

# HEAVY DUTY Safety Shoring System Tank Construction Equipment

Engineered safety shoring solutions designed to provide high-capacity, stable overhead support for floating roof tanks during inspection, maintenance, and repair operations.

The Heavy Duty Safety Shoring System delivers safe, efficient, and adaptable support within confined tank environments, enabling operators to secure floating roofs quickly and reliably.

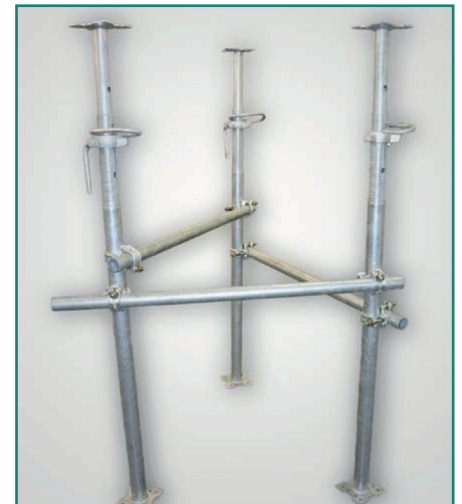
## Overview

The **Heavy Duty Safety Shoring System** is designed to provide secure overhead support for floating roofs in aboveground storage tanks. The system installs quickly and is easy to use, allowing operators to safely stabilise roofs during tank cleaning, inspection, and repair activities.

Its modular design enables flexible configuration around internal obstructions, while maintaining high load-bearing capacity and structural stability in confined working environments.



Versatile Angle Allows for Clamps at Each Post



Assembled View of Heavy Duty Safety Shoring System

## Design & Construction

The system incorporates a modular shoring design engineered for strength, adaptability, and ease of installation in confined tank environments.

Key design features include:

- Adjustable connections allow installation around obstructions
- Modular components enable flexible system configuration
- Designed for rapid assembly, adjustment, and disassembly
- Components sized to pass through standard tank manways
- Compatible with floating roof construction and repair applications



Upper Adjustment and Pinned Connection

# Key Benefits



## Enhanced Safety

Provides stable overhead support for confined space operations.

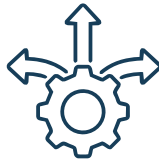


## Fast Installation

Quick to assemble, adjust, and remove, reducing downtime.

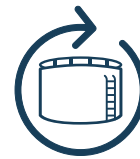
## High Load Capacity

Supports floating roofs with safe rated capacities up to 30,000 lbs.



## Flexible Configuration

Adapts easily around internal obstructions and tank structures.



## Reusable System

Durable components designed for repeated use across multiple projects.

# Key Features

- Engineered and load tested for high-capacity support
- Adjustable system adapts around obstructions
- Components pass through standard tank manways
- Quick assembly and disassembly
- Lightweight yet robust construction
- Designed for confined space operations

# Applications

- Tank cleaning operations
- Floating roof inspections
- Tank maintenance and repairs
- Confined space access support
- Floating roof construction

HEIGHT		RATED LOAD	
Height for Rated Load*		POUNDS	KILOGRAMS
IMPERIAL	METRIC		
5'-6"	1676 mm	30000	13605
6'-0"	1829 mm	28650	12993
6'-6"	1981 mm	28200	12789
7'-0"	2134 mm	27900	12653

\*Rated load is for the assembly as shown above

# Compliance & Standards

Designed to meet OSHA requirements for overhead scaffold support, ensuring safe operation in confined space environments.



6059 South Loop East  
Houston TX 77087  
713-673-7701  
info@directtank.com  
directtank.com

## About DirectTank

DirectTank Environmental Products supplies advanced sealing systems and emission control solutions for aboveground storage tanks. Backed by decades of industry expertise, DirectTank delivers reliable engineering solutions designed to improve environmental performance, operational safety, and long-term asset reliability.