

## Fuel Tanks for Forklift

Forklift Fuel Tank - Most fuel tanks are fabricated; however some fuel tanks are fabricated by experienced craftspeople. Restored tanks or custom tanks can be used on automotive, tractors, motorcycles and aircraft.

When constructing fuel tanks, there are a series of requirements that must be followed. Primarily, the tanks craftsman would create a mockup to be able to know the dimensions of the tank. This is usually performed utilizing foam board. Next, design issues are handled, including where the outlets, seams, drain, baffles and fluid level indicator will go. The craftsman needs to find out the alloy, temper and thickness of the metallic sheet he would utilize to construct the tank. Once the metal sheet is cut into the shapes required, lots of parts are bent in order to create the basic shell and or the baffles and ends used for the fuel tank.

In racecars and aircraft, the baffles have "lightening" holes, which are flanged holes which provide strength to the baffles, while also reducing the tank's weight. Openings are added toward the ends of construction for the fuel pickup, the filler neck, the fluid-level sending unit and the drain. Sometimes these holes are added as soon as the fabrication process is done, other times they are created on the flat shell.

After that, the baffles and ends could be riveted into position. The rivet heads are often brazed or soldered to be able to prevent tank leaks. Ends could next be hemmed in and flanged and brazed, or soldered, or sealed utilizing an epoxy type of sealant, or the ends could likewise be flanged and next welded. After the brazing, welding and soldering has been finished, the fuel tank is tested for leaks.