

Duopal®: Big Bag & Sack Discharge Station



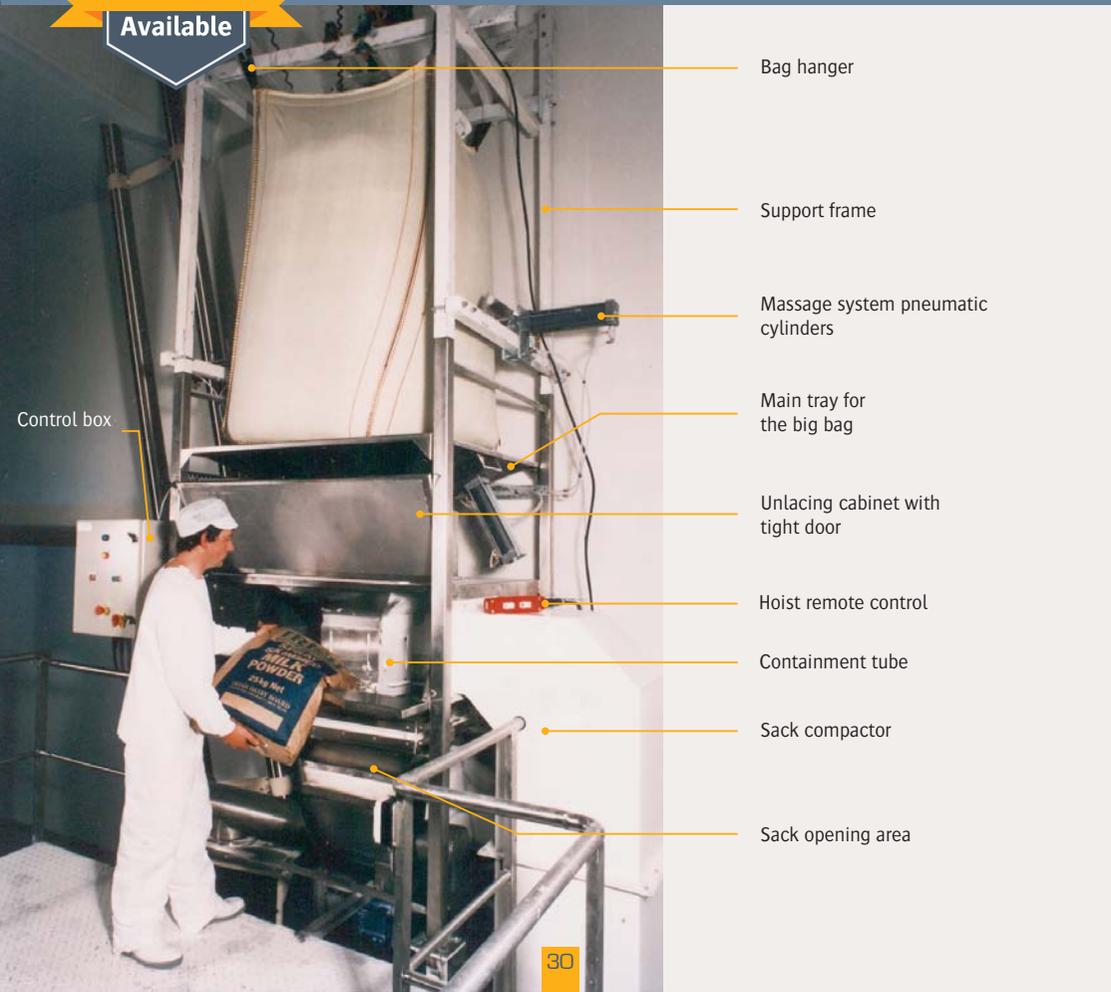
UNLOADING OF SACKS AND BIG BAGS ON THE SAME DISCHARGING POINT

PALAMATIC PROCESS developed 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 deconditioning big bags and sacks ergonomically using an electric hoist, a forklift or a bridge crane and is available in «low structure» version.

