

Flour Milling

FIBC Dischargers SBB

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Description ▼

The SBB-type FIBC Dischargers consist of a steel frame complete with a material discharge hopper and an upper mobile cross bar for lifting of the filled up bag by forklift truck into the Discharger.

Function ▼

SBB is a modular system for discharging Flexible Intermediate Bulk Containers (Big Bags) in different configurations depending on the application. Easy introduction of the FIBC into the support frame and dust-free discharging along with a variety of options make SBB extremely user-friendly.

The four loops of the FIBC are attached to the hooks of the detached cross bar that has previously been laid on top of the FIBC. The cross bar with the attached FIBC is then picked up by a forklift truck and introduced into the frame of the SBB Discharger. Once the FIBC has settled on the rubber seal of the discharge hopper the outlet closing rope of the FIBC can be pulled open through the inspection hatch of the discharge hopper.



Application ▼

Discharging of a variety of powders.

Usually employed in large numbers in flour milling plants to discharge additives from bulk bags both to fill silos or mixers.

The SBB FIBC Discharger outlet is shut off by a slide valve or butterfly valve which is connected to a mechanical conveying device or a pneumatic conveying system.

Benefits ▼

- ✓ No material residue thanks to appropriate design features and finishing;
- ✓ No material contamination thanks to stainless steel contact parts on request;
- ✓ High discharging performance;
- ✓ Frame available for different ways of loading the FIBCs;
- ✓ Complete discharging from the bag corners thanks to pneumatic shaking system;
- ✓ Excellent quality/price ratio.

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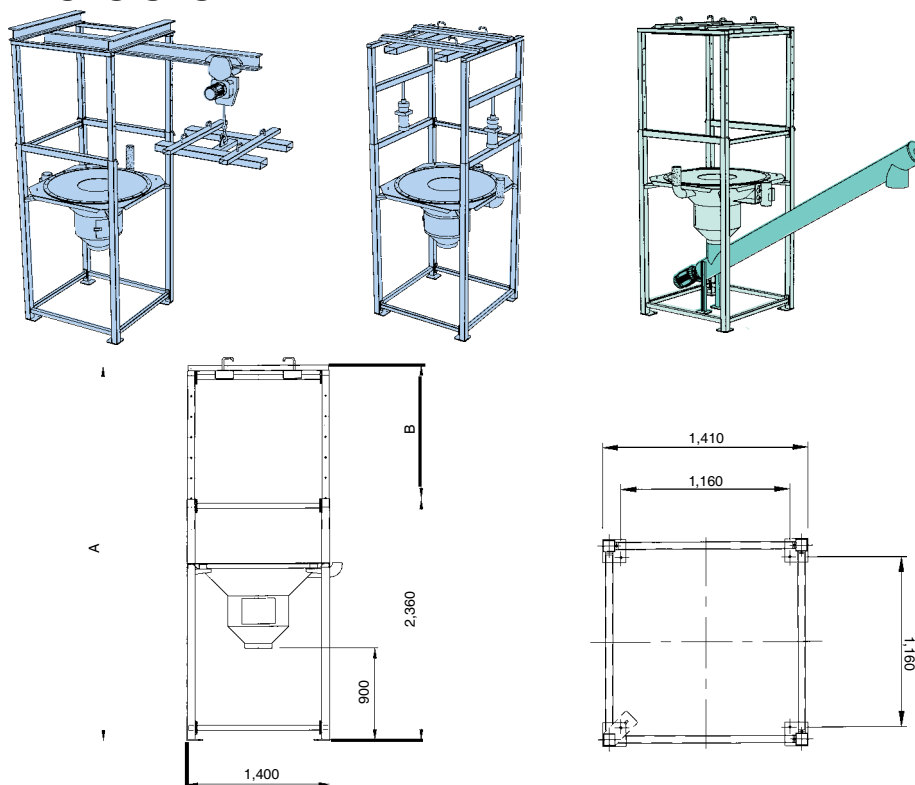
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Technical Features / Performance ▼

- ▶ Construction material: Carbon steel, 304L / 316L SS
- ▶ Available in two different hopper sizes: 1,250 mm (4 ft) or 1,500 mm (5 ft) diameter vibrating cone fitted with outlet opening hatchway
- ▶ Frame Versions available:
 - With height adjustment for FIBC loading by forklift truck
 - For overhead crane loading
 - With monorail for installation of a hoist
- ▶ Hopper complete with
 - Access hatch for FIBC opening
 - Electric vibrator as material discharge aid
- ▶ 273 mm (11 in) diameter discharge outlet, flanged on demand
- ▶ Vibration dampening
- ▶ Rubber dust seal
- ▶ Problem-free complete discharging from bag corners even with compressed powders
- ▶ Door sensor limit switch available on request

Overall Dimensions ▼



| TYPE | A | B | C | Max. Bulk Bag Dimensions | | |
|------------------|-------|-------|-------|--------------------------|-------|----------|
| | | | | L | W | M (max.) |
| SBB01.1.X | 3,668 | 1,884 | 1,308 | 1,000 | 1,000 | 1,800 |
| SBB01.2.X | 4,108 | 2,234 | 1,658 | 1,000 | 1,000 | 2,200 |

Dimensions in mm

This datasheet does not show the complete range but only the models most suitable for the application.