

## BULK BAG AND SACK UNLOADING ON THE SAME STATION

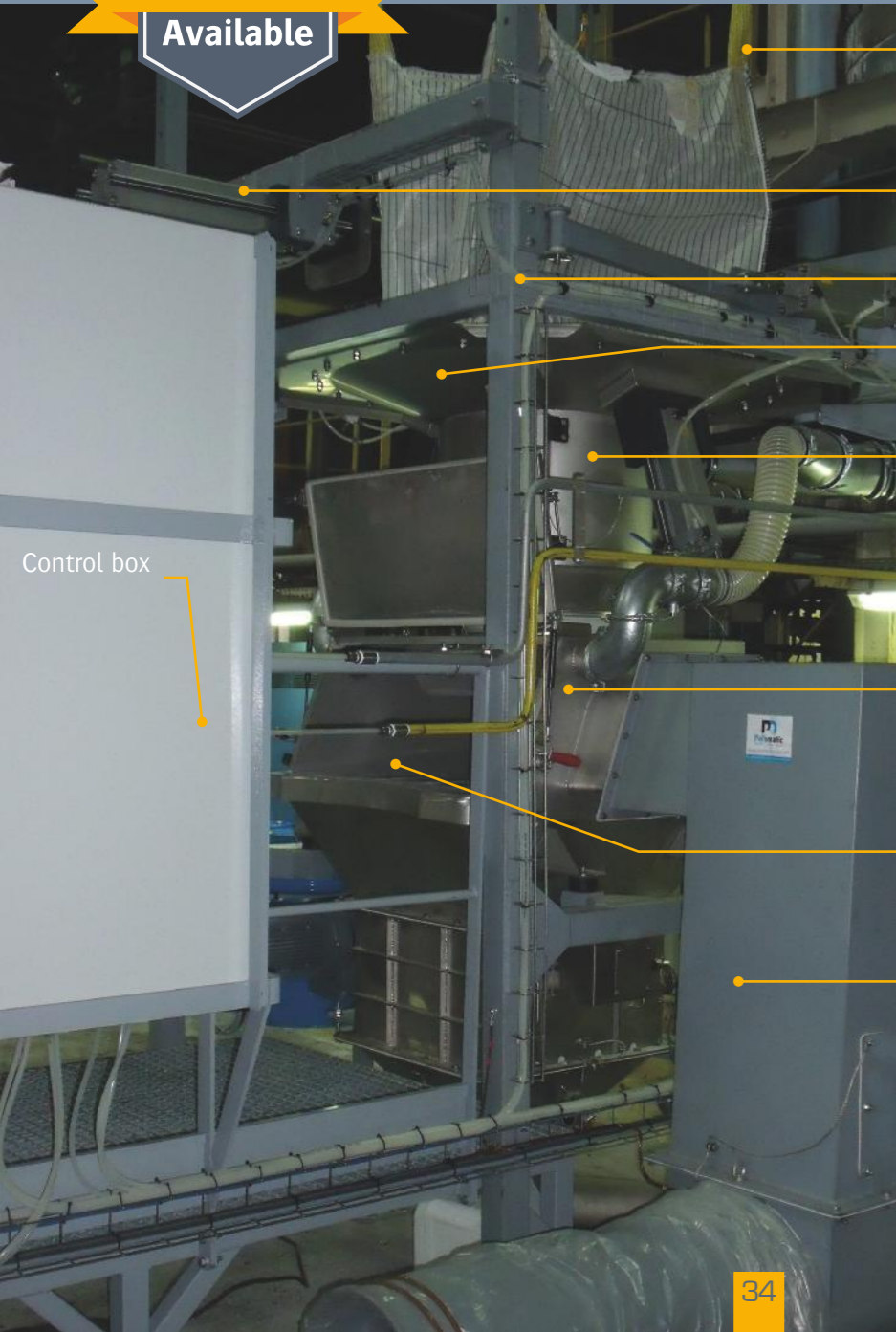
PALAMATIC PROCESS designed standard unloading stations to accommodate the needs of various industries that require the emptying of bulk bags and sacks (50 / 100 lbs) on the same station.

