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NEWS

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Sanitary Drum Tipper With Roller Conveyor

PORT ELIZABETH, SOUTH AFRICA — A new TIP-TITE™ [Sanitary Drum Tipper](#) allows dust-free transfer of bulk materials from drums to downstream equipment, and rapid sanitising between changeovers.

Constructed of stainless steel and suitable for wash-down, the tipper is pneumatically powered and certified for use in areas with hazardous conditions.

A hydraulic cylinder raises and seats the drum against a discharge cone, after which a second hydraulic cylinder tips the drum to an angle of 45, 60 or 90 degrees with a motion-dampening feature. At full rotation, the outlet of the discharge cone mates with a gasketed receiving-ring fitted to the lid of any receiving vessel, creating a dust-tight seal and allowing controlled, dust-free discharge through a pneumatically-actuated butterfly valve into the vessel.

The hydraulic power unit enclosure with sight glass to check gauges and valves, is located on the frame exterior for accessibility during set-up, inspection and maintenance, and houses a pneumatic motor to drive the unit.

It is equipped with a roller conveyor that can be fed by an optional or existing infeed conveyor, allowing drums to roll into place by gravity.

Other Flexicon drum tippers are available constructed of carbon steel with durable industrial finishes, or with material contact surfaces of stainless steel.

The company also manufactures [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.

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Caption:

TIP-TITE™ Sanitary Drum Tipper with explosion-proof motor from Flexicon transfers bulk materials from drums to downstream equipment dust-free.

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