

ASPHALT STORAGE TANKS





Acterra Group offers a line of vertical asphalt storage tanks. Our tanks have features keeping heat loss to a minimum—at a reasonable cost. Tanks are built to order and can be configured to suit your exact needs. Many options are available, including the components for mixing. Tank options:

- **Vertical and horizontal tanks** - Vertical tanks minimize oxidation of the PMAC (polymer-modified asphalt cement) because the surface area of the asphalt in contact with air inside the tank is much smaller than in horizontal tanks. Another advantage of a vertical tank is the minimal ground area it occupies. Vertical tanks have smaller footprints than horizontal tanks. You can put four vertical tanks in the ground space occupied by a single horizontal tank. If space is not an issue horizontal tanks can be constructed. Liquid AC, fuel oil, and other heavy oils are normally stored in horizontal tanks.
- **Insulation** - We fully insulate tank surfaces with fiberglass insulation.
- **Overflow protection** - Our vertical tanks offer protection against accidental overflow. A proximity switch mounted atop the tank can be wired to automatically shut off the unloading pump. The switch is activated magnetically by a short pipe attached to a float. It will automatically shut off power to the unloading pump when the asphalt lifts the float to a predetermined level. An optional gauge board or radar level sensor can be used as the primary shutoff control so the proximity switch becomes a backup.
- **Heating Coils** – Liquid asphalt in the tank is heated by hot oil flowing through the coils
- **Internal bulkheads** - They divide the tank into compartments, which can be used for different ACs, heavy fuel and additives. Bulkheads are double-walled, insulated and can be placed to divide the tank into a variety of sizes.
- **Heater option** - The tanks are compatible with virtually any hot oil heater. As an option, these heaters can be installed on an extension to the tank.
- **Unloading pump option** - An optional pump, motor, and strainer system unloads AC tankers. The system can be piped so it also unloads the tank.
- **Mixer options** - Mixers can be factory-installed in new tanks.
- **Other options** - Other options include radar level gauges, metering package, gauge boards, chart recorders, ball-joint piping (for relocatable plants), high-low AC level alarm, fume condensers, air-operated valves, and more.