This discharge station allows the ergonomic deconditioning of bulk bags and sacks using either an electric hoist, forklift or a bridge crane. The station can accommodate production lines with restrictive floor space and is available in a low structure design.



## STANDARD AND OPTIONAL FEATURES:

- Self-supporting structure** with adjustable height and centering device: allows the positioning of the bulk bag on the unloading station. The height of the station is adaptable to accommodate bulk bags of various heights and the centering device secures the loading process.
- 5 points handling cross:** to help load and set the bulk bag by its handles
- Main tray:** to secure the bulk bag and sacks while unloading and handling
- Rubber seal:** optimizes dust containment by sealing the bottom of the bulk bag as it rests on the tray
- Vibrating tray:** vibrating motor on the main tray facilitates flow of difficult powders
- Unlacing cabinet with dust proof door:** provides a secure and ergonomic access to the bulk bag discharge spout
- Anti-overflow tube:** channels the flow of material and prevents material spillage within the unlacing cabinet
- Security screen:** provides minimal protection against foreign bodies during material unloading (50x50 mm mesh size)



- Bag hanger
- Massage system pneumatic cylinders
- Support frame
- Bulk bag main tray
- Containment tube
- Dust tight unlacing cabinet
- Sack opening area
- Sack compactor



▶ **Telescopic 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.



▶ **Anti-overflow tube**  
Allows material containment at the spout of the bulk bag and provides ergonomics and safety for the operator when opening the bulk bag.



▶ **Pneumatic massage paddles system**  
Provides optimal material flow via the pneumatic actuation of lower and upper paddles that break up agglomerates and material bridges.



▶ **Integrated bag dump station**  
The bag dump station allows the deconditioning of various containers including sacks, boxes, buckets, etc. The sack tray provides ergonomics for the operator to rest the container on the station and dumping the material with minimal effort.

## Advantages

## Loading methods:



Electric hoist

Forklift

Low structure

## Options



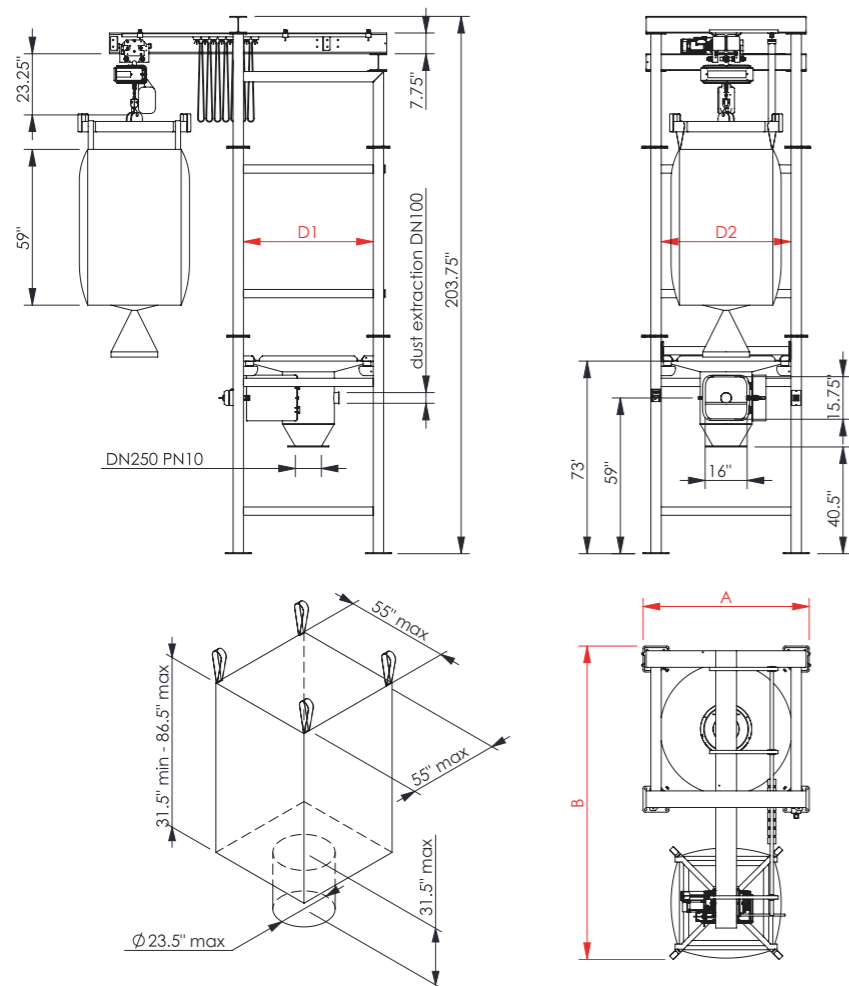
Commercial weighing and dosing



Safety grid

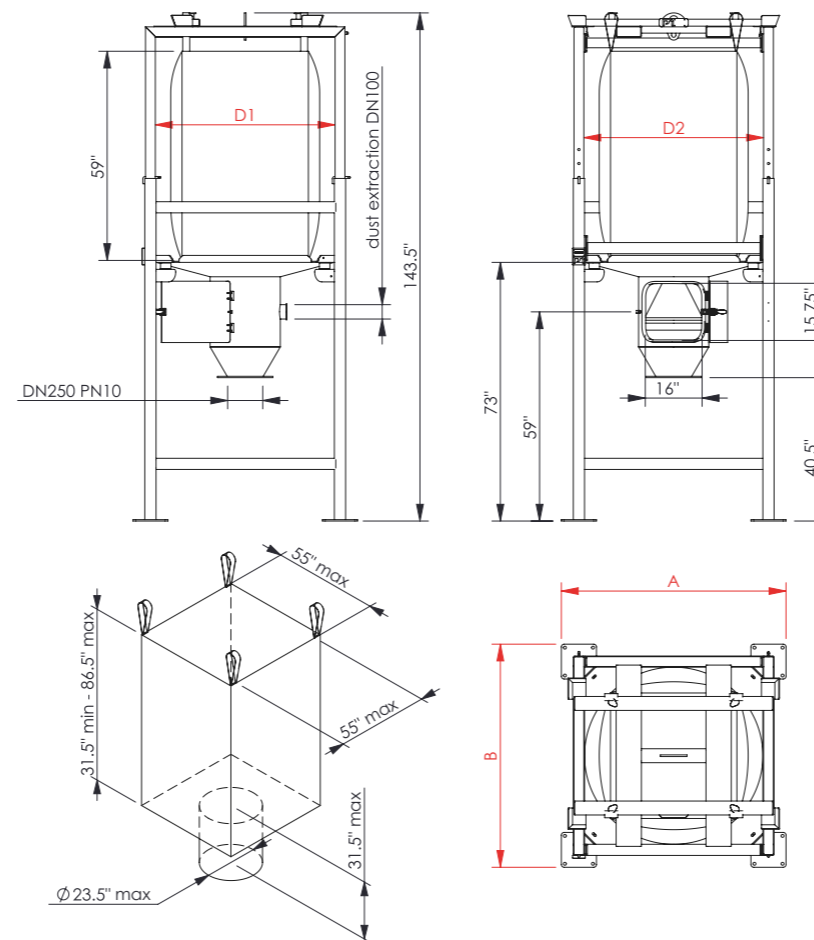
# Duopal®: Bulk Bag & Sack Discharge Station

## Electric Hoist Loading



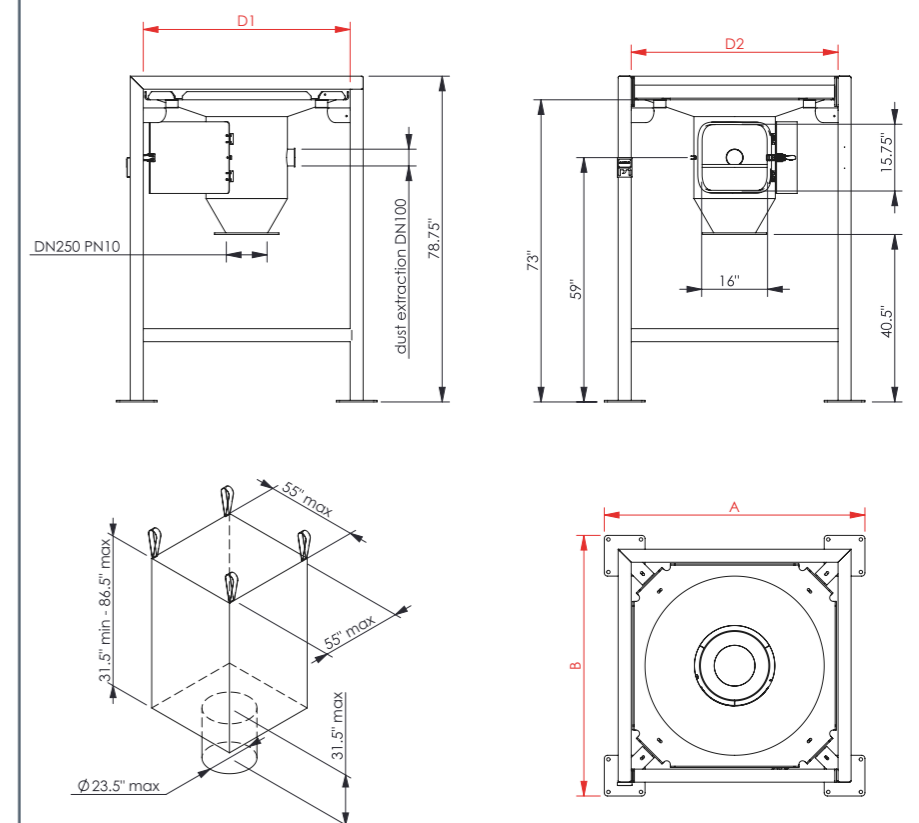
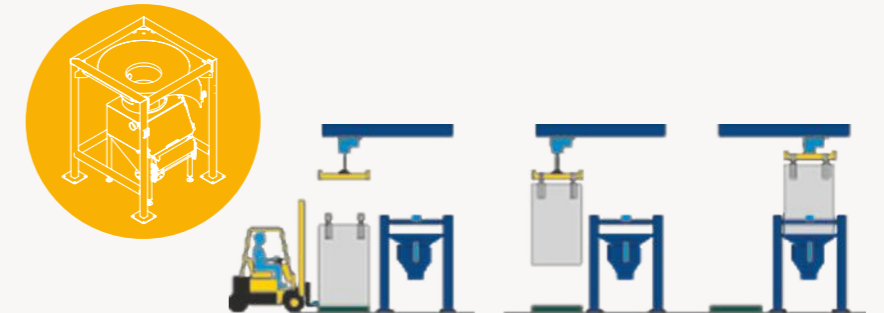
Models	Max. bulk bag height	Max. bulk bag width	D1	D2	A	B	Weight in lbs
DP01-125	86.5"	49"	49"	49"	63"	122"	2,976
DP01-150	86.5"	59"	59"	59"	74.5"	132"	4,166

## Forklift Loading



Models	Max. bulk bag height	Max. bulk bag width	D1	D2	A	B	Weight in lbs
DP02-125	86.5"	45"	50"	50"	63"	63"	1,740
DP02-150	86.5"	55"	59"	59"	73"	73"	2,447

## Low Structure



Models	Max. bulk bag height	Max. bulk bag width	D1	D2	A	B	Weight in lbs
DP03-125	86.5"	45"	50"	50"	63"	63"	1,477
DP03-150	86.5"	55"	59"	59"	73"	73"	2,050