Upfront Cost and Lifetime Cost Analysis

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.

Benefits of Optimizing Your Fuel Supply:

1. **Fuel Cost Savings:** By purchasing fuel in bulk, you can save between $0.20 to $0.50 per gallon
2. **Hedge Against Price Fluctuations:** With larger fuel tanks, you have the capacity to hedge against market volatility.
3. **Supply Reliability:** having an on-site fuel reserve ensures your operations continue without disruption.

Custom Industrial Tank Solutions

Single & Double Wall Tanks Analysis (2025 Cost)

Case Study 1-2

Horizontal Single Wall Tank Cost Breakdown (10,000-gallon capacity):

Upfront cost: $24,600 (tank) + $9,615 (containment) + $2,500 (pumping system) + $6,000 (cement & saddles)

Lifetime maintenance: $2,500/year (water removal, inspections, maintenance)

Total 10-year cost: $24,600 + $9,615 + $2,500 + $6,000 + ($2,500 × 10 years) = $67,715

Horizontal Double Wall Tank Cost Breakdown (10,000-gallon capacity):

Upfront cost: $38,000 (tank, pre-plumbed) + $6,000 (cement & saddles)

Lifetime maintenance: $200/year (inspections, minimal maintenance)

Total 10-year cost: $38,000 + $6,000 + ($200 × 10 years) = $46,000

Vertical & Horizontal Tanks Analysis (2025 Cost)

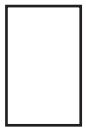
Case Study 3-4

Horizontal Single Wall Tank Cost Breakdown (10,000-gallon capacity):

Upfront cost: $24,600 (tank) + $9,615 (containment) + $2,500 (pumping system) + $6,000 (cement & saddles)

Lifetime maintenance: $2,500/year (water removal, inspections, maintenance)

Total 10-year cost: $24,600 + $9,615 + $2,500 + $6,000 + ($2,500 × 10 years) = $67,715



Vertical Single Wall Tank Cost Breakdown (10,000-gallon capacity):

Upfront cost: $17,500 (tank) + $3,000 (pea gravel bed, plumbing) + $8,365 (dike)

Lifetime maintenance: $2,500/year (plumbing maintenance, inspections)

Total 10-year cost: $17,500 + $3,000 + $8,365 + ($2,500 × 10 years) = $53,865

Client Success Stories

"Choosing the Kay double-wall tank was one of our best decisions. The initial cost was slightly higher, but the reduced maintenance expenses have made it worth it."

-Emma Davis,
Owner of Sunnybrook Farms

"With only $500 in annual maintenance, we've saved time and money compared to a single-wall tank. Over 10 years, our total savings reached $7,000!"

-John Miller,
Manager at Green Acres Farmstead

"Reliable, low-maintenance, and cost-effective—Kay tanks have delivered exceptional value!"

-Laura Thompson,
Owner of Willow Creek Ranch

Complete Solutions From One Trusted Partner Since 1954