

PRODUCT CATEGORY: STORAGE TANKS

Vertical Silos

Walker silos, for installation on a flat horizontal pad for either internal or external location, offer dependable and economical product storage solutions. They are designed to specific space and applications needs, with a variety of exterior finishes including stainless steel wrap (either light gauge lapped or heavy gauge all welded), or the lower cost painted carbon steel outer shell. The silo base is a proven and unique design incorporating a series of "Z" rails that give unequalled support of the base of the product vessel to ensure long life of the entire structure. Walker offers options in designing your silo to meet your specific needs:

- Heat transfer jacket according to the thermal duty and media available
- Conventional spray down CIP or specially designed spray-up CIP system
- Capacities from 5,000 gallons to 70,000 gallons
- Vertical or horizontal agitation
- Site-specific access equipment

CIP Agitators

Walker Engineered Products has developed a unique horizontal agitator that is USDA accepted for mechanical cleaning for use in 3-A dairy silos & storage tanks. During CIP, the one-piece stainless steel body and agitator shaft assembly is connected to the CIP supply line. This forces CIP solution through the assembly and, via a specially contoured nose, directs pressurized flow to effectively clean the impeller blades. The unique one-piece construction eliminates internal threads. The self-lubricated internal plastic bushing is grooved for effective flow, minimal maintenance and cleanability. This provides a self-lubricated bearing surface between the shaft and body housing. The sanitary internal construction is free from internal springs, unsanitary crevices, and threads for more effective CIP flow-through cleaning. The simplicity of the design ensures that all basic components can be removed in just a few minutes to facilitate full inspection of all internal parts



Vertical Storage Tanks

In addition to the range of silos, Walker offers a range of vertical storage tanks with dish, flat pitched or cone bottom design supported on legs or side mounted lugs. Application specific options are available and include:

- Heat transfer jacket on side wall and/or vessel bottom
- Insulated or single shell
- Agitation
- Side or top entry manway
- 304 or 316L stainless steel, other materials are also available
- Atmospheric or pressure design

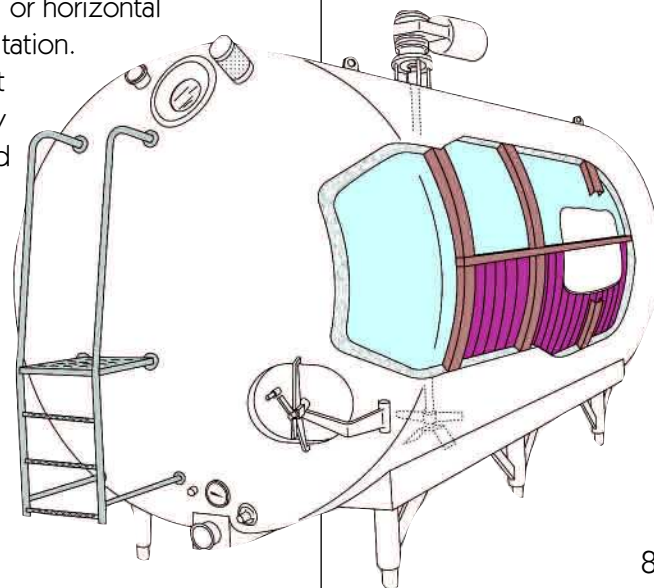
Horizontal Storage Tanks

Walker's stainless steel round horizontal storage tanks offer the dairy, beverage and food industries all the holding capacity required – in single or multiple-unit installations. Standard sizes range from 1,000 to 20,000 gallons and can be customized to your specifications. All Walker units meet or exceed 3A or USDA standards.

Horizontal storage tanks are available in refrigerated cold-wall models and non-refrigerated designs. Both tanks maintain efficient cooled product storage and are fully insulated with three inches of polystyrene. CIP cleaning is easy with flush interior fittings. Storage tanks are designed for regular floor mounting or for through-wall installation.

Continuous length leg angles are welded to the reinforcing rings. This allows the loaded weight to be equalized throughout the tank bottom and directly transferred to the legs. Adjustable ball feet allow proper tank leveling.

Horizontal storage tanks can be equipped with either vertical or horizontal agitators. Vertical agitation is ideal for continuous product agitation. Located in the center of the tank 8" to 10" from the bottom, it effectively agitates milk, cream, ice cream mix and other dairy food products until the product is almost completely drained from the tank. Walker agitators are designed for fast assembly and disassembly without tools.



**Built-In Efficiencies, Durability
and Convenience in Every Storage Tank**