Making the right fuel storage decision

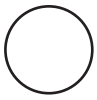
As experts in storage tank manufacturing, we specialize in producing steel, above-ground, shop-built tanks in various configurations, including single-wall, double-wall, horizontal, vertical, flat-bottom, and cone-bottom designs for atmospheric pressure liquid storage. While we offer a range of standard sizes and configurations, we are always eager to collaborate and create custom solutions that meet your unique storage needs. Additionally, we provide comprehensive fuel storage and distribution systems, from tanks equipped with pumps, gauges, and vents to complete Cardtrol systems.

Why You Might Need Bigger Fuel Storage:

- **Double Wall Tanks** offer hassle-free installation and long-term savings.
- **Single Wall Tanks** are more affordable upfront; however, if containment is required, then there is higher maintenance.
- **Vertical Single Wall Tanks** save space and cost less to install.
- **Horizontal Single Wall Tanks** are sturdier and easier to maintain, making them a great long-term investment.

Custom Industrial Tank Solutions

Single Wall vs. Double Wall Tanks: Benefits & Requirements



	SINGLE WALL	DOUBLE WALL
Upfront Cost	Lower initial purchase cost for the tank itself. Farmers allowed exemption for up tp 2000 gal.	Higher upfront cost, raging from 20% for large, and up to 30% for smaller.
Containment Costs	Additional containment (steel/concrete) adds to setup. Typically more than the extra cost of double wall.	No need for separate containment.
Pumping System	Required for rainwater removal, adding to equipment cost.	No pumping system needed.
Record Keeping Costs	Ongoing cost for managing water removal records.	Zero record keeping required.
Maintenance Costs	Higher maintenance due to additional equipment.	Lower ongoing maintenance.
Lifetime Cost	Over time, ongoing containment and maintenance costs can outweigh initial savings.	Higher upfront investment, but reduced ongoing costs lead to long-term savings.

Single Wall Vertical vs. Horizontal Tanks: Benefits & Requirements

	Single Wall VERTICAL	Single Wall HORIZONTAL
Upfront Cost	Lower initial tank cost, no need for cement pad.	Higher cost due to steel thickness and saddles.
Space Requirements	More space-efficient, saving costs on land use.	Requires more ground space, potentially higher land costs.
Installation Costs	Can be placed on pea gravel, minimal installation cost.	Requires a concrete pad and supports (saddles).
Ongoing Maintenance	May require more frequent inspections due to plumbing. Morrison gauge for visibility from ground.	Similar maintenance, though fewer issues with plumbing. Alarm clock gauge has batteries.
Lifetime Cost	Lower installation costs but potentially more maintenance due to site plumbing.	Higher upfront cost but fewer ongoing expenses.