

LibertyCES Horizontal Water Storage Tank – Technical Specifications

Horizontal water storage tanks are cylindrical containers laid flat for stable, low-profile liquid storage. They’re ideal for mobile transport, under-deck use, or tight-clearance applications in agriculture, construction, fire protection, and industrial systems.

Key Features & Specifications

Feature	Details
Capacity Range	15 to 5,000+ gallons
Tank Style	Horizontal leg or cradle-mount tanks with molded-in legs or saddles
Material	HDPE or XLPE (rotationally molded, one-piece)
Wall Thickness	~0.25" to 0.5" depending on model
Weight (Empty)	~20 to 900 lbs
Color Options	Black (UV-resistant), White/Natural (level visibility), Green
Fittings	Bulkheads, vented lids, ports, drains, level sensors
Mounting	Leg supports or strap-downs for transport
Accessories	Optional baffles, fill caps, straps, vents

Certifications & Compliance

Certification	Relevance
NSF/ANSI 61 & 372	Safe for potable water use
FDA 21 CFR 177.1520	Food-grade resin compliance
DOT-Transport	Some models certified for road use
UV Stabilized	Outdoor use with sunlight protection
SPCC	Supports secondary containment for chemical compliance

Primary Applications

Sector	Use Case
Agriculture	Fertilizer, irrigation, livestock tanks
Construction	Jobsite water supply, dust suppression
Emergency Services	Disaster response water deployment
Landscaping	Mobile watering tanks
Fire Protection	Remote reserve supply
Industrial	Mobile chemical tanks
Residential/Off-Grid	Under-deck or crawlspace tanks