EQUIPMENTS INTEGRATED ON 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 facilitates 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

Advantages



Possible ways of loading:



Electric hoist

Forklift

Low structure

Options



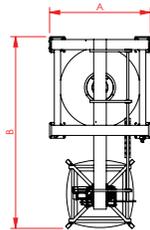
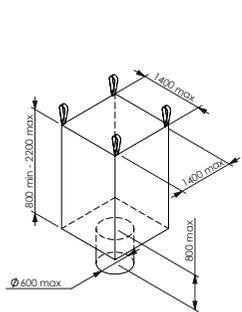
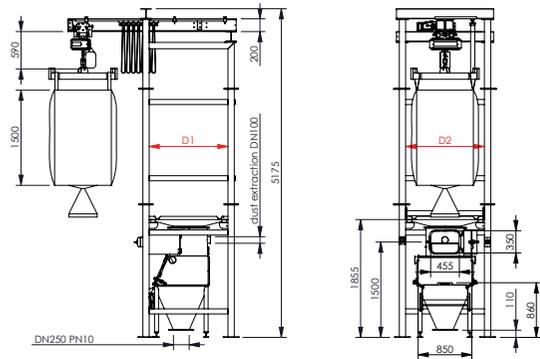
Commercial weighing and dosing



Grate

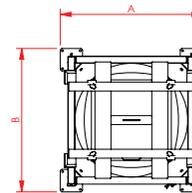
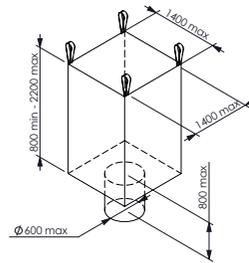
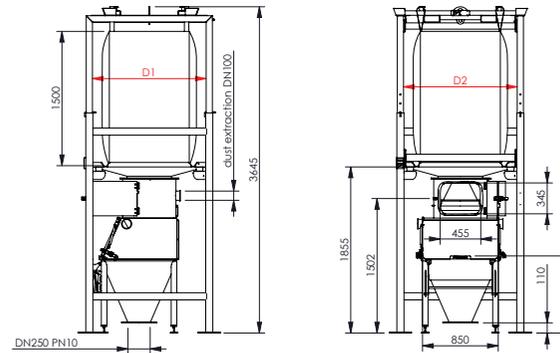
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Electric Hoist Loading



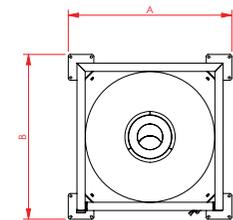
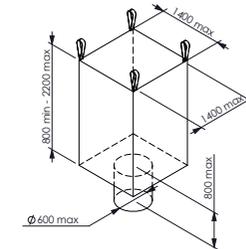
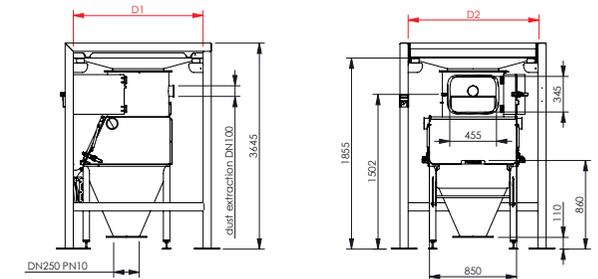
Ref	max big bag height	max big bag width	D1	D2	A	B
VBB125P	2200	1150	1250	1250	1600	3100
VBB150P	2200	1400	1500	1500	1890	3350

Forklift Loading



Ref	max big bag height	max big bag width	D1	D2	A	B
VBB125P	2200	1150	1280	1280	1600	1600
VBB150P	2200	1400	1500	1500	1850	1850

Low Structure



Ref	max big bag height	max big bag width	D1	D2	A	B
VBB125P	2200	1150	1280	1280	1600	1600
VBB150P	2200	1400	1500	1500	1850	1850