

# PRODUCT CONFIGURATIONS



Y-0667

## Skid-Mounted Pneumatic Bulk Bag Discharging System Transfers to Silos



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# Skid-Mounted Pneumatic Bulk Bag Discharging System Transfers to Silos

A Flexicon Bulk Bag Discharging System with integral Pneumatic Conveying System transfers material from bulk bags to silos and other storage vessels. Unlike most discharging systems that move material from bulk bags to smaller storage vessels and process equipment, this positive pressure pneumatic system is designed to fill bulk storage facilities on islands or other locations unable to receive large volumes of bulk material by rail or bulk truck.

The discharger portion of the skid-mounted system includes a cantilevered I-beam with electric hoist and trolley to lift and position bulk bags without the use of a forklift. A SPOUT-LOCK® clamp ring forms a high-integrity seal between the clean side of the bag spout and the clean side of the equipment, while a TELE-TUBE® telescoping tube maintains constant downward pressure on the clamp ring and bag spout, elongating the bag as it empties to promote complete discharge.

Material flow is aided by FLOW-FLEXER® bag activators that raise and lower opposite bottom sides of the bag in timed intervals.

A BAG-VAC® dust collector integral to the dust-tight system creates negative pressure to collapse empty bags prior to retying and disconnection, eliminating dust emitted during manual flattening of empty bags.

The unloaders' surge hopper is equipped with a high capacity rotary airlock valve to feed material into a pneumatic conveying line leading from a positive displacement blower at high rates.



*Flexicon Bulk Bag Discharger with integral Pneumatic Conveying System transfers material from bulk bags into bulk storage vessels at locations unable to receive the material by rail or bulk truck.*