

# MURZAN

## DRUM UNLOAD SYSTEM DUS-50



INDUSTRIES  
WE SERVE



Food



Beverages



Poultry, Meat  
& Seafood



Pharmaceutical

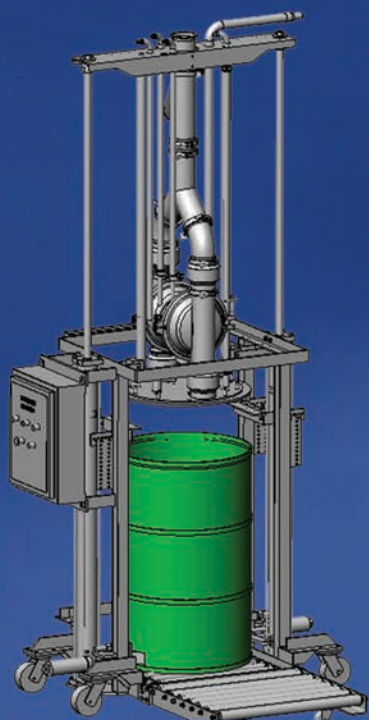


Cosmetics

# DUS DRUM UNLOAD SYSTEM

## CONSTRUCTION

- System utilizes a T-316L stainless steel, sanitary Murzan Diaphragm Pump .
- The pump is mounted on a stainless steel follower plate and is fitted with a food grade wiper.
- The system is supported by a frame constructed of T-304 Stainless steel.
- The system is equipped with two stainless steel air cylinders to lift and lower the pump.
- A NEMA 4x Stainless steel control panel is supplied with the unit.
- Customizable options include: 2", 3", 4" inlet/outlet, Large Chamber, CIP capability, Mobility, Swivel Base, Various Diaphragms, Gaskets, and Check Valve Types.
- Pump certifications: USDA, FDA, EHEDG.



## OPERATION

- With the container in place, the pump is lowered into the container. The pump and base plate will float on the surface of the product. As the product is pumped out of the container, the pump and base plate travel down into the drum wiping the wall of the drum. Once the container is empty, pump is lifted out.

## CAPACITY

- UP TO 60 GALLONS per Minute may be achieved depending on the specific gravity, viscosity, and total dynamic head of the application.

## ADVANTAGES

- Can empty 55 gallon drums of the heaviest and most viscous products in less than 3 minutes.
- Unloads containers with or without liners or aseptic bags.
- Provides completely sanitary, hands-off method of container unloading.
- The DUS reduces your total unloading time and labor requirements.
- Can simultaneously meters or weighs product during unloading.
- Fully portable or stationary.
- Designed for CIP capability.

### APPLICATIONS



Food

✓ Tomato Paste  
Peanut Butter  
Mayonnaise  
Cream Cheese  
Shortening



Pharmaceutical



Lanolin  
Vaseline  
Ointments  
Magnesium Hydroxide  
Petroleum Jellies



Cosmetics



Facial Creams  
Toothpaste  
Gels  
Mascara Base  
Skin Cream