

FIBC DISCHARGER WITH ANTI-DUST SYSTEM

SPBBE-ADS SERIES

EASY MATERIAL DISCHARGE

COMPACT & CONVENIENT

■ PRODUCT OVERVIEW SYSTEM ARCHITECTURE & KEY INNOVATIONS

EASY, CLEAN, AND SAFE FIBC EMPTYING WITH ENHANCED DUST CONTROL

The SPBBE-ADS-type FIBC Discharger represents the next evolution in stationary systems for hygienic and efficient bulk bag emptying. Building on a proven design, the updated model delivers key enhancements in sealing, ergonomics, and cleanability.

At its core is an advanced Anti-Dust System, ensuring safer, cleaner, and more user-friendly loading, unloading, and bag opening. A newly engineered petal-shaped flow aid allows for full or partial discharge, even with difficult materials—driving both efficiency and operational savings.

2,000 kgCE-Certified Max.
Load**Ø 273 mm**Standard Outlet
Diameter**3 Models**S / C / M Loading
Options

EASY MATERIAL DISCHARGE

Anti-Dust Sealing & Ergonomic Access
Hatchway

COMPACT & CONVENIENT

Integrated Flow Aid & Modular Frame
Structure

SPBBE-ADS

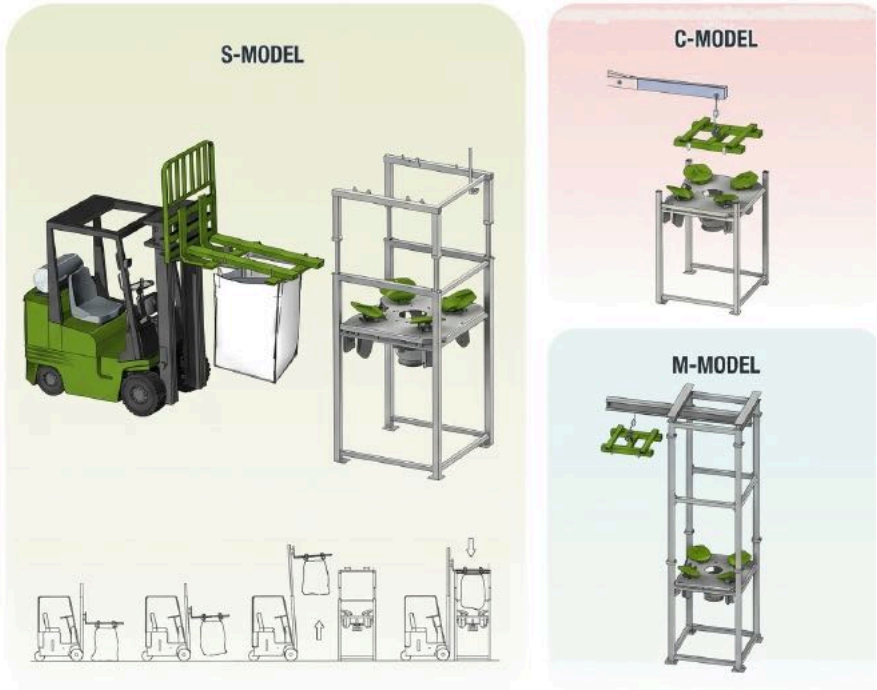
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SOLIDS DISCHARGING EQUIPMENT • SPBBE-ADS SERIES



LOADING CONFIGURATIONS & MODELS

S-MODEL, C-MODEL, AND M-MODEL OPTIONS TAILORED TO YOUR PLANT



S-MODEL for loading by forklift-truck • C-MODEL for loading by crane • M-MODEL for loading by hoisting gear

S-MODEL

Configured with upper Bag Holder cross-beam for loading by forklift-truck

C-MODEL

Compact lower station configuration designed for loading by overhead crane

M-MODEL

Self-contained framework with integrated monorail hoisting gear for bag loading

TECHNICAL PARAMETERS OVERALL DIMENSIONS & CAPACITY SPECIFICATIONS

Parameter / Model		SPBBE-ADS..S	SPBBE-ADS..C	SPBBE-ADS..M
Outlet Diameter (Ø)	mm	273	273	273
Max. Height	mm	2400 - 4450	1965	3680 - 5250
Width	mm	1470	1470	1470 (3662)
Max. FIBC Dimensions	mm	1200 x 1200	1200 x 1200	1200 x 1200
Max. FIBC Height	mm	800 - 2000	Unlimited	800 - 2000
Max. FIBC Weight	kg	2000	2000	2000

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BENEFITS OPERATIONAL EFFICIENCY & ENGINEERING ADVANTAGES



Compact internal footprint with no protruding parts, enabling optimised battery configuration and maximum space efficiency.



Easily adaptable to a wide range of materials, as well as various FIBC sizes, types, and weights.



Enables complete FIBC emptying with no manual intervention required.



Large-scale industrial production ensures a high-quality product at an attractive price point.



Fully pre-equipped for seamless retrofitting of additional accessories.



Ensures problem-free emptying of bag corners, even with compressed or compacted bulk materials.

