




FLEXICON CONFIGURATIONS



Multi-Purpose Low Profile Filler for Boxes, Drums and Bulk Bags

Y-0573



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Multi-Purpose Low Profile Filler for Boxes, Drums and Bulk Bags

This Multi-Purpose Filler, dispenses bulk solid materials into boxes, drums and bulk bags, by weight. The unit features a fill head that seals dust-tight against the inlet spout of bulk bags, or connects to transition adapters that seal against open boxes or drums.

The filler utilizes the company's patented TWIN-CENTERPOST™ frame said to maximize strength and improve accessibility to the fill head while simplifying construction and reducing cost. It is mounted on load cells tied into a PLC that controls upstream devices to fill containers at high rate, and then at dribble-feed rate to maximize the number of containers filled per hour, while still achieving required accuracies. An automated vibratory system raises and vibrates the container deck to deaerate and densify material, stabilizing the container. The low profile configuration of the filler also allows removal of filled containers using a pallet jack, eliminating the need for a fork truck.

Bulk-bag-filling-related features include manual fill head height adjustment to accommodate all popular bag sizes, pneumatically-retractable bag hooks, an inflatable connector to seal the bag inlet spout, and a feed chute outlet port for dust-free air displacement during filling.

A transition hood is connected to the fill head using quick-action clamps, to fill boxes from 36 in. to 48 in. (915 mm to 1220 mm) on a side and 39 in. to 44 in. (990 mm to 1117 mm) overall height.

For filling of drums from 30 to 55 gal (115 to 200 liter), a pneumatically-actuated, telescoping drum filling adapter swivels inward for rapid connection to the fill head using quick-action clamps, after which an inlet plate is sealed against the rim of the drum.

In all cases, filling cycles are initiated with a manual push button or by electrical contact closure, after which filling, deaeration and any required disconnection of the equipment from the container inlet are automatic.

The filler is constructed of carbon steel with durable industrial finish, or stainless steel finished to industrial, food, dairy or pharmaceutical standards, and is offered with a mechanical or pneumatic conveyor delivery system integrated with the user's upstream process equipment or other material source.



Multi-Purpose Filler features a fill head that seals against the inlet spout of bulk bags, or connects rapidly to gasketed transition adapters that seal against open boxes or drums.

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