



**FLEXTANK**  
Superior Solutions for Professional Winemaking

by **Smak**  
Plastics Inc.

## STACKER Tanks

CATALOG NUMBER

SDM&H 300 - 300 gallon (1,135 liters)

SDM&H 240 - 240 gallon (910 liters)

Visit our website to view full specifications and to order.

### Description and Function:

The 300 gallon STACKER tank (and a 240 gallon version) features a stacking cage that allows convenient movement or stacking with a fork truck up to three high. The tanks may also be elevated on a fork truck to facilitate gravity racking.

STACKER tanks feature a patented 19 inch diameter man way opening, hermetically sealed with the clamp style lid and gasket shown. The clamp lid requires neither tools nor herculean strength to install or remove as opposed to similar diameter threaded openings. As the tank is filled, wine impacts the convex lower surface of the lid and then fills the gap between lid and tank. Final fill is through the 2 inch threaded bung hole after the lid has been clamped in place. Minimal entrapped air results.

The wide opening makes for a versatile tank that can be used for primary and secondary ferments in addition to maturation storage. Excellent access for cleaning or the addition and removal of oak adjunct products.

Two thicknesses of vessel provide passive micro oxygenation performance similar to either second year barrels (Maturation Weight) or "neutral" barrels (Heavyweight) at cellar temperature (55F). The thicker units are primarily intended for aromatic whites where only minimal micro oxygenation is desired. Custom wall thicknesses for either higher oxygen permeation rates or lower are available.

### Space Efficient.

The 40 x 48 in. (1000 x 1200 mm) footprint and 3 high stacking allows the equivalent of 15 barrels of wine to be stored in just 13.3 sq. ft. or 1.2 sq. m. In the typical winery situation storage is at least twice as space efficient with these tanks compared with stacked barrels.

- Rugged, hygienic, easy to clean unit
- Seamless inside surface
- Mimics second year barrel for wine aging
- Significant labor cost saving
- More complex wine flavor profile
- Ideal for oak adjunct evaluation and use
- Use for fermentation and aging
- Low service life cost
- Excellent access

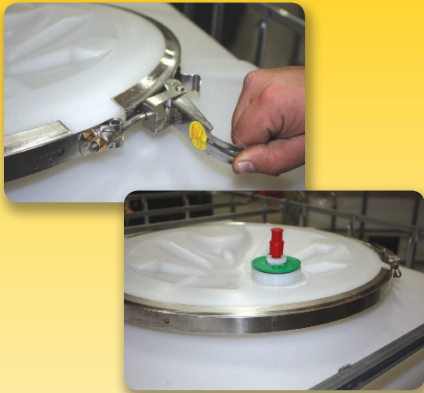


STACKER tanks feature a stacking cage that allows convenient movement or stacking with a fork truck up to three high. Units shown include accessories that are available at extra cost depending on specific needs.

## Pick a Base Tank, then add accessories!

### Segmented V-Band Clamp for Easy Installation

The clamp lid requires neither tools nor herculean strength to install or remove as opposed to similar diameter threaded openings. As the tank is filled, wine impacts the convex lower surface of the lid and then fills the gap between lid and tank. Final fill is through the 2 inch threaded bung hole after the lid has been clamped in place. Minimal entrapped air results.



### Racking Elbow / RE1 or RE2

The racking (rotating) elbow mounts on either a 1.5" or 2" Tri-Clamp flange fitting. It may be installed either before the tank is filled with a valve clamped to the elbow or after the tank has been drained down to the level of the racking port - the elbow and valve are then installed and the remaining wine racked off the lees or sediment.



Floating skins are available for partial fills.



### Add a Ferment Lock

The Cat. No. FL1 ferment lock is a one way pressure release valve that screws into the 2 inch (50 mm) threaded bung hole in the tank lid. The kit includes a bung and adapter.



### Choose a Sample Valve

Flextank's patent pending micro-sample valve (Cat. No. SV3 or new SV1T) is a spring loaded valve that screws into a molded-in 18mm stainless steel insert. After sampling the internal wine path may be flushed before applying the dust cap. An actuation tool is included. The valve may also be used to backflush inert gas into the tank. The SV1T offers an alternate conventional thumbwheel sampling valve which attaches via the same stainless steel insert.



### Add a Valve

Butterfly valves may be ordered separately (Cat. Nos. BV1 and BV2) or as a kit that includes a Tri-Clamp gasket and clamp. (Cat. Nos. BV3 and BV4) A completed valve installation shown to the left. A complete installed valve kit is shown in drain area; VK3 or VK4.

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Proudly designed and manufactured in the USA. Tanks are manufactured in and ship from Vancouver WA 98682

A quality and cost effective alternative to oak barrels and stainless steel tanks or concrete.



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