

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 Series 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

- **Wipedown Series for Dry Cleanup** – Carbon Steel Materials, Industrial Designs, FDA Powder Coated Frame/Drum, Epoxy Painted Hydraulic Cylinders, Non-Washdown Motor, NEMA-1 Electrical/Control Items
- **Washdown Series for Wet Cleanup** – Stainless Steel Materials, Washdown Designs, Epoxy Painted Hydraulic Cylinders, Epoxy Painted Washdown Motor, NEMA-4X Electrical/Control Items
- **Hygienic Series for Sanitary Cleanup** – Stainless Steel Materials, Hygienic Open/Cleanable Designs, Stainless Steel Hydraulic Cylinders, FDA-H1 Lubricants, Stainless Steel Motor, NEMA-4X Electrical/Control Items

STANDARD FOR ALL SERIES

- Up/Down Push Button Control Box
- 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.



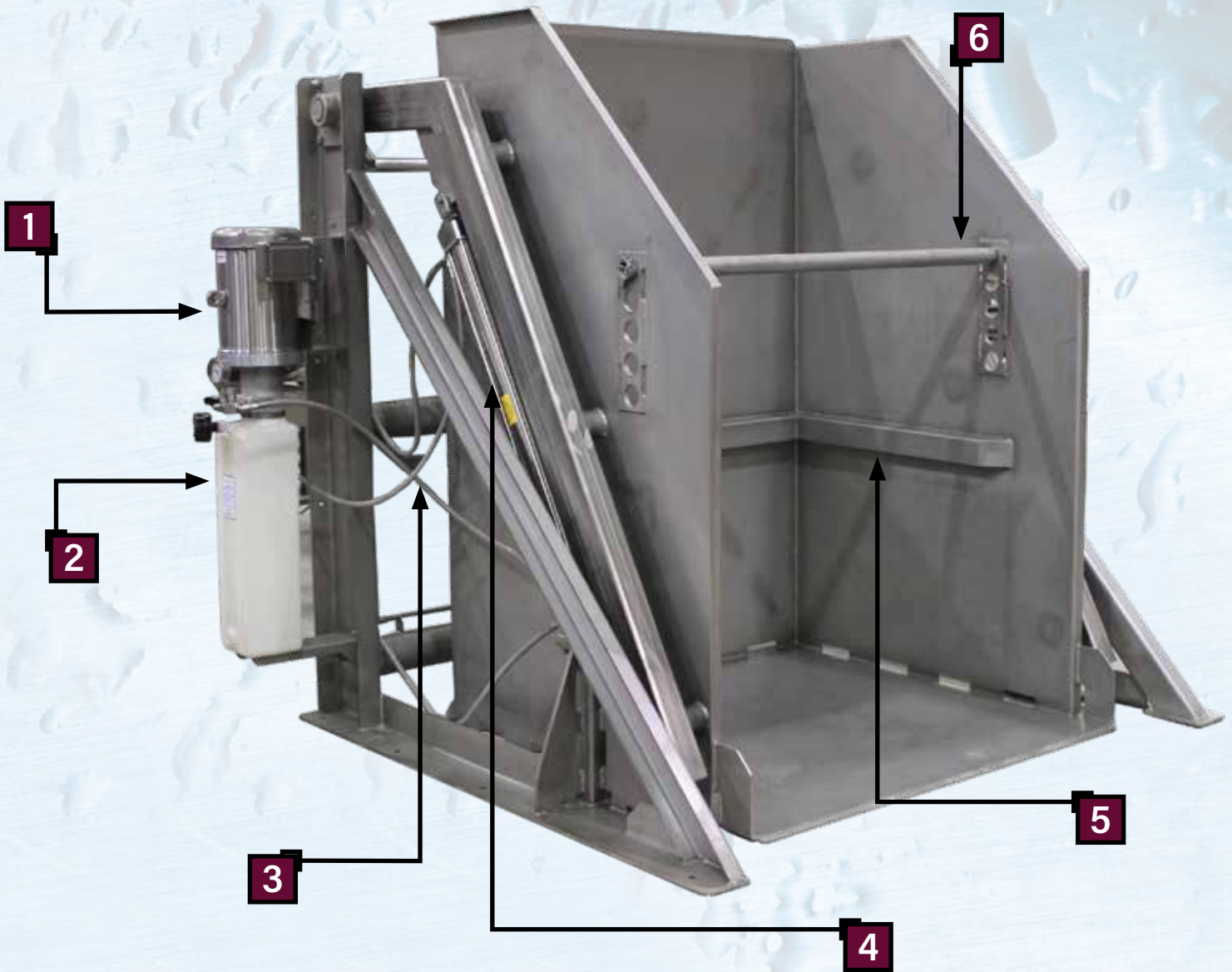
- **Basic automated run control package:** Operator initiates each dump cycle with a push of the Auto-start button. Dumper lifts the container to the full-up position, pauses for the programmed amount of time, then lowers the container back down. The dumper stops moving if a light curtain is breached 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 SERIES— 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

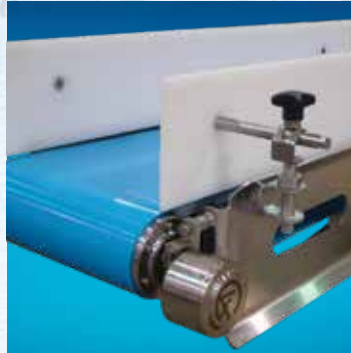
5 Debris Catch (optional): Keeps loose contaminants from being dumped with product

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

PRODUCTS AVAILABLE FROM TRITON INNOVATION, LLC



DUMPER/TIPPER



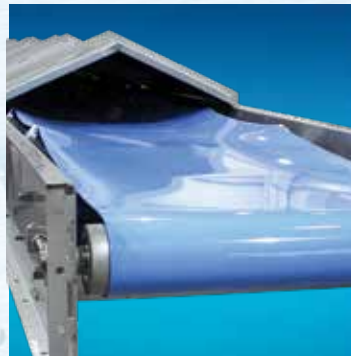
BELT CONVEYOR



**HOMOGENEOUS BELT
CONVEYOR**



**MODULAR PLASTIC BELT
CONVEYOR**



**TROUGHED
BELT CONVEYOR**



WIRE MESH BELT CONVEYOR



METERING HOPPER



TABLETOP CHAIN CONVEYOR



SPECIALTY PRODUCTS