



Product News

Flexicon: Mobile Drum Tipper with Safety Cage

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Whitstable, United Kingdom – A new mobile TIP-TITE[®] Drum Tipper with safety cage manufactured by [Flexicon](#) allows hands-free, automated dumping of bulk solid materials from 115 to 200 litre drums throughout the plant, with no dusting or danger associated with sudden shifting of contents.



New mobile TIP-TITE® Drum Tipper with safety-interlocked cage dumps bulk solid materials from 115 to 200 litre drums at multiple locations — automatically with no dusting or danger associated with sudden shifting of contents.

The three-sided carbon steel cage with safety interlocked doors is mounted on a mobile frame with quick-acting jack screws for stability. A platform raises the drum hydraulically, creating a dust-tight seal between the rim of the drum and the underside of a discharge cone.

A second hydraulic cylinder then tips the platform-hood assembly, stopping it at dump angles of 45, 60 or 90 degrees with a motion-dampening feature, causing the spout of the discharge cone to mate with a gasketed receiving ring on the lid of an enclosed hopper that charges a flexible screw conveyor.

A pneumatically-actuated slide gate at the spout can be opened once the discharge cone has sealed to the receiving ring to discharge material, and then closed before returning the drum to its original position, with no dust emitted throughout the cycle.

Constructed of carbon steel with stainless steel material contact surfaces, the unit is also available in all-stainless steel finished to food, dairy or pharmaceutical standards. Optional cone adapters allow for safe, dust-tight dumping of small-diameter drums and pails.

The company also manufacture high-lift drum tippers, drum fillers, box/container tippers, bulk bag dischargers, bulk bag conditioners, bulk bag fillers, flexible screw conveyors, tubular cable conveyors, pneumatic conveying systems, bag dump stations, weigh batching and blending systems, and engineered plant-wide bulk handling systems with automated controls.