



Product News

Flexicon: Bulk Bag Discharger with Dual Flexible Screw Conveyors

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Whitstable, United Kingdom -



New Flexicon BULK-OUT® Bulk Bag Unloader promotes total discharge from bulk bags, as Dual Flexible Screw Conveyors feed downstream processes separately or simultaneously.

The bulk bag/hopper interface is comprised of a manual SPOUT-LOCK clamp ring for high-integrity bag spout connections, and a pneumatically-actuated TELE-TUBE telescoping tube that exerts continuous downward tension on the clamp ring and bag spout as the bag empties and elongates, promoting flow and evacuation.

Additional flow is afforded by FLOW-FLEXER bag activators that raise and lower

opposite, bottom sides of the bag at timed intervals into a steep “V” shape, and top-mounted POP-TOP extension devices that elongate the entire bag, promoting total discharge with no manual intervention.

The hopper is equipped with Dual Flexible Screw Conveyors that transfer free and non-free-flowing bulk materials to downstream processes separately or simultaneously. The flexible screws are the only moving parts contacting material, and are driven beyond the point at which material is discharged, preventing material contact with seals.

The system is available in carbon steel with durable industrial coating, or stainless steel finished to industrial, food, dairy or pharmaceutical standards.

Flexicon also manufactures other configurations of bulk bag dischargers and flexible screw conveyors, as well as tubular cable conveyors, pneumatic conveying systems, bulk bag conditioners, bulk bag fillers, bag dump stations, drum/box/container tippers, drum fillers, weigh batching and blending systems, and engineered plant-wide bulk handling systems with automated controls.