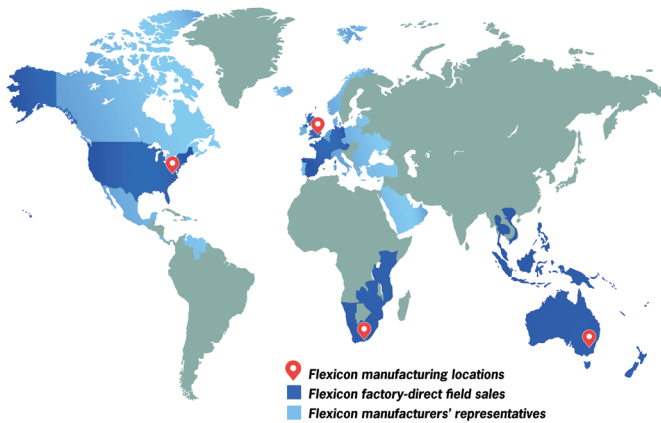




Dust-Tight Mobile Drum Dumper

EE-0450



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Dust-Tight Mobile Drum Dumper

This TIP-TITE® Mobile Drum Dumper allows dust-free transfer of bulk materials from drums into process equipment and storage vessels.

Ready to plug in and run, it is mounted on a mobile frame with quick-action floor jacks for stable operation anywhere in the plant.

A hydraulic cylinder raises the drum carriage which seals the drum rim against a discharge cone, after which a second hydraulic cylinder tips the carriage-hood assembly and drum, stopping at a predetermined dump angle of either 45, 60 or 90 degrees with a motion-dampening feature.

As the assembly approaches its fully-tipped position, the outlet of the discharge cone mates with a gasketed receiving-ring inlet fitted to existing process equipment or to the lid of an optional hopper with integral pneumatic, tubular cable or flexible screw conveyor, creating a dust-tight seal.

Once the discharge cone is seated against the gasket, a pneumatically-actuated slide gate valve opens, allowing material to enter the receiving vessel.

The unit accommodates drums from 30 to 55 gal (115 to 200 liters) weighing up to 750 lb (340 kg) and measuring 36 to 48 in. (91 to 122 cm) in height.

An optional pneumatically-actuated vibrator on the discharge cone promotes complete evacuation of non-free-flowing materials.

The drum dumper is available constructed of mild steel with durable industrial finishes, with material contact surfaces of stainless steel, or in all-stainless steel finished to food, dairy, pharmaceutical or industrial standards.



Ready to plug in and run anywhere in the plant, Flexicon's TIP-TITE® Mobile Drum Dumper seals the drum rim against a discharge cone, tips the drum, mates the cone against a gasketed connection, and discharges bulk material dust-free through a pneumatically-actuated discharge gate.

flexicon®

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