



## Bulk Bag Filling System for Ultra-Heavy-Duty Applications

BB-0964



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## Bulk Bag Filling System for Ultra-Heavy-Duty Applications

This new Flexicon® Bulk Bag Filling System for ultra-heavy-duty applications fills bulk bags with aggregates, abrasive minerals, powdered metals, dry chemical additives, filter press cake, and other difficult-to-handle bulk materials.

The ultra-heavy-duty, skid-mounted system features a patented TWIN-CENTERPOST™ frame that maximizes strength and improves accessibility to bag hooks while simplifying construction and reducing cost.

An integral flexible screw conveyor (also known as a helix conveyor, screw conveyor, spiral conveyor or auger conveyor) with heavy duty screw, steel outer tube and high-capacity hopper feeds the filler consistently with a broad range of free- and non-free-flow bulk materials, from large irregular chunks to fine powders, including moist products that pack and cake, with no separation of blended products.

The filler is mounted on load cells that transmit weight-gain signals to a controller that runs the conveyor at full feed rate, and then at dribble feed rate immediately prior to stopping the conveyor once the target bag weight has been gained.

It is equipped as standard with forklift fill head height adjustment to accommodate all popular bag sizes, and a feed chute outlet port for dust-free air displacement during filling. Automated functions include an inflatable collar to seal the bag inlet spout, an inflator to remove creases from the bag prior to filling, an automated vibratory densification/deaeration system to stabilize the bag, and pneumatically retractable bag hooks that disconnect the bag from the filler, ready for removal by forklift.

Also offered are high capacity bulk bag fillers with chain conveyors and palletizers with the capacity to fill up to 20 bulk bags per hour.



*Ultra-heavy-duty, skid-mounted bulk bag filling system includes a patented TWIN-CENTERPOST™ frame, flexible screw conveyor, high capacity hopper, and PLC to control automated filling functions.*

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