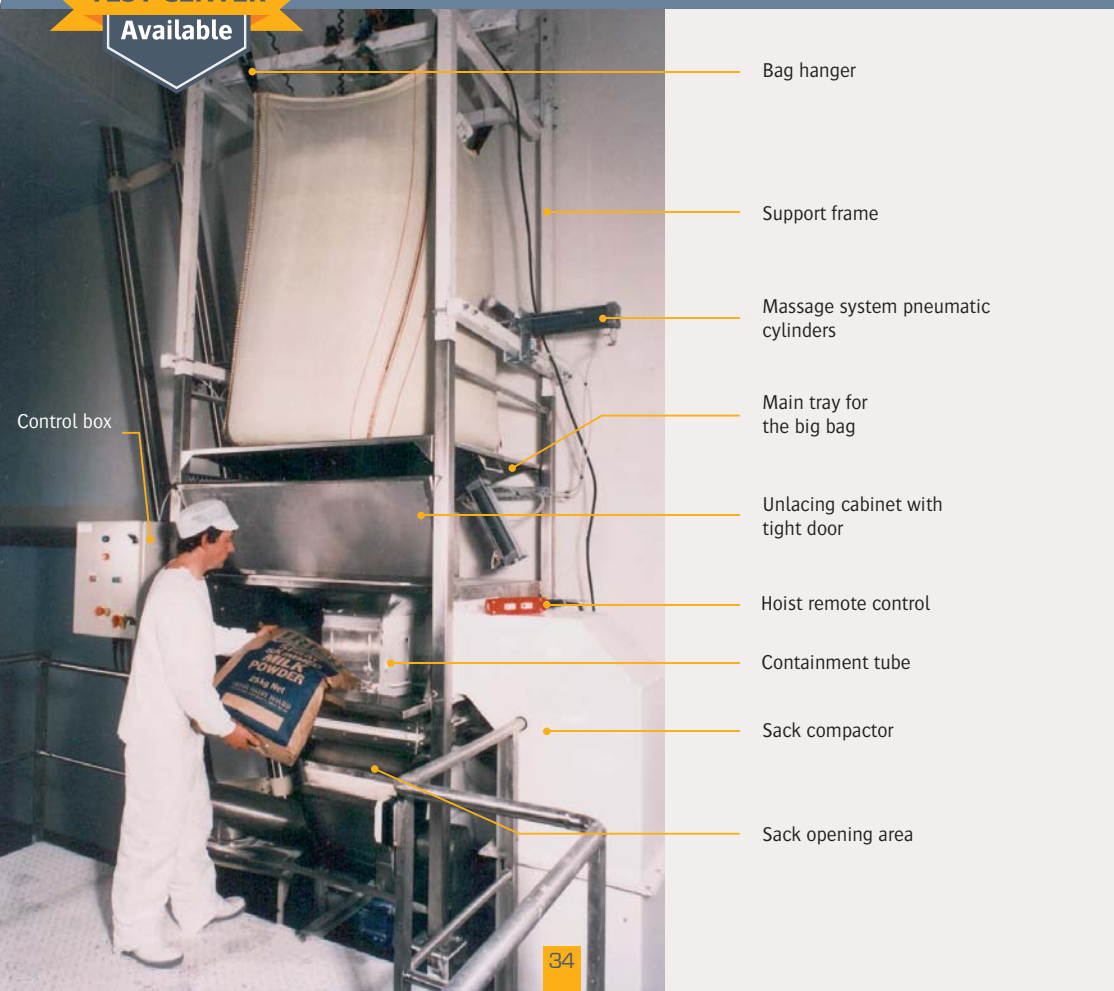
Rubber seal: to optimize containment by capping the bottom of the big bag

Vibrating motor: to ensure the vibration of the main tray to help the extraction of the powder

Unlacing cabinet with dust-proof door: to provide a secure and ergonomic access to the spout of the big bag

Anti-overflow tube: to channel the flow of product into the unlacing box and facilitate the handling for the operator

Protection screen: to ensure the feeding of powder without foreign body (mesh size 50 x 50 mm.)



