



Product News

Flexicon: Hazardous Material Drum Tipper

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Whitstable, United Kingdom – ® Drum Tipper by Flexicon transfers hazardous bulk material from small and large drums into downstream processing equipment or storage vessels automatically and dust-free, maximising worker safety.



Flexicon TIP-TITE® Tipper discharges hazardous bulk materials from small and large drums automatically and dust-free, maximising worker safety.

The unit accommodates drums up to 200 litres measuring up to 880 mm in height, with an outside diameter up to 610 mm and weighing up to 325 kg. A discharge cone adapter (shown) allows dumping of smaller drums measuring 400

mm in height and 300 mm in diameter. The tipper is mounted on an elevated base frame to accommodate an integral powered roller conveyor matched to the elevation of plant roller conveyors. It features dual hydraulic cylinders that work in tandem to raise and seat the container rim against the discharge cone, and then tip the container to an angle of 45, 60 or 90 degrees with a motion-dampening feature. At full rotation, the discharge cone seals against the inlet of the receiving vessel, creating a dust-tight connection and allowing controlled, dust-free discharge through a pneumatically-actuated slide gate valve. An optional pneumatically-actuated vibrator on the discharge cone promotes complete evacuation of non-free-flowing materials. Stainless steel material contact surfaces and galvanised carbon steel framework resist corrosive materials. The company also manufacture box/container tippers, bag dump stations, bulk bag dischargers, bulk bag conditioners, bulk bag fillers, drum fillers, flexible screw conveyors, tubular cable conveyors, pneumatic conveying systems, weigh batching and blending systems, and engineered plant-wide bulk handling systems with automated controls.