

## 500-bbl Standard Acid Tanks

Acid tanks are purpose-built frac tanks used during the hydraulic fracturing process if corrosive fluids are needed, and each PCI tank is specially lined to withstand the effects of these fluids. PCI Acid Tanks can be built with either stainless steel ball valves or stainless butterfly valves; all have Viton® rubber seals at valves and manways.

PCI's processes for installing the Carboliner 380 liners includes multiple inspections before liner installation, with all liners mill- and spark-tested to ensure a long-lasting uniform coverage.

All PCI products are designed and built specifically to meet our customers' requirements in our state-of-the-art facility, with complete in-house fabrication, blasting, liner and painting departments. A full charge quality control team ensures the highest quality and consistency which provides the end user a low-maintenance, long-term asset.



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#### **Standard 500-bbl Acid Tank Specifications:**

- 500-bbl capacity
- ASTM A36 ¼" corrugated steel walls
- Top panels with stiffening ribs and 3 non-sealable hatches with hinged lids
- V-bottom floor
- Side-entry stair and walkway
  - Two 4" rear fills: one right top of tank with 4" capped flange, one left wall penetration with pipe threads for ball valves or flanged for butterfly valves
- Three 4" front penetrations with pipe threads for ball valves or flanged for butterfly valves
- One 4" rear drain with pipe threads for ball valves or flanged for butterfly valves
- Heavy-duty rear bumper with tow hook
- One side 22" manway with Viton gasket and one 22" front manway with Viton gasket
- 22,500-lb axle
- 11R-22.5" bias tires
- Installation of customer-supplied decals and DOT placards
- Internal coating: Carboline Phenoline® 380, 15-20 mil dry film thickness
- High solids, high gloss Strathmore exterior paint, 6 mil dry film thickness, customer color choice

#### **Options:**

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

- Coated external manifold
- Internal mixing lines
  - Delete manway lids and add sealed manways on top of tank
- Stainless steel rear fill
  - Two sign plates to accommodate decals up to 36"

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