

OPTIMISE MANUAL DUMPING: Safe, Efficient and Dust-Free Solutions



Contain dust when dumping bulk solids manually

- FLEXICON® Manual Dumping Station's high-velocity extraction fan captures airborne dust at the source, drawing it away from the operator through dual cartridge filters.
- Automatic reverse-pulse cleaning sustains peak filtration efficiency and uninterrupted operation - no manual intervention required.
- A timer-controlled solenoid pulses brief bursts of compressed plant air through the cartridges, knocking dust cake off the outer surfaces into the hopper - recovering product and reducing environmental release.



The operator is isolated from dust by means of a dumping hood comprised of a plastic strip curtain, glove box, empty-bag infeed chute, and dust collector atop a receiving hopper feeding an enclosed flexible screw conveyor.



Dump bags, compact waste and convey material dust-free

- The FLEXICON® Bag Dump System captures dust generated during manual bag emptying and compaction while conveying bulk material downstream; its compact design integrates a receiving hopper, glove box, dust collector, bag compactor, and flexible screw conveyor.
- By containing dust at the source - during bag opening, dumping, and compaction - the system reduces material loss, eliminates remote dust-collector cleanouts, safeguards operators, and prevents plant-wide contamination.



Easily transfer emptied bags to a collection bin while keeping dust contained at the source, thanks to the integrated infeed chute and built-in dust collection system.



Manoeuvre this dust-free bag dump station through standard doorways

- The FLEXICON® tilt-down Flexible Screw Conveyor system, mounted on a portable base with a multi-purpose hood and integral dust collector, enables both manual sack dumping and bulk-bag discharge.



HIGH-VELOCITY VACUUM FAN

High-velocity vacuum fan draws airborne dust away from the operator through two cartridge filters. The two cartridge filters can be quickly removed and replaced without tools.



- A fold-down support tray holds hand-held sacks for safe slitting and manual dumping into the hopper.
- The mobile FLEXICON® bag-dump station features an ergonomic hinged platform, integrated bag compactor, flexible screw conveyor, and explosion-proof controls.

OPTIMIZE YOUR PLANT TODAY FOR TOMORROW'S SUCCESS

SOUTH AFRICA
sales@flexicon.co.za
+27 41 453 1871

flexicon®
.co.za

UK +44 1227 374710
USA +1 610 814 2400
AUSTRALIA +61 7 3879 4180

FA 25-137E



See the full range of equipment at flexicon.co.za: Flexible Screw Conveyors, Tubular Cable Conveyors, Pneumatic Conveying Systems, Bulk Bag Unloaders, Bulk Bag Conditioners, Bulk Bag Fillers, Bag Dump Stations, Drum/Box/Container Tipplers, Weigh Batching and Blending Systems, and Automated Plant-Wide Bulk Handling Systems

©2025 Flexicon Corporation. Flexicon Corporation has registrations and pending applications for the trademark FLEXICON throughout the world.