- Bag hanger
- Support frame
- Massage system pneumatic cylinders
- Main tray for the big bag
- Unlacing cabinet with tight door
- Hoist remote control
- Containment tube
- Sack compactor
- Sack opening area



Connecting tube (depending on version): This tube offers a contained connection between the big bag and the discharging station. The pneumatic cylinder allows the operator to adjust the height of connection to adapt to different types of big bags



Dust proof tube: It allows containment at the opening of the spout of the big bag and thus offers more ergonomics and safety to the operators when opening sacks



Tray with massage system. The bulk material flow is optimized thanks to a pneumatic massaging system. Pneumatic actuators implanted on the lower part of the structure crush agglomerated lump



Cardboard boxes deconditioning: The opening of the dump station allows the deconditioning of different types of containers, bags, boxes... From an ergonomic point of view, the tablet allows to put down the cardboard and empty it effortlessly



Possible ways of loading:



Electric hoist

Forklift

Low structure



Commercial weighing and dosing

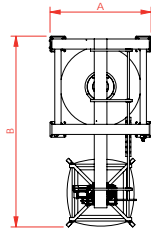
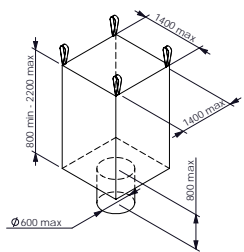
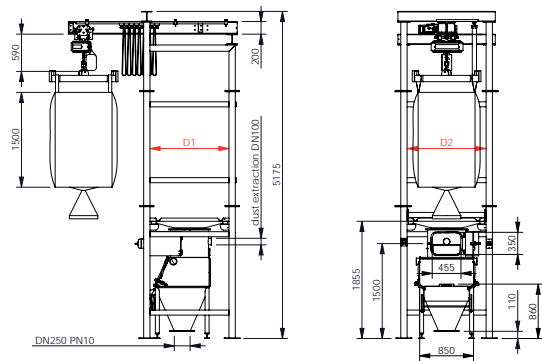


Grate

See all our options on pages 24-28

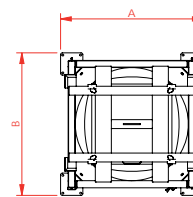
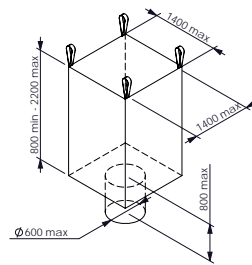
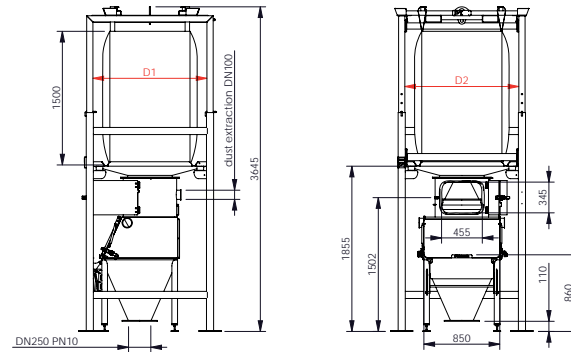
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Electric Hoist Loading



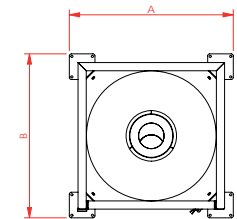
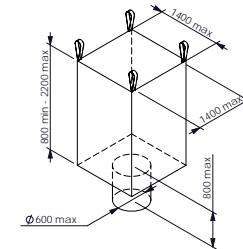
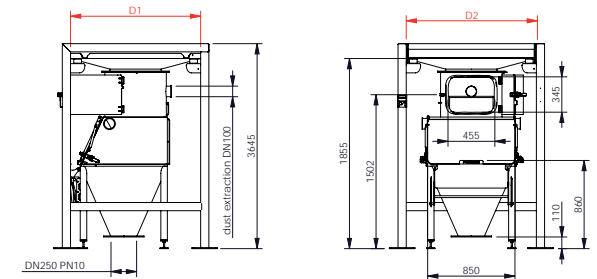
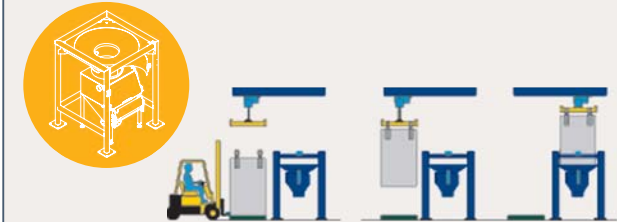
Models	Max. big bag height in mm.	Max. big bag width in mm.	D1	D2	A	B	Weight in kg
DP125P	2,200	1,150	1,250	1,250	1,600	3,100	1,350
DP150P	2,200	1,400	1,500	1,500	1,890	3,350	1,890

Forklift Loading



Models	Max. big bag height in mm.	Max. big bag width in mm.	D1	D2	A	B	Weight in kg
DP125C	2,200	1,150	1,280	1,280	1,600	1,600	790
DP150C	2,200	1,400	1,500	1,500	1,850	1,850	1,110

Low Structure



Models	Max. big bag height in mm.	Max. big bag width in mm.	D1	D2	A	B	Weight in kg
DP125B	2,200	1,150	1,280	1,280	1,600	1,600	670
DP150B	2,200	1,400	1,500	1,500	1,850	1,850	930