

# MURZAN

## MIXING BOWL UNLOADING SYSTEM KUS-50



INDUSTRIES  
WE SERVE



Food



Beverages



Poultry, Meat  
& Seafood



Pharmaceutical



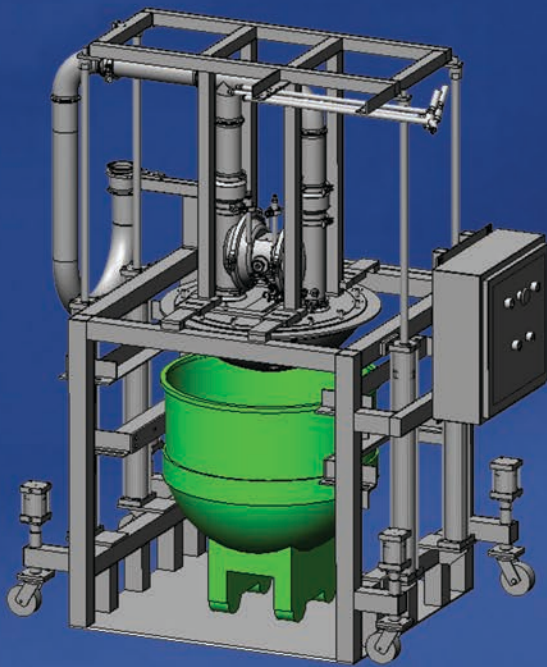
Cosmetics

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# KETTLE UNLOADING SYSTEM KUS-50

## CONSTRUCTION

- System utilizes a T-316L stainless steel, sanitary, Double-Suction Murzan Diaphragm Pump.
- The pump is mounted on a food grade plastic contoured follower plate or a flat stainless steel follower plate and is fitted with a food grade wiper ring.
- The system is supported by a frame constructed of T-304 Stainless steel.



- A NEMA 4x Stainless steel control panel is supplied with the unit.
- The system is equipped with four stainless steel air cylinders to lift and lower the pump.
- Pump certifications: USDA, FDA, EHEDG.

## OPERATION

- With the mixing bowl in place, the pump is lowered into the bowl. The pump and the follower plate will rest on the surface of the product. As the product is pumped out of the mixing bowl, the pump and follower plate travel down into the mixing bowl wiping the walls of the bowl. Once the bowl is empty the pump is lifted out.

## CAPACITY

- Capacities EXCEEDING 5000 pounds (2273kg) per Hour may be achieved depending on the specific gravity, viscosity, consistency of the product and the total dynamic head of the application.

## ADVANTAGES

- EASY TO CLEAN.
- Provides sanitary, hands-off solution for unloading mixing bowls.
- Empties contoured mixing bowls without altering product consistency or density on most products, while reducing waste.
- CIP-capable.
- Delicately transfers shear sensitive products.
- Can feed multiple depositors from one location.
- Portable for cleaning and easy changeover.

## APPLICATIONS



Food

Batters  
Jellies  
Icings  
High Viscous Product