

# MURZAN

## TOTE UNLOADING SYSTEM TUS 50



INDUSTRIES  
WE SERVE



Food



Beverages



Poultry, Meat  
& Seafood



Pharmaceutical



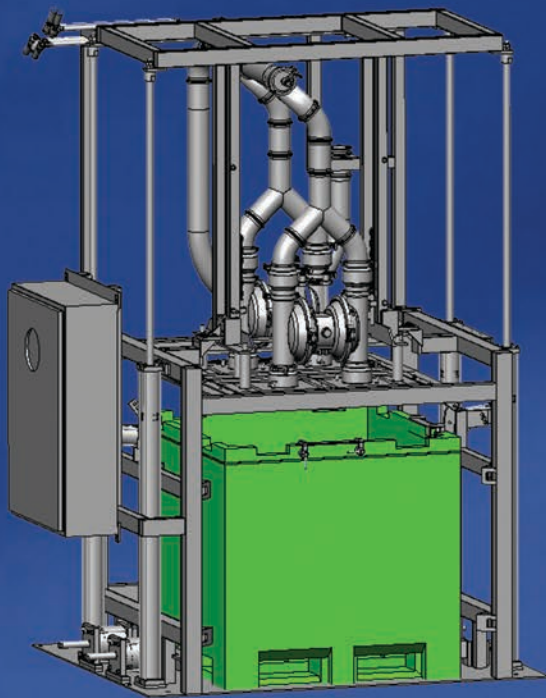
Cosmetics

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# TOTE UNLOAD SYSTEM TUS-50

## CONSTRUCTION

- System utilizes two T-316L stainless steel, Double-Suction sanitary Murzan PI50 diaphragm Pumps.
- Pumps are mounted on a Stainless steel base plate and fitted with a food grade wiper.
- The system is supported by a polished T-304 stainless steel frame.
- Murzan TUS-50 STAINLESS STEEL NEMA 4X control panel.
- 4" outlet; CIP Capable Mobile; Gaskets, Various Diaphragms, and Check Valve Types; Customizable.
- Pump certifications: USDA, FDA, EHEDG.



## OPERATION

- With the tote or bin in place, the pumps are lowered into the bin. The pumps and base plate will float on the surface of the product. As the product is pumped out of the container, the pumps and base plate float down with the level of the product remaining in the container. Once the container is empty, the pumps are lifted out.

## CAPACITY

- UP TO 35 GALLONS per Minute depending on the specific gravity, viscosity and consistency of the product, and the total dynamic head (TDH) of the system.

## ADVANTAGES

- Empties 300 gallons of the heaviest and most viscous products, such as 33° Brix Tomato Paste in less than 12 minutes without adding any water.
- Works with or without liners or aseptic bags.
- Completely sanitary, hands-off method of bin unloading.
- CIP-capable.
- The TUS reduces your total unloading time and labor requirements.
- Unit is offered with optional metering capabilities.
- Customize the unit to the shape of your containers.

## APPLICATIONS



Food



Tomato Paste Concentrate  
Chocolate & Vanilla Fudge  
Fruit Marmalades  
Mechanical Deboned Meat



Vegetable Concentrate  
Peanut Butter  
High Viscous Product