



# TNT Manufacturing LLC

Food Process Equipment Sales, Engineering & Service

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## **TNT HYDRAULIC TOTE DUMPER**

The TNT Hydraulic Tote Dumper is designed and fabricated to provide years of dependable service and is one of the highest quality, most rugged units available in the marketplace, maximizing your efficiency and return on investment.

The exceptionally heavy duty, 100% welded, sanitary unit is specifically designed for operation in the food processing industry. The front powered design minimizes the dumper footprint saving valuable production space.

The Tote Dumper can be used to quick dump or slowly meter product from bulk storage totes, crates or bins to further processing equipment. The unit will handle containers weighing up to 3,000 pounds with a maximum container size of 52" wide x 54" deep x 64" high.

### **Specifications:**

- All T304 stainless steel construction (except cylinders)
- Extra heavy duty tube and plate frame and dumper construction
- Floor entry design for use with pallet jack or forklift loading
- 100% welded with glass bead finish for optimum sanitation
- Designed and fabricated to USDA M&P standards
- Rigid 10 gauge dump frame liner to capture product
- Open bottom dumper design to minimize external contamination
- Adjustable container retainer/hold down bar, requires no tools for adjustment
- Hold down is adjustable for 45-64" high containers
- Large 3-1/4" bore hydraulic cylinders with sturdy 1-3/4 diameter shafts
- Cylinders painted with SS pigmented paint
- Dual hydraulic cylinder design with counterbalance valve
- Cylinders plumbed to common pressure/tank tees for easy installation
- 130 degree dump angle for complete container discharge
- Maintenance free Nyoil pivot bearings, 2" diameter pivot shafts
- 3,000 pound container working capacity
- 54" dump discharge height
- Overall unit size is 73" wide x 58" deep x 89" high
- Minimum headroom requirement is 150"
- Unit weight approximately 2000 pounds
- All units are tested under maximum loading prior to shipping



**Options:**

Elevated load/dump heights with sub frame

Custom liners to accept specific size containers

Rigidized metal liner for flat or sticky product

Stainless steel hydraulic cylinders

Hydraulic Power Unit (3/60/230-460, 1800 rpm, 5 hp, 3 gpm) can dump and retract in a 50 second cycle time allowing large efficiency gains versus manual dumping. Complete with 15 gallon hydraulic fluid reservoir, filter, level gauge and pressure relief bypass.

Stainless cover and angle mounting base for power unit

Up/down push button controls and starter mounted in a NEMA 4X SS enclosure. Control panel is mounted on the side of the machine with no remote starting which keeps the operator local and minimizes the chance of passer-by injury due to non-supervised operation.

TNT Manufacturing policy is to continuously improve its products, and as such, reserves the right to discontinue or change specifications, models or designs at any time without notice or incurring obligation.

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