

**HYDROTECH**

# Unloading instructions Hydrotech filters

**READ THIS DOCUMENT  
BEFORE UNLOADING**

Revised: 2021-08-31



An 8-10 ton forklift with side shift is required. Be certain to read through ALL of these instructions before beginning to unload.



*Figure 1, Space for forks marked in green. Chain shackles can be attached on feet marked red.*

Attach chain shackles or similar to the ends of the bottom support beams. Carefully place the forks under the bottom of the tank/frame/pallet. Use a barrier (such as thin plywood or cardboard) on top of carbon steel forks to protect the stainless steel tank/frame from carbon steel contamination. Be sure the forks extend at least 6-12 inches under the edge of the tank/frame/pallet to keep the tips from denting the underside when lifting. Raise the unit slightly with the forklift. The unit has to be supported by the forklift to reduce friction between the unit and the container floor. Be sure the forks DO NOT contact any pipes, flanges, pumps, or any other part of the unit except the bottom of the tank/frame/pallet!

Carefully use the forklift to start sliding the unit out of the container.



*Figure 2, Unloading the filter.*

Remember that the forks must support the weight of the unit on the end being pulled.



*Figure 3, Unloading the filter.*

STOP pulling when there is still at least 300 mm (12 inches) of the bottom support beams left inside the container. Place wooden beams under the unit to support it. Lower the unit onto the beams and disconnect the chains or straps.



*Figure 4, Unloading the filter.*

The unit is now supported by wooden beams and on the other end by the container.



*Figure 5, Filter unloaded, resting on wooden beams.*



It is now possible to lift the unit from the side and use the side shift feature of the fork-lift to get the remaining part of the unit out of the container.



*Figure 6, Lifting the filter unit with a fork lift.*

Please note that these units are produced out of thin (1/8") stainless steel sheet metal that is very sensitive to damage. Take caution to avoid any dents, scratches, or other damage to the tanks walls of other components.

Remember to use a barrier (such as thin plywood or cardboard) between the forks and the stainless steel tank to protect the stainless steel from contamination.