

PRODUCT CONFIGURATIONS



CC-1108

Sanitary Bulk Bag Filler has Metal Detection



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flexicon[®]

Sanitary Bulk Bag Filler has Metal Detection

This stainless steel, sanitary bulk bag filler detects and separates metal as it fills bulk bags by weight, dust-free.

The filler frame is a patented TWIN-CENTERPOST™ design that maximizes strength, reduces cost and improves accessibility to bag hooks.

It is equipped with an integral metal detector/separator that detects metal in the free-fall stream of material entering the filler and then ejects it through a chute that discharges into a removable drum at the rear of the unit.

The filler also incorporates: fill head height adjustment to accept all popular bag sizes; an inflatable cuff forming a high-integrity seal to the bag inlet spout; a blower to remove bag creases prior to filling; load cells for filling by weight; a vent port for dust-free air displacement during filling; pneumatically retractable bag hooks; and an automated vibratory deaeration/densification system to maximize capacity and stabilize the bag for storage and shipment.

The first bulk bag filler to receive USDA acceptance, it is constructed of 316 stainless steel, finished to sanitary standards and configured with full-length forklifting tubes allowing it to be moved throughout the plant.

It can be integrated with optional conveyor feed systems including Flexicon® flexible screw conveyors, FLEXI-DISC® tubular cable conveyors and PNEUMATI-CON® dilute-phase pneumatic conveying systems, as well as existing plant conveyors or overhead storage vessels.

Once the operator connects an empty bag and presses "start," weigh-filling functions are automatic; the controller runs the conveyor (or rotary valve) at high feed rate, actuates the vibratory deaeration/densification system, steps down the conveyor (or rotary valve) to dribble feed rate immediately prior to stopping it once the accurate fill weight is gained, and then releases the bag straps. The filled bag is then removed by forklift and the operator is clear to connect the next bulk bag.



Sanitary, stainless steel TWIN-CENTERPOST™ Bulk Bag Filler with metal detection/removal weigh-fills and deaerates/densifies bulk bags, automatically and dust-free.