

DUMPERS/TIPPERS

Triton Innovation, LLC provides high quality container dumpers and cart tippers designed to meet the needs of the Food & Beverage industries. Choose from standard predefined packages developed for Wipedown, Washdown, or Hygienic requirements, or customize a solution that best suits your specific application.



- Stainless Steel construction for washdown environments and hygienic designs for food contact applications
- Efficient, reliable, and ergonomic designs
- Ability to handle various containers, totes, drums, barrels, or boxes
- Multiple loading methods available including roll-in, pallet jack, or fork truck
- Increased production throughput and employee productivity
- Reduced risk of potential injury due to bending and lifting
- Powered conveyor loading/unloading available for highly integrated operations
- Full "Auto Run" option for maximum efficiency

STANDARD FEATURES

- **Hygienic Level I for Dry Environments** – Carbon Steel, FDA Powder Coated Frame, Legs or Drum, Stainless Steel Shafts with FDA Materials, Non-Washdown Drive or Power Unit, Epoxy Painted Hydraulic Cylinders, FDA Belting, FDA-H1 Lubricants, NEMA-1 Electrical/Control Items, Stitch Welded Construction
- **Hygienic Level II for Dry to Wet Environments** – Stainless Steel 2B Mill Finish Frame/Legs or Drum, Stainless Steel Shafts with FDA Materials, Epoxy Painted Washdown Drive or Power Unit, Epoxy Painted Hydraulic Cylinders, FDA Belting, FDA-H1 Lubricants, NEMA-4X Electrical/Control Items, Stitch Welded Construction
- **Hygienic Level III for Dry to Wet Environments** – Stainless Steel 2B Mill Finish Frame/Legs or Drum, Stainless Steel Shafts with FDA Materials, Stainless Steel Washdown Drive or Power Unit, Stainless Steel Hydraulic Cylinders, FDA Belting, FDA-H1 Lubricants, NEMA-4X Electrical/Control Items, Continuously Welded Construction

STANDARD FOR ALL SERIES

- Up/Down Push Button Control
- Load Capacities: 500-4,000 lbs. (Specials up to 10,000 lbs.)
- Adjustable Height Retaining Bar
- Dump Heights: 36", 48", 60", and 72" (lift & dumps up to 180")

OPTIONS



- **Stand or Lift & Dump:** Allows for higher dump height while minimizing overhead clearance requirements



- **Front or Side Loading:** Allows for loading to suit the container orientation requirements



- **Integrated Metering Feed System:** Provides regulated dumping and flow of product out of hopper



- **Safety Enclosure with Clear Side Panels:** Operation halted if light curtain is breached. To resume function clear the area and operator can reset system. Light curtains offer faster container loading/unloading, no gate to block aisles when open, and fit in tight spaces where a gate swing won't.