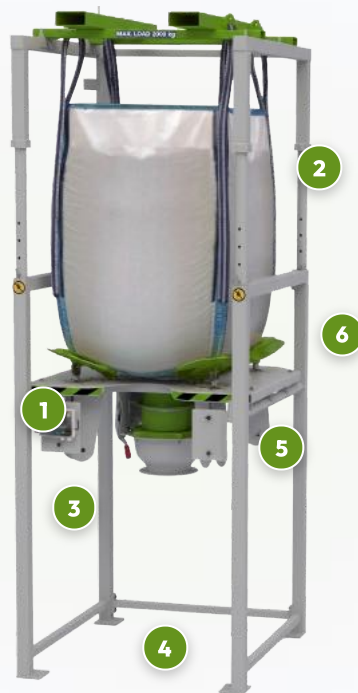
TECHNICAL FEATURES & EQUIPMENT DETAILS

COMPONENT BREAKDOWN, STANDARD FEATURES & OPTIONS

STANDARD TECHNICAL FEATURES

- Modular design easily adapts to various bulk solids, FIBC sizes, and weights.
- Innovative discharge system tailored to suit diverse material characteristics.
- Electric motovibrator available as an additional aid for material discharge.

- 1 Hopper pre-equipped to accommodate four petal-type flow aids
- 2 CE-certified for loads up to 2,000 kg (4,410 lb)
- 3 Innovative petal-type design with pneumatic actuation
- 4 273 mm (11 in) diameter outlet
- 5 Access hatchway for FIBC opening
- 6 Electronic control panel



OPTIONS AND ACCESSORIES



ELECTRONIC CONTROL PANEL

Individually programmable control unit tailored to suit specific material flow properties.



DUST COLLECTOR

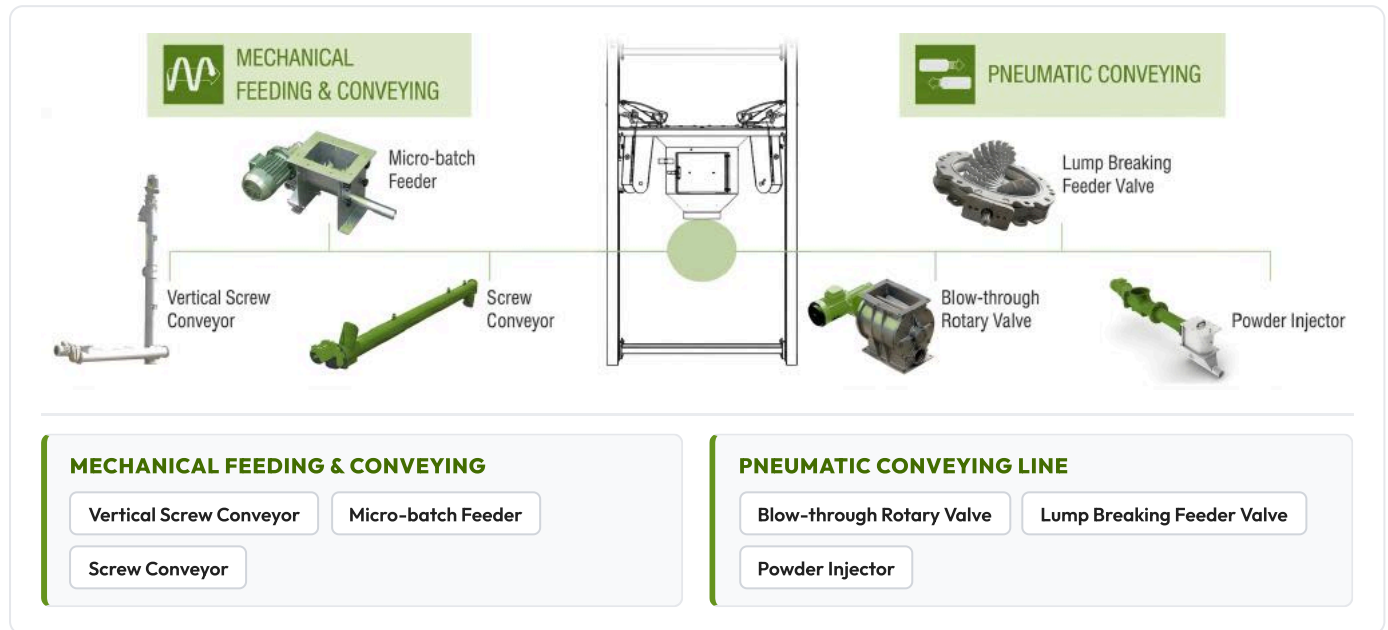
Integrated dust extraction unit equipped with high-efficiency nano-fibre filter media.

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APPLICATION & PROCESS INTEGRATION MECHANICAL FEEDING, CONVEYING & PNEUMATIC SYSTEMS



INDUSTRIES KEY INDUSTRIAL SECTORS SERVED BY SPBBE-ADS



Drymix Processing



Chemicals



Paint, Varnish, Resin Processing



Foundries



Glass Processing

SONA PLAST

LET'S ENGINEER THE OPTIMAL BULK HANDLING SOLUTION FOR YOUR PLANT

Our engineering team at SonaPlast provides tailored FIBC discharging, dosing, and dust-control systems designed around your raw materials and production capacity.

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