

# SaniForce®

Container Evacuation Solutions



## Transfer thick materials, without dilution, from drum and bin containers

- SaniForce pump line is designed to efficiently evacuate low to high viscosity food, beverage and personal care products
- FDA-compliant, quick knock-down designs for applications requiring frequent sanitation
- 99% evacuation rate from most containers

# SaniForce Solutions

Improve plant efficiency, safety and ergonomics

# CONTAINER



**SaniForce 515  
FDA Diaphragm Pump  
with Drum Kit**  
up to 5,000 cps



**SaniForce 2:1  
Piston Pump**  
up to 50,000 cps



**SaniForce 6:1  
Piston Pump**  
up to 100,000 cps



**SaniForce Elevator**  
Use with SaniForce 2:1, 5:1  
and 6:1 Piston Pumps  
up to 150,000



**SaniForce Diaphragm  
Drum Unloader**  
Available with SaniForce  
or 3150 HS Diaphragm  
up to 100,000

## Typical Materials



Edible Oils



Flowable Lotion



Chocolate Syrup

# EVACUATION



**Diaphragm Pump**  
Available with SaniForce 2150  
Diaphragm Pumps  
up to 1,000,000 cps



**SaniForce Piston Pump  
Drum Unloaders**  
Available with SaniForce 5:1,  
6:1 or 12:1 Piston Pumps  
up to 1,000,000 cps\*  
\*When used with priming piston pump



**SaniForce BES  
(Bin Evacuation Systems)**  
Available with SaniForce 5:1 or 6:1 Piston Pumps,  
or SaniForce 3150 HS Diaphragm Pump  
up to 1,000,000 cps\*  
\*When used with priming piston pump



Ricotta Cheese



Tomato Paste



Peanut Butter

# SaniForce Line of Products



## Air-Operated Double Diaphragm Pumps

- Maximum flow rates to 150 gpm (567 lpm)
- Tri-clamp connections
- Fluid pressure up to 120 psi (8.4 bar, 0.84 MPa)
- Durable, lube-free non-sticking air valve

## 3A and High Sanitation Diaphragm Pumps

- Maximum flow rates to 150 gpm (567 lpm)
- Fluid pressure up to 120 psi (8.4 bar, 0.84 MPa)
- Quick knockdown design for easy cleaning and draining
- Durable, lube-free non-sticking air valve
- Interchangeable flapper and ball checks
- Leak detection available

## SaniForce Elevator

- Fluid transfer and supply of low to medium viscosity fluids
- Flow rates ranging from 1.5 to 14 gpm (5.7 to 53 lpm)
- Mobile and stationary options available



## Bin Evacuation Systems™ (BES)

- Evacuate materials from 300 gallon (1,135 l) containers without adding water
- Inflatable wiper seals for increased efficiency and faster change-out of bins
- Available with two sanitary diaphragm pumps or up to four sanitary piston pumps
- Pneumatic or electronic control options

## Piston Pumps

- Fluid transfer and supply of low to medium viscosity fluids
- Flow rates ranging from 1.5 to 14 gpm (5.7 to 53 lpm)
- Double-ball and priming piston designs

## Drum Unloaders

- Unload materials from straight-sided or tapered drums
- Inflatable wiper seals for increased efficiency and faster change-out of drums
- Liner guard to prevent bags from entering pump
- Sanitary flange clamps for quick disassembly

All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

Call today for product information or to request a demonstration.  
**877.84GRACO** (1-877-844-7226) or visit us at [www.graco.com](http://www.graco.com).

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