

HydroTec MB™

Mobile Temporary Storage Tank Solutions



HydroTec MB™

HydroTec MB™ storage systems from CST features a standard chime panel, epoxy coated tank design with gaskets that has a single or double 40mil LLDPE liner bolted into the tank.

HydroTec MB can be designed with one or two rings. It is easily expandable for greater capacity and is pre-engineered for a dome or cover if needed. HydroTec MB is a more versatile, cost-effective solution for your storage requirements.

Pre-Assembled Precision Manufactured Panels

Every HydroTec MB Panel is precision manufactured and pre-assembled in CST's ISO 9001:2015 certified facility. This allows for efficient construction of the tank and liner. The liner attachment is engineered and derived from experience attaching membranes in bioenergy storage applications. The result is a more professional and reliable mechanism to secure the liner in place.

Safe, Fast and Experienced Construction

CST's simple construction methods, outstanding documentation and training, and on-site construction support anywhere in the world is a major asset to the customer. HydroTec MB can be safely constructed on grade with minimal site preparation and footprint. In most cases, permits are not required.



Tank panels are precision manufactured and can be pre-assembled for convenient shipping

Pre-assembled panels are easily lifted and bolted into place



Design Specifications

Design Standards	CST Specifications
Wind Design	IBC 2006/ASCE 7-05
Specific Gravity	1.20
Epoxy Coating	Trico Bond EP®, 7 mil average dry film thickness

Liner Specifications

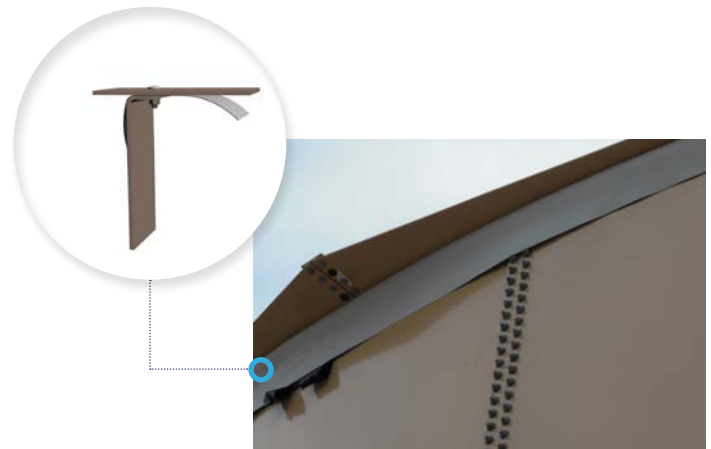
Tested Property	Test Method	Frequency	40 mil MIN
Tensile Properties	ASTM D 6693	20,000 lb	N/A
Strength at Break	Type IV Dumbell	N/A	60
Elongation at Break	G.L. 2.0 in	N/A	250



HydroTec MB Storage Tank Features



- Portability**
 HydroTec MB can be easily trucked to remote locations, disassembled, moved and re-constructed as necessary.
- Shipping**
 HydroTec MB is manufactured so shipments do not exceed 9'-11' thus eliminating most permitting requirements
- Small footprint requires less site preparation**
 CST offers popular size capacities but with a smaller footprint and less ecological disturbance; an advantage only CST can provide
- Safe and proven construction methods**
 Experience Modification Ratio (EMR) is less than 1.0
- Formed-fit 40mil Low Linear Density Polyethylene (LLDPE)**
 Unique liner attachments and no clumsy clamps
- Durable Trico Bond EP® epoxy coating for longer service life and reuse**
 Proven in thousands of applications; can customize color to match corporate identity
- Manufactured in an ISO Certified facility**
- Expandable**
 Modular design makes it easy to increase capacity or make any repairs
- Dome or cover options**
 Tanks are equipped to accommodate any dome or cover requirements needed in the field; CST can provide and install the dome or cover for your system



» Unique liner attachment wind girder with fin neck bolts

Available Configurations

Diameter	Height	Capacity	Estimated Construction Time*	Number of Truck Loads**
59'	10'	4,722 bbl	2 Days	1
83'	10'	9,254 bbl	3 Days	2
118'	10'	18,886 bbl	4 Days	2
178'	10'	42,494 bbl	6 Days	3

(ONE RING)

Diameter	Height	Capacity	Estimated Construction Time*	Number of Truck Loads**
47'	20'	6,202 bbl	2 Days	1
59'	20'	9,690 bbl	2 Days	2
83'	20'	18,993 bbl	3 Days	2
124'	20'	42,733 bbl	4 Days	4

(TWO RING)

* Construction duration is reduced with pre-assembled option
 ** Liner will ship separately

The CST Difference

HydroTec MB delivers a clean, professional and responsible image to site operations. CST is the global leader in engineered and factory coated storage solutions. Backed by over 127 years of experience drawn from diverse markets and storage applications around the globe, the HydroTec MB mobile temporary storage tank is the most durable and dependable option available.

