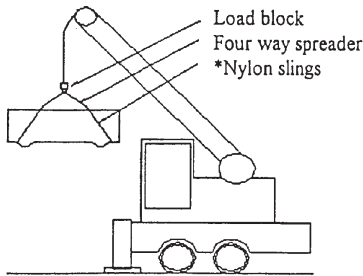


ConVault

Unloading and Setting

Equipment Required:



- Crane of sufficient capacity to safely lift & place the unit
- (2) Nylon slings minimum
 20' tanks <= 2000 gallons
 30' > 2000 gallons
- (1) four way spreader
- Proper amount of shackles and rigging for safe offload



ConVault aboveground tanks are precast concrete units with a painted or architectural finish. The unloading equipment and procedures are critical to setting the tank safely and without damage to the tank.

- Coordinate crane & rigging based on the following tank sizes & weights:

Capacity (Gallons)	Weight	Weight DW	Length	Height	Width
250	8,000	8,600	7'8"	3'3"	3'9"
500	12,000	12,800	11'0"	3'4"	4'6"
1000	18,000	21,500	11'0"	4'4"	5'8"
1500	30,000	32,000	11'3"	5'0"	8'0"
2000	30,000	32,000	11'3"	5'6"	8'0"
2500	33,000	35,000	11'3"	7'3"	8'0"
3000	37,000	38,200	11'3"	7'3"	8'0"
4000	49,500	52,500	17'7"	6'6"	8'0"
5200	56,000	59,200	15'6"	8'10"	8'0"
6000	60,000	63,500	17'7"	8'10"	8'0"
8000	72,000	76,400	23'1"	8'10"	8'0"
10000	89,500	92,300	28'7"	8'10"	8'0"
12000	101,000	112,500	34'1"	8'10"	8'0"

- Inspect the tank on the delivery truck prior to rigging. Report any damage in transit to the truck driver and note on the ship ticket.
- The tank rigged for basket-type lift: Slings under the tank are generally placed on the outside of the tank legs. A four way spreader should be used. Nylon slings are preferable if they are available in the required capacity. Although wire rope slings are not recommended, they may be used if protective pads are placed when contacting tank surface to prevent damage to the finish.
- Allow time with the crane at the site for installing the load block and organizing the rigging.
- During unloading and setting, have one person in charge and signaling the crane operator, keep people clear of the load and avoid being trapped between the load and building walls or equipment.
- Make sure there is no overhead wiring to interfere with crane or boom operation. Boom trucks require additional unloading room close to site.
- When the tank is set the most important accomplishment is that the job was done safely.