

[novid.ca/manuals](http://novid.ca/manuals)



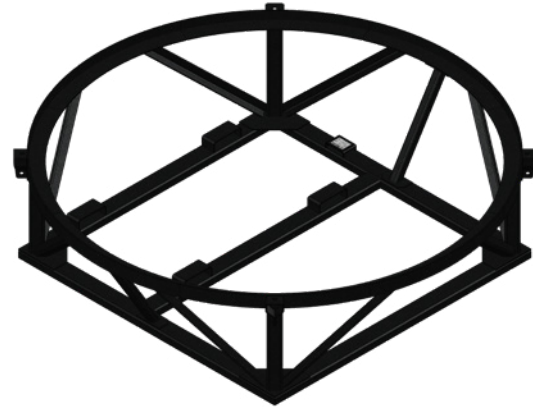
**Novid®**  
BUILT TO **ENDURE.**

## HOT LOAD TANK STAND

User Manual

### 1. Technical Specifications

FEATURE	SPECIFICATION
Gross Load Rating	20,000 lbs
Height	24.5"
Diameter	93.25"
Weight	510 lbs
Material	Powder coated mild steel



### 2. Safety Warnings

**⚠ CAUTION:** Failure to follow these instructions may result in injury or equipment damage.

- **Compatibility:** This stand is designed for use only with compatible Novid hot load tanks. Do not use with other tanks unless approved by Novid.
- **Tank Operations:** For tank-specific procedures (filling, draining, cleaning, etc.), see the Novid Hot Load Tank User Manual at <https://novid.ca/manuals>.

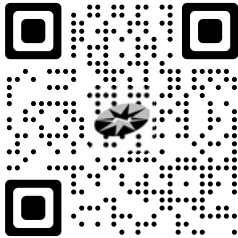


Fig. 1: lift lug location

- **Empty Lift Only:** Do not lift the stand with liquid in the tank. This stand is not intended to be lifted with any liquid inside the tank.
- **Transport Security:** The stand must be chained securely to the trailer before transport.
- **Assembly Verification:** Verify the tank is properly secured to the stand before use.

### 3. Tank Installation (Mounting Tank to Stand)

#### STEP 1: PLACEMENT

- Load the empty Novid hot load tank onto the stand using the lift lugs (2) located on top of the tank. (See Fig. 1)
- Ensure the tank anchor tab holes are aligned with the stand lugs. (See Fig. 2)

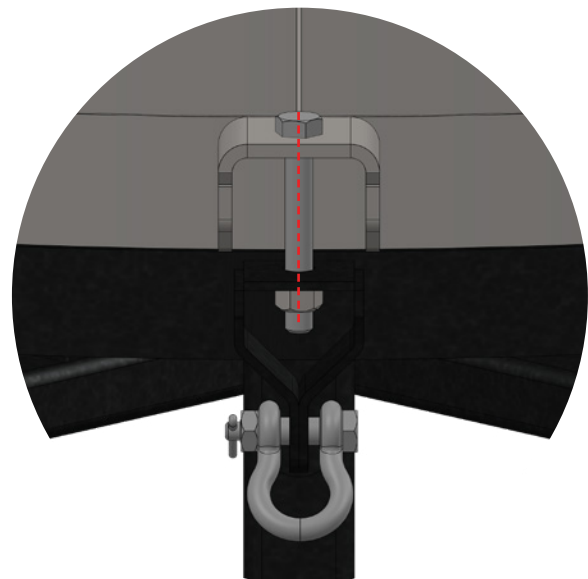


Fig. 2: anchor assembly detail

## STEP 2: HARDWARE INSTALLATION

- Secure the tank using the provided  $\frac{3}{4}$ " Grade 8 bolts and Distorted thread lock nuts. (See Fig. 2)

## STEP 3: TIGHTENING PROCEDURE

- Tighten the bolt and nut until both are firmly seated against their metal contact surfaces.
- Once the assembly is snug, turn the nut an additional  $\frac{1}{2}$  turn to achieve proper preload.
- After tightening, use a paint marker to draw a straight line across the bolt threads and onto the nut.
- This reference mark will be used during routine inspections to confirm that the nut has not rotated or loosened.

