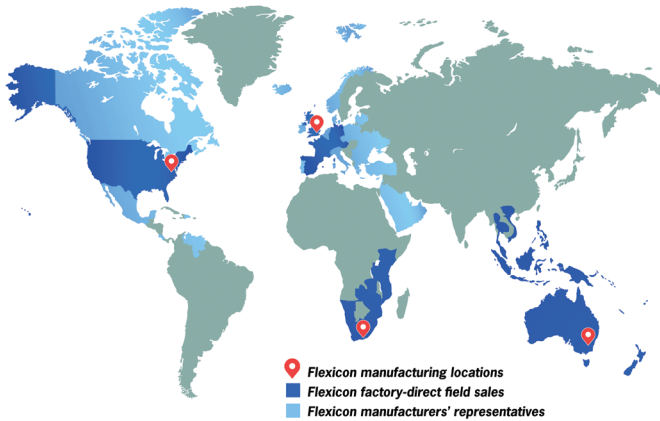




Discharger Dust Containment Enclosure Contains Bag Spout Leaks and Spills

BB-1100



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Discharger Dust Containment Enclosure Contains Bag Spout Leaks and Spills

This new Dust Containment Enclosure for Flexicon Bulk Bag Dischargers contains spillage and dust that can escape through seams in the bag and folds in the spout.

The six-sided enclosure seats against the rim of a hopper or flange of downstream equipment, and is equipped with an exhaust port for dust collection and a hinged door with inspection window.

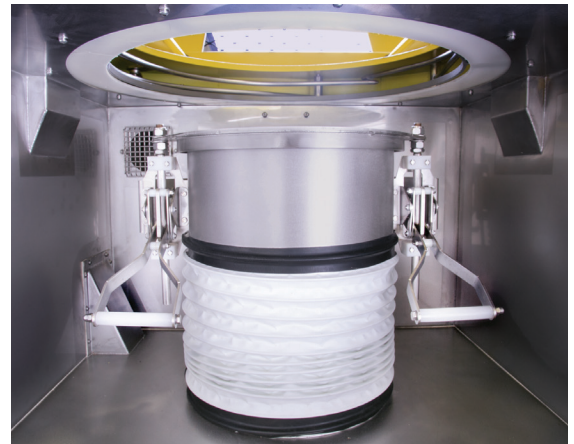
The top of the enclosure contains a circular opening that allows passage of the bag spout to the equipment connection point. The flat bottom of the enclosure supports a TELE-TUBE® telescoping tube that pneumatically raises a SPOUT-LOCK® clamp ring which connects the clean side of the spout to the clean side of the equipment.

Allowing the telescoping tube to descend under its own weight maintains constant downward tension on the spout as the bag empties and elongates, as FLOW-FLEXER® bag activators raise and lower opposite bottom edges of the bag at timed intervals to loosen compacted materials, promoting material flow and complete discharge from the bag.

The enclosure contains incidental leakage of fine powders from seams in the bag, as well as material released from bag spout folds during connection and disconnection activities. Associated dust is vented through the sidewall-mounted port to an optional BAG-VAC® dust collector or plant bag house, preventing contamination of the environment.

For applications requiring retying of partially empty bags, an optional POWER-CINCHER® pneumatically-actuated flow control valve cinches the spout concentrically on a horizontal axis for easy tie offs, and vertically in a tight zigzag pattern to prevent leakage of powders.

Constructed of stainless steel finished to food, pharmaceutical and industrial standards, the Dust Containment Enclosure is offered on all Flexicon dischargers including models requiring forklift loading of bulk bags, models that load bags using an electric hoist and trolley, half-frame dischargers that require a forklift or plant hoist, and split-frame dischargers for forklift loading of bags in low headroom areas. All can be integrated with the company's mechanical, pneumatic and tubular cable/disc conveyor systems, and are available with controls for automated weigh batching directly from bulk bags.



Flexicon's new Dust Containment Enclosure contains material dislodged from folds in the bag spout during connection and disconnection, as well as incidental leakage of fine powders through seams in the bag, while associated dust is vented to an optional dust collector or plant bag house.

flexicon®

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