



TIP-TITE® High-Lift Drum Dumper for Pail Filling System

S-1145



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TIP-TITE® High-Lift Drum Dumper for Pail Filling System

Flexicon's Bulk Filling System with TIP-TITE® High-Lift Drum Dumper automatically transfers bulk solid materials from drums to the machine's fill head dust-free, fills pails by weight and verifies fill weight accuracy.

The drum platform is raised by a single hydraulic cylinder, creating a dust-tight seal between the rim of a drum and the underside of the discharge cone. The entire drum carriage elevates hydraulically, then tips, causing the discharge cone to mate with a gasketed inlet port on the filling machine's surge hopper lid. A slide gate valve at the cone spout is then actuated, allowing material to fill the hopper with no dusting.

Pails are indexed by a roller conveyor with photo-eyes, filled by a rotary valve under gain-in-weight-control, and conveyed to a second scale for check weighing.

Structural members including a drum safety cage are of mild steel with durable industrial coating, and material contact surfaces are of stainless steel.



Bulk Filling System with High-Lift Drum Dumper transfers material from drums and weigh-fills pails automatically.

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