## 4. Transport & Loading Instructions

### LOADING STAND ONTO TRAILER

**Equipment Required:** Forklift with a minimum capacity of 5,000 lbs at a 24" load center.

#### Procedure:

- Always load the stand from the side of the trailer using the forklift pockets. (See Fig. 3)
- Verify the stand is centered on the trailer and the deck is clear for stability.

### SECURING STAND TO TRAILER

**Hardware Required:** Grade 80 chains and  $\frac{5}{8}$ " thick Clevis (Rated 10,000 lbs).

#### Procedure:

- Secure the stand to the trailer using the recommended chaining geometry shown below.
- Use chain binders to tighten the chains.
- Ensure chains are angled at approximately  $45^\circ$ . (See Fig. 3)
- Re-verify the tank-to-stand anchor assembly is still snug-tight and hasn't loosened during the loading process.

## 5. Maintenance & Inspection

**Bolt and Chain Tension Checks:** It is recommended to recheck for loose nuts and chain slack:

- After driving the first 30 miles (50 kms).
- After each cycle of refilling the tank.

**Re-tighten immediately if looseness or slack is detected.**

**Structural Inspection:** Regularly inspect the stand's frame for cracks, bends, corrosion, weld failures, or any other signs of structural damage or unusual wear. **Remove the stand from service immediately if any issues are found.**

**Fastener Replacement:** If fasteners are removed for any reason, they must be replaced with new fasteners of the same grade and type.

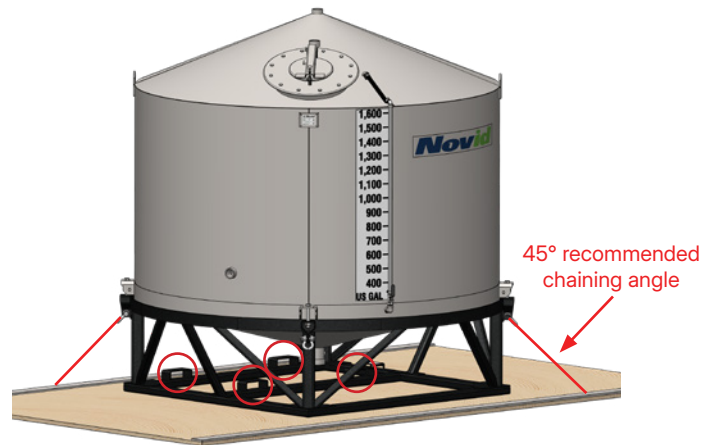


Fig. 3: forklift loading pockets & chaining angle

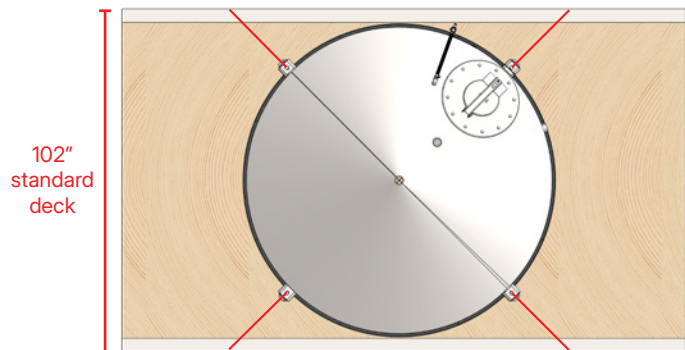
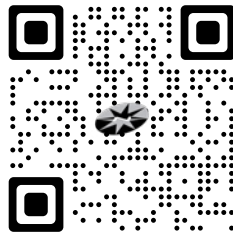


Fig. 4: chain anchor geometry

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**Novid Inc.**

Box 101  
190 Second Ave  
Rosenort, MB  
R0G 1W0

**877-956-6843**  
[novid.ca](https://novid.ca)

