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Discharge bulk bags economically

THE FLO EASY DISCHARGER EASILY AND INEXPENSIVELY EMPTIES A WIDE RANGE OF INGREDIENTS FROM ANY BULK BAG.

The Flo Easy discharger is suitable for a wide range of applications. Lined or unlined bags can be emptied using a forklift, a roof mounted hoist or an integral hoist to place the bulk bag in the discharger.

The Flo Easy discharger features a 40°-sloped bulk bag hopper coupled with a vibrator. The hopper can be constructed from either carbon or stainless steel. The combination of the sloped hopper and pulsed vibration provides

effective flow inducement. Flo Easy dischargers are used extensively in the food and chemical industries handling various ingredients such as calcium carbonate, aluminum oxide, milk powder and coffee.

When the bag is lowered into the discharger it forms a seal with the walls of the hopper effectively enclosing the bottom of the bag. One 4" diameter dust extraction vent is provided (150 cfm) to keep the hopper area under negative

pressure. The hopper outlet is designed to seal against the bag outlet spout preventing blowback into the hopper during discharge. These features provide a superior level of dust containment.

The Flo Easy discharger is easy to use, provides good dust containment, can completely empty bulk bags of a wide range of ingredients and is economical.

Feature	Function	Benefit
40° bulk bag hopper with pulsed vibration.	The bulk bag is held safely and is forced to take a conical shape. The vibrator is pulsed on and off during discharge.	The sloped hopper and pulsed vibration are effective in discharging a wide range of ingredients.
Sloped hopper walls, dust extraction vent, outlet sized to the bag outlet spout.	The bag seals with the hopper walls and a dust vent creates a negative pressure in the hopper. The bag outlet spout seals with the discharger outlet.	These features provide a superior level of dust containment.
Large hopper access door located at chest level.	The bottom of the bag is accessed through the large hopper door.	The bag is safely supported when untying and retying the outlet. The Flo Easy discharger is very easy to use.

Specifications

General arrangement:

Discharger includes a discharger support frame, a bag rigging frame, a vibrator, anti-vibration mounts and a 40°-sloped steel hopper.

Bag specification:

Can be used with lined or unlined bags with outlet spouts and lined bags with a porthole outlet (requires knife option).

Bag loading:

Dischargers can be loaded with a forklift, an in-plant hoist system or an integral I-beam (monorail) system.

Discharger support frame:

- Mild steel finished with STEEL IT® polyurethane over one coat of primer.
- 3" square tubing for forklift and hoist loaded frames.
- 4" square tubing for monorail style dischargers.

Discharger hopper:

- Mild steel painted with STEEL IT® polyurethane over one coat of primer. Stainless steel hoppers are available with a variety of finishes.

Bag rigging frame:

Mild steel painted with STEEL IT® polyurethane over one coat of primer. Stainless steel rigging frames are available.

Liner tensioners:

Lined bags are handled with a manual hand crank tensioner that holds the liner in place.

Electrical:

Vibrator: 460 or 575 VAC, 3 PH, 60 HZ, TENV.



Flo Easy discharger



Flo Easy discharger with optional Flo Choke