

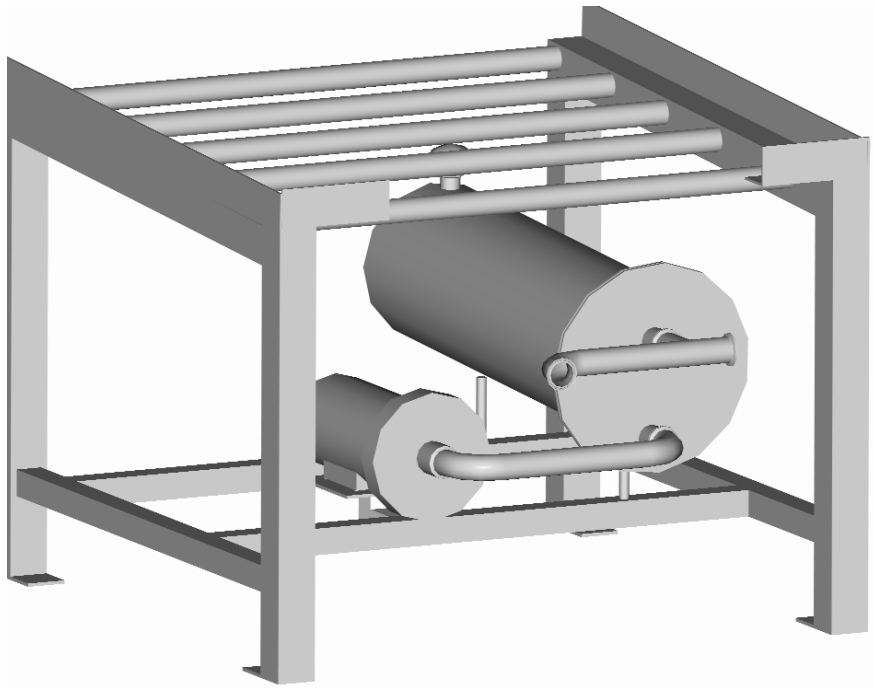
# TOTE SYSTEM

**ShickUSA's** Tote Systems are used as a means to store and transfer various liquid ingredients. The totes feed a reservoir from which a pump draws product and distributes it out to one or more usepoints. When the tote (IBC) is empty, the inline level switch sends a signal to a PLC or local indicator. Typical reservoir design provides at least 15 minutes of changeover time.

## FUNCTION

- Liquid IBC is placed on top by fork truck.
- Hose is connected, IBC (tote) valve is opened.
- Product gravity feeds into reservoir tank.
- Pump draws product from tank and out to usepoints.
- When IBC is empty, the inline level switch sends a signal to a PLC or local indicator.
- Operator can then replace the tote with a new one while the system continues to operate from the product in the reservoir.
- Typical reservoir design provides for at least 15 minutes of changeover time.





Overall dimensions are 44" wide, 39" high, and 52" deep.

## STANDARD EQUIPMENT

- Tote adapter.
- 2" food grade transparent hose with tri-clamp end connections.
- Sanitary inline level switch.
- 14-gallon 304 stainless steel reservoir tank with vacuum breaker/air bleed.
- Transfer pump (Sanitary centrifugal for product without sugars below 500 cps. Air operated double diaphragm with pulse dampener for all other products.)
- All mounted on a 304 stainless steel tote stand. Designed for use in sanitary environments with an angled tote position for better drainage.

### HEADQUARTERS:

ShickUSA  
4346 Clary Blvd.  
Kansas City, Mo 64130  
Tel: (816) 861-7224 / Fax: (816) 921-1901

ShickAP  
Blk 5000 Ang Mo Kio Ave 5  
#05-07 Techplace II  
Singapore 569870  
Tel: (65) 64824600 / Fax: (65) 64818255  
www.shickusa.com

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### REPRESENTED BY:

## RFQ DATA

- Product \_\_\_\_\_
- Batch Size (Maximum) \_\_\_\_\_
- Batches/Hr \_\_\_\_\_
- Time to Deliver \_\_\_\_\_
- Distance from tote station to usepoint  
(Maximum) \_\_\_\_\_

## OPTIONS

- 40-gallon tank for larger batch sizes
- Sanitary strainer
- Sanitary magnet trap
- Mass flow meter
- Tank heater

