

## Fuel Tanks for Forklift

Forklift Fuel Tank - Nearly all fuel tanks are manufactured; nonetheless several fuel tanks are made by trained craftsmen. Custom tