

Bigbag Discharge Master

The Bigbag Discharge Master is a flexible system in line with a wide range of other bigbag discharge systems, all designed to meet the various demands in different industries.

Air-tight powder emptying

The Bigbag Discharge Master is an ergonomic, flexible and effective unit that can be adapted to different types of bigbags and discharge options, depending on the product and the discharge purpose.

The system is a module system, with different options for handling of bigbags in/out of the rack (forklift handling on a lifting yoke or by an electrical chain hoist).

The system is designed in three modules:

1. Bottom section with discharge options
2. Middle section in different height, according to bigbag types
3. Top section with an electrical hoist or fixed frame for bigbag handling with a forklift truck in a lifting yoke

The lifting yoke is designed with a low building height with a safe attachment to the lifting straps on the bigbag.

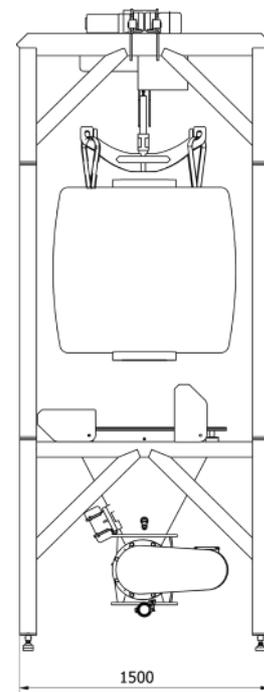
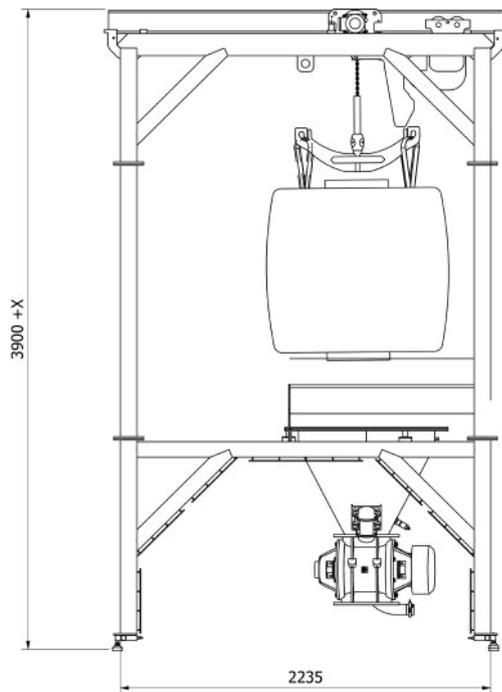
Our Bigbag Discharge Master is very flexible and has many options to meet the clients' demand

Benefits of the Bigbag Discharge Master

- Easy and safe access to operate the system
- Closed system with low dust emission
- Ergonomic design in compliance with EHEDG
- ATEX-compliant solutions



Technical data



Construction height

X	indicates variable heights adjusted to bigbag sizes and room height
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Bigbag size according to EN21898

Volume:	0.5 m ³ to 2 m ³
Height (max):	2200 mm
Lifting straps:	300 mm
Filling spout:	Ø350 - 450 mm

Equipment

Standard equipment

- Load cells and weighing computer
- Vibrator on the bigbag and fluidising and vibrator on the outlet funnel
- Dust extracting around the outlet spout (discharge funnel)
- Iris valve for closing and removing bigbags with content
- Outlet-Hopper (different sizes available)
- Dosing device (rotary valve, screw feeder or a vibrator feeder)
- Fan with connection to the filling head to replace compressed air for filling of the bigbags
- Supply of dry compressed air according to the specifications (typical up to 7 bar, 2-10 m³/h)

Optional equipment

- Sifter/magnet/lumpbreaking
- Working platform
- Grounding Clamp
- Central PLC control system
- Other ATEX zones
- Buffer-bin
- Flow aids
- Sifters
- Flow magnet
- Combined bag tipping unit
- Clamp functions
- Connection to dosing systems (rotary valves, screw feeder)
- Connections to pneumatic powder conveying systems