



**HEATEC**

# Calibration Tanks

**H**EATEC CALIBRATION TANKS ARE FOR calibrating the liquid asphalt metering system of a drum mix asphalt plant. They save considerable time and money.

The tanks are available in two styles: vertical, and horizontal. Portable versions of the horizontal tank are also available. The choice among styles is mostly a matter of personal preference.

## Efficiency is a concern

Using a calibration tank is far more efficient than using a distributor truck, a common practice in the industry. Efficiency becomes significant when calibration must be done frequently. It wasn't so bad when you only had to calibrate every month or two. But now some states require it every week.

## The inefficient way

Just compare using a truck with using calibration tanks. Here's what you have to do when using a truck to calibrate your metering system:

1. Get an empty asphalt distributor truck. Drive it across a truck scale, record its weight, and then drive it to your plant.
2. Connect the truck to your asphalt tank.
3. Pump one or two thousand gallons of asphalt into the truck as indicated by the metering system. Disconnect the lines.
4. Drive the truck back across the weigh scale and record its weight.
5. Subtract the truck's empty weight from its loaded weight. Adjust your metering system readouts to agree with the calculated weight.
6. Reconnect the truck to the asphalt tank and pump the asphalt back into the tank.
7. Repeat the whole process again. And again.



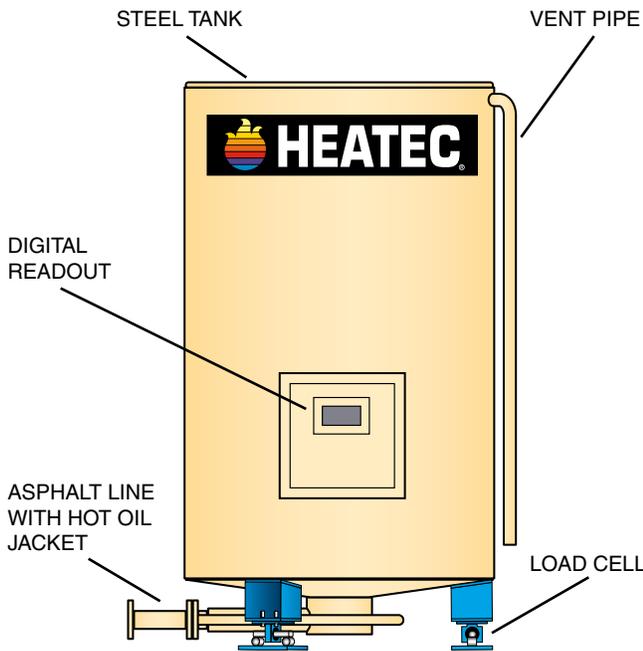
Heatec portable calibration tank is permanently trailer-mounted.



Calibration tank mounted on a skid with metering package and hot oil heater.

## The efficient way

Heatec calibration tanks provide an efficient way to calibrate asphalt metering systems. They have built-in load cells and a digital readout. The load cells are highly accurate. They are factory calibrated and furnished with a calibration certificate. The system provides a higher degree of accuracy than using a truck scale.



Once the calibration tank is installed, there is no need to connect and disconnect asphalt lines each time the system is calibrated. Here's all you have to do using a Heatec calibration tank:

1. Open the valves to the calibration tank and pump about 1000 gallons of AC into the calibration tank as indicated by the asphalt metering system.
2. Note the weight shown on the readout of the calibration tank.
3. Adjust the metering system to agree with the weight shown on the readout. Switch the valves, then pump the AC back into the AC tank.
4. Repeat as many times as necessary.



Horizontal calibration tank mounted on the rear frame extension of a Heatec Heli-Tank™ portable asphalt tank.

## Calibration Tanks

	Vertical	Horizontal
Capacity (gallons)	1,184	1,193
Dry Weight (pounds)	1,938	2,950
Height (inches)	111	75
Width (inches)	68	61
Length (inches) *	—	118
Load Cells	3	2
Readout	LED	LED
Heated Lines	yes	yes

\* Add 12 inches if control panel is mounted on the tank

## It's worthwhile

You can run three cycles with the calibration tank in less time than it takes for one cycle with a distributor truck. You may save two or three hours every time you calibrate. Maybe more. And don't forget about improved accuracy. In any case, the savings in time and money is more than worthwhile.

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