

500-bbl Smooth-Wall Storage Tanks

PCI Manufacturing Solutions' smooth wall liquid storage tanks are built according to a rigorous standard, fully inspected and tested to ensure that every single weld, brake light and coat of paint functions for years.

Standard Tank Specifications:

- ✓ 500-bbl capacity
- ✓ Custom fit, plug-and-go wiring harness
- ✓ 6 × 12" outer rail, 4 × 10" inner rail sealed beam floor supports; cross members fully welded on ends
- ✓ ASTM A36 ¼" smooth steel walls with 7" channel supports
- ✓ 4.5" drop V-bottom floor with 20" × 3" deep, round sump
- ✓ Top panel with 11 stiffening ribs and 2 non-sealable hatches with hinged lids
- ✓ Center-entry stair
- ✓ 8" external manifold, four 4" threaded collars, plugged, and two 8" hammer unions with steel caps *OR*
- ✓ 8" internal manifold with four front-wall penetrations, flanged with 4" butterfly valves (internal manifold only—internal or external manifold available)
- ✓ One 4" front penetration with butterfly valve
- ✓ One 4" gel line with 4" butterfly valve
- ✓ One 3" rear fill line
- ✓ One 4" rear drain with butterfly valve and remote handle
- ✓ Rear bumper
- ✓ Two 22" manways – one front and one side
- ✓ 11R-22.5" radial tires
- ✓ 22,500-lb axle
- ✓ 100% solids, high-performance Carboline Phenoline® 310 interior liner, minimum 15-mil dry film thickness
- ✓ High-solids, high-gloss exterior Strathmore DTM paint, customer color choice, 6-mil dry film thickness
- ✓ Pure Asphalt undercoating



Options:

PCI Manufacturing Solutions offers the options listed below, allowing customers to create a custom tank, built to satisfy their specific needs.

External Manifold

- 4" steel plugs and chains
- One to four 4" butterfly valves on the manifold
- 8" butterfly valves prior to hammer unions

Rear Fill Lines

- 4"
- 6"
- Any combination

Sign Plates

- 36" × 60" mid-tank, 2 per tank

Rear Bumper

- Heavy-duty with tow hook

Cold-Weather Tank

- Add insulation
- Add 2" glycol/steam heating lines

Decals

- Customer logo, furnished by PCI

Internal Manifold

- Steel plugs and chains in standard 4" valves
- Special fittings on 4" valves

Manways

- Delete front manway
- Add manway to any other location

Gel Line

- Delete standard gel line
- Interior, flanged, removable, steel gel line
- Interior, flanged, removable, PVC gel line

Sump

- Delete/remove standard, round, 20" × 3

Other

- Double-sealed hammer unions
- Float ball assembly
- Roof-mounted safety cable