

PRODUCT CONFIGURATIONS



V-0491

Manual Dump to Rigid Bin Weigh Batching System



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Manual Dump to Rigid Bin Weigh Batching System

This Manual Dump to Rigid Bin Weigh Batching System eliminates dust during manual dumping from bags, boxes, drums and other containers, de-lumps the material, and feeds it gravimetrically from mezzanine level into rigid bins placed on a floor scale.

The Manual Dumping Station features a high-velocity vacuum fan that draws airborne dust from the operator's atmosphere onto two cartridge filters. Automatic reverse-pulse filter cleaning allows continuous, efficient operation; timer-activated solenoid valves release short blasts of compressed plant air inside cartridge filters causing dust build-up on the outer filter surfaces to fall into the hopper.

Filters are accessed easily by removing the interior baffle, and replaced rapidly using quick-disconnect fittings.

The Manual Dumping Station's surge hopper discharges into a Low-Profile, De-Lumping Device with dual rotors and three-point heads that break up agglomerates that have formed in the bag. On-size material is discharged into a Gravimetric Feeder that is connected via PLC to a scale on the plant floor, allowing accurate batch weights to be loaded into rigid totes placed on the scale.

Multiple Manual Dump to Rigid Bin Weigh Batching Systems can be utilized to batch multiple ingredients into individual bins for storage and/or blending elsewhere in the plant.

All material contact surfaces of the Manual Dumping Station, De-Lumping Device and Gravimetric Feeder are of stainless steel finished to sanitary standards.



Manual Dump to Rigid Bin Weigh Batching System eliminates dust during manual dumping activities, de-lumps the material, and feeds it gravimetrically into rigid bins placed on a floor scale.



Manual Dumping Station draws airborne dust from the operator's atmosphere during dumping from bags, boxes, drums and other containers.