



## QUICK DRAW BOTTOM SUMP



Optimizing financial performance is key in aboveground storage tank operations. One very effective way to optimize tank performance is to reduce 'heel' volume. HMT's Quick Draw Bottom Sump considerably increases usable tank capacity and reduces heel, enabling tank owners to utilize previously stranded inventory.

The HMT Quick Draw Bottom Sump can be installed in new or existing tanks and is one of many solutions HMT offers to optimize tank working capacity.

For a tank optimization solution that reduces heel, increases working capacity and has a rapid return on investment, choose the HMT Quick Draw Bottom Sump.

### Key benefits:

The HMT Quick Draw Bottom Sump can help improve aboveground storage tank working capacity. Here's how:

**Reduce heel; increase usable tank capacity** — the HMT Quick Draw bottom sump allows access to stranded inventory, optimizing tank working capacity

**Rapid return on investment** — in most cases, the investment to equip a tank with the Quick Draw Bottom Sump is returned on the first tank cycle via increased capacity and usable inventory

**Allows for rapid filling and emptying** — unique sloped design allows for expedited tank filling and emptying

### Key design features:

- Custom designed for specific operational needs of each tank
- All tank inlet and outlet connections and water draw-off connections are located beneath the level of the tank bottom
- Piping routed under tank bottom to the exterior of the tank where it can be tied into applicable lines
- Can be installed in new or existing tanks with single or double bottom construction
- Provides a drain dry feature in cases of eccentrically sloped bottoms

## THE HMT QUICK DRAW BOTTOM SUMP DESIGN

HMT's Quick Draw Bottom Sump optimizes tank working capacity. Here's how:

### 1. Designed to drain from beneath the tank floor

With the HMT Quick Draw Bottom Sump installed beneath the tank bottom, the roof can be lowered as low as 6". The increase in tank capacity realized equates to increased inventory utilization on every tank cycle.

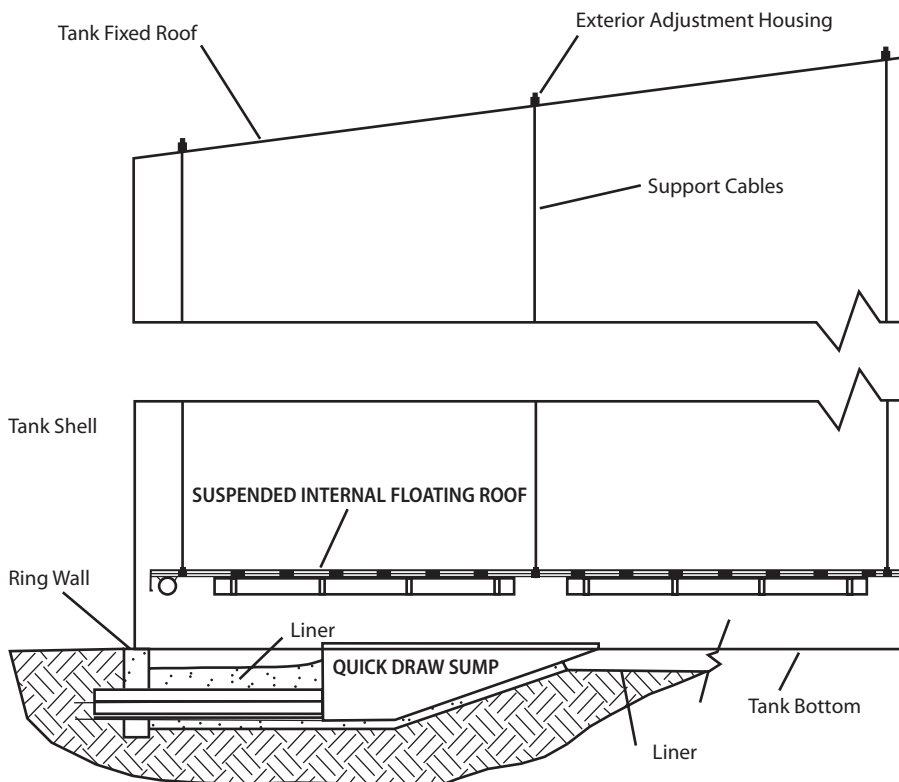
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### 2. Install on new or existing tanks

The HMT Quick Draw Bottom Sump is custom designed for each tank and can be installed on new or existing tanks with both single and double bottoms.

### 3. Rapid return on investment

The HMT Quick Draw Bottom Sump considerably reduces the "low" roof position. A typical minimum low leg height for a floating roof is 3'6". The Quick Draw Bottom Sump allows the height to be reduced to as low as 6". On a 100' tank, that equates to approximately 4,200 barrels in increased tank capacity and reduction in stranded inventory on every cycle.



## ABOUT HMT

HMT is the global leader in aboveground storage tank solutions. HMT's global team of engineers, project managers and field personnel can assist with common challenges including ways to reduce emissions, optimize tank capacity, reduce stranded inventory and engineer a tank system that exceeds safety standards and extends maintenance intervals.

**HMT's full suite of tank products includes:** External Seal Systems - Internal Seal Systems - Drain and Floating Suction Systems - Geodesic Domes - Skin and Pontoon IFRs - Full Contact IFRs - Emissions Reduction Devices

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