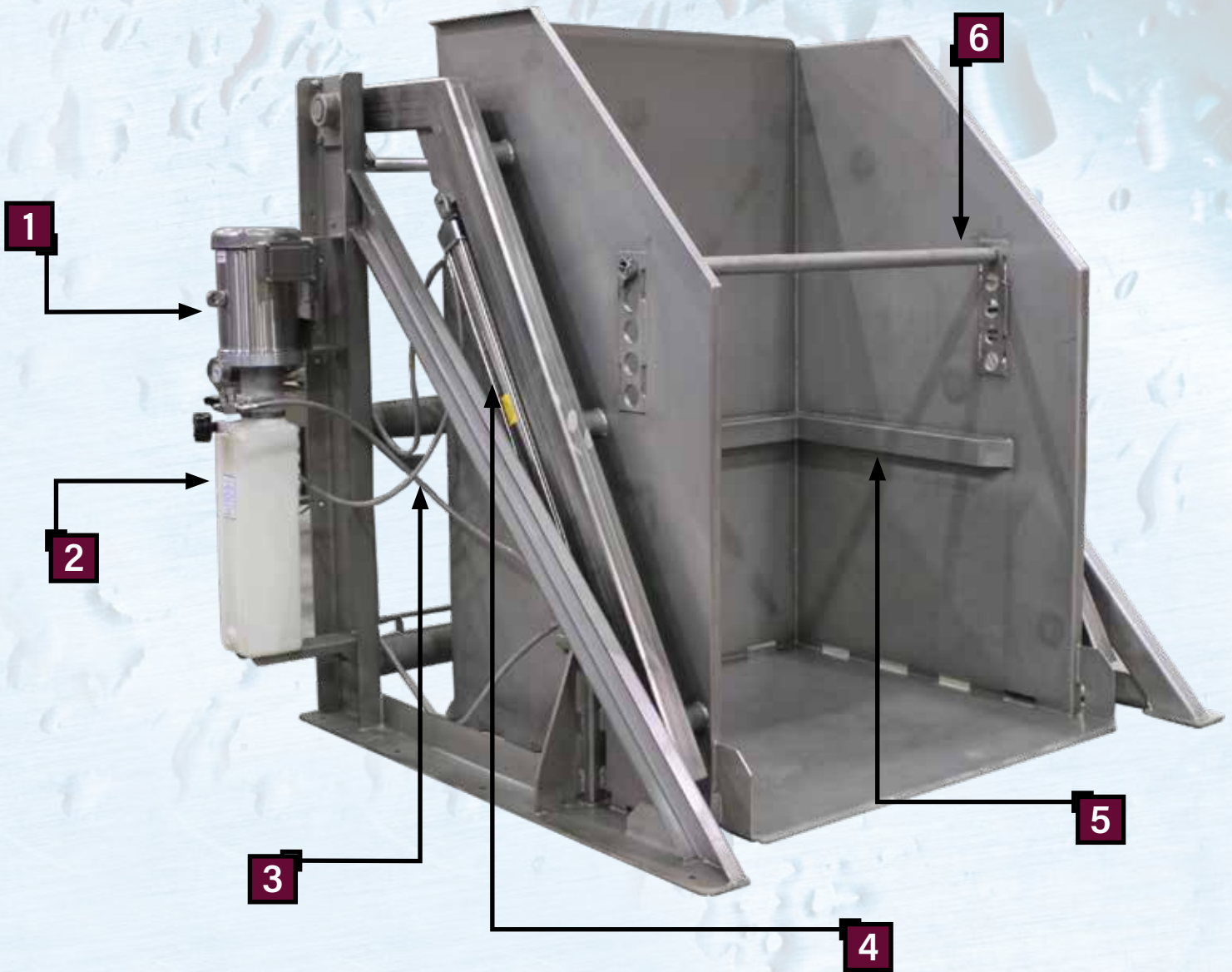
- **Basic automated run control package:** Operator initiates each dump cycle with a push of the Auto-start button. Dumper lifts the container to the full-up position, pauses for the programmed amount of time, then lowers the container back down. The dumper stops moving if a light curtain is breached or a gate is opened during operation. Operator must switch to the manual mode and return the dumper to the full-down position before auto-run mode becomes operational again.

Standard and premium automation packages: Can include multiple pause positions at various dumping angles throughout the lifting cycle, shorter cycle times, automated hopper filling, automated container hold-downs and more.

Customized automation packages: We can design custom packages for specialized applications.



HYGIENIC LEVEL III — Product Specifications



1 Washdown Hydraulic Power Unit: Mounted to frame or on a separate stand

2 Hydraulic Oil Reservoir: Food grade oil in poly tank

3 Sanitary Hydraulic Hoses: PTFE Fluoropolymer liner, silicone covered 304 S.S. high tensile braid

4 Stainless Steel Hydraulic Cylinders: All S.S. cylinder with S.S. hydraulic fittings and velocity fuses

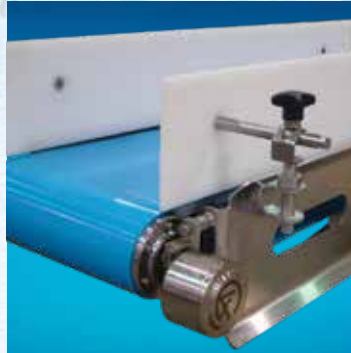
5 Debris Catch: Keeps loose contaminants from being dumped with product

6 Adjustable Position Retaining Bar: Holds tote in place during dump cycle

PRODUCTS AVAILABLE FROM TRITON INNOVATION, LLC



DUMPER/TIPPER



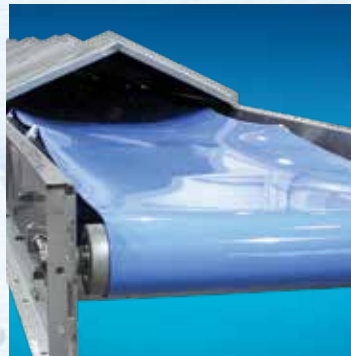
BELT CONVEYOR



HOMOGENEOUS BELT CONVEYOR



MODULAR PLASTIC BELT CONVEYOR



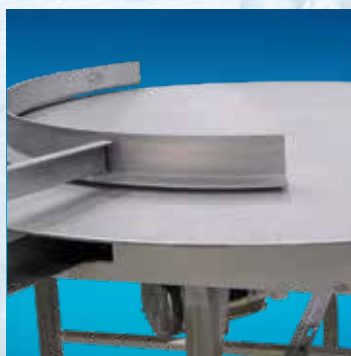
TROUGHED BELT CONVEYOR



WIRE MESH BELT CONVEYOR



METERING HOPPER AND FEEDING SYSTEM



SPECIALTY PRODUCTS

Scan for more information located on our website

