

### 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
- Intergrated with metering feeder systems: effectively store, feed and gently transport even amounts of a product at a steady and controlled rate.
- 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



- **Enclosed discharge with Pneumatic Gate:** For controlled feeding of dry bulk materials



- **Custom Hold Downs:** Manually adjustable for multiple size containers and plastic liner retention



- **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.



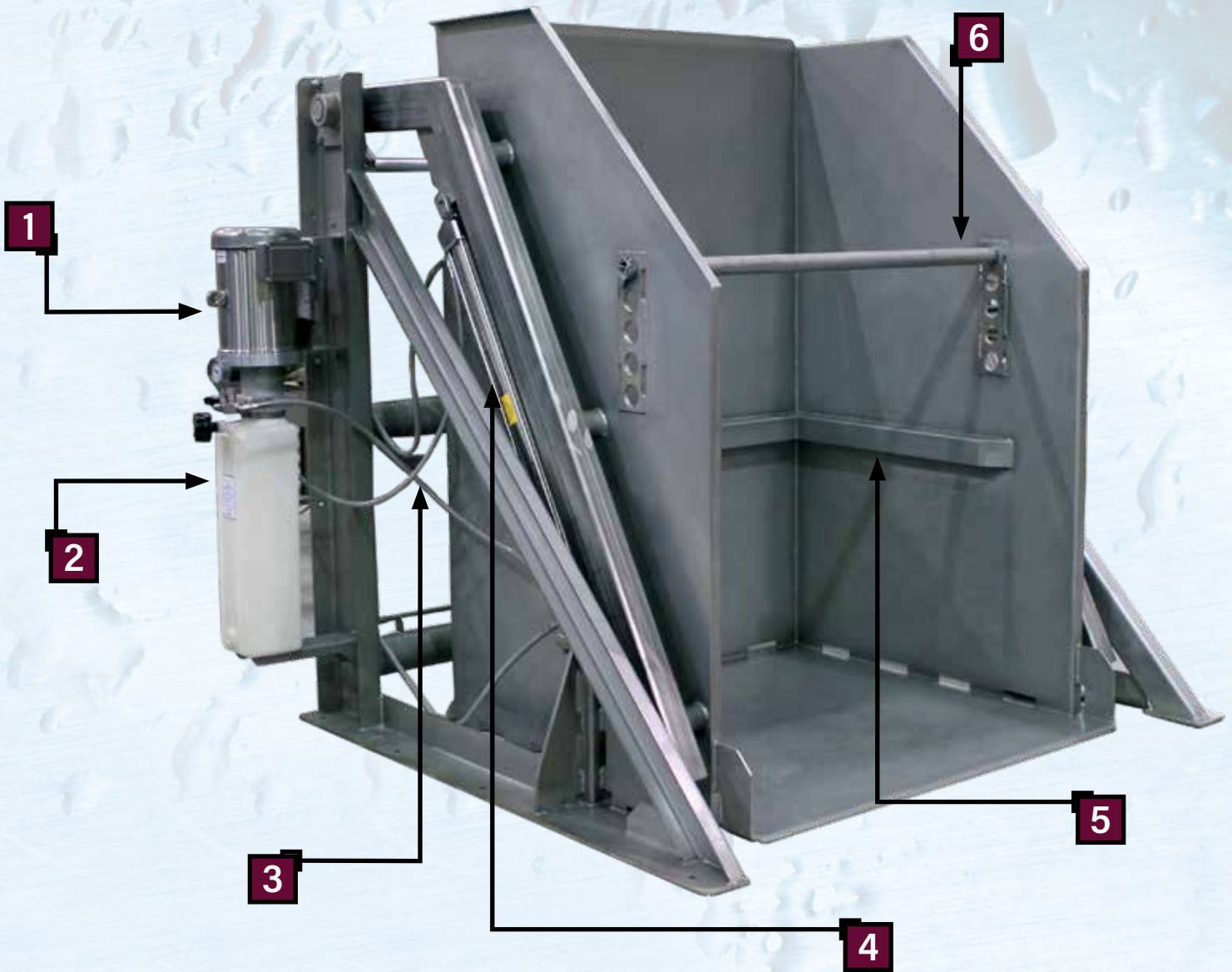
- **Basic automated run control package:** Operator initiates each dump cycle with a push of the Auto-start button. Dumper lifts the container to the full-up position, pauses for the programmed amount of time, then lowers the container back down. The dumper stops moving if a light curtain is breached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



**FABRIC BELT CONVEYOR**



**HOMOGENEOUS BELT CONVEYOR**



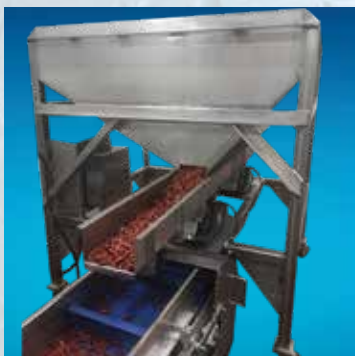
**MODULAR PLASTIC BELT CONVEYOR**



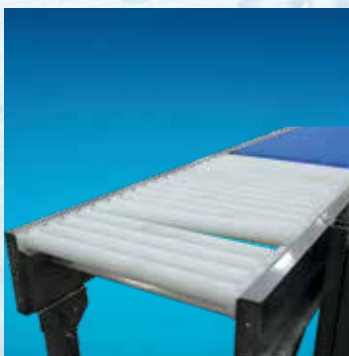
**TROUGHED BELT CONVEYOR**



**WIRE MESH BELT CONVEYOR**



**METERING FEEDER SYSTEMS**



**SPECIALTY PRODUCTS**

*Scan for more information located on our website*

