

LIFTING PLAN – Large Conical Bottom Tanks

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Recommendations for lifting Polymaster Large Conical Bottom Tanks.

- Conical Bottom Tanks will be despatched on their sides, either on heavy-duty pallets or bearers.
- The tank/s will be fitted with S/Steel D-Shackles to the 4 x lifting lugs.
- Lifting slings lengths as per the table below.
- We recommend using lifting slings that are rated to 2000kg.
- Guide ropes are recommended to assist with moving & stabilization.
- **Plan the lift before commencing & follow your prescribed SWMS/SOP's etc.**

Conical Bottom tanks are transported on their sides, on heavy-duty pallets or bearers. The pallets can be unloaded from the truck with an appropriately sized Forklift and moved to the required position. For tanks transported on bearers, it is recommended the tank is first lifted on it's side from the truck to the ground before attempting to stand.

To transfer the Conical Bottom Tanks to an upright position, first untie the tank from the pallet. Attach 2 x lifting slings to the 2 highest lifting lugs on 1 tank and attach to the crane hook. See **STEP 1**.

Guide ropes can be attached to the 2 lowest lifting lugs and to the Conical Bottom Tanks Metal Frame (recommended).

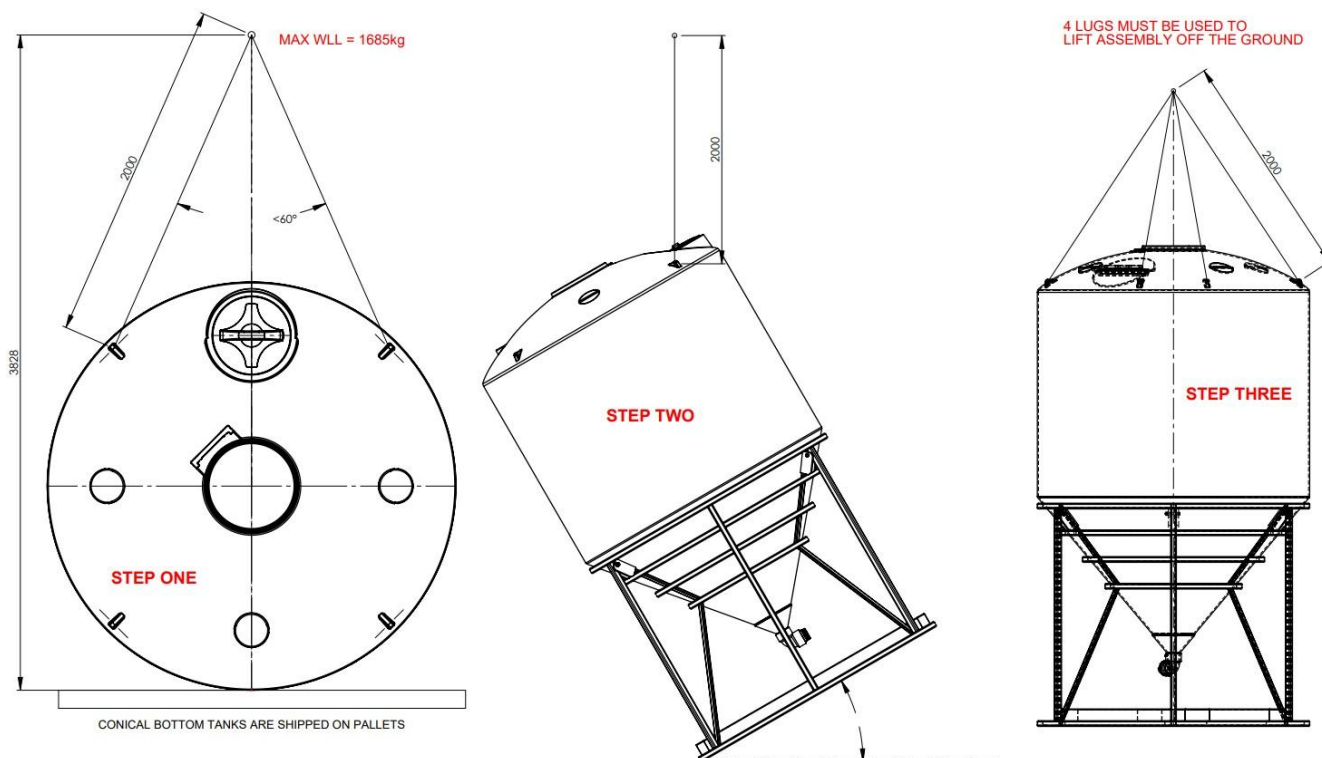
Gently raise the tank, being mindful of any fittings on the tank or any adjacent tanks. Move the tank to an area with enough room to stand the tank on its base. **DO NOT** keep the tank suspended for long periods of time. **The tank may NOT be lifted completely off the ground. Ground support must be maintained.**

Gently place the tank on its bottom edge and 'pull' with the crane so that it can be lowered onto its base. You may find this easier with the use of guide ropes. See **STEP 2**.

When the tank is on its base, connect the remaining 2 lifting slings and move the tank to its required location. See **STEP 3**.

Important: x2 straps are only to be used to raise tank from its transport position, x4 straps must be used when lifting/maneuvering tank to final position once on its base.

Tank	Required Strap Length
SM 5000 SM 7500 SM 10000 SM 12500	2.0m
SM 20000 SM 25000 SM 30000	3.0m



(SM5000-SM12500 Shown)

THESE ARE GENERAL RECOMMENDATIONS ONLY AND MAY NOT COVER ALL ASPECTS OF THE UNLOADING PROCEDURE.

FOLLOW ALL OF YOUR PRESCRIBED SWMS/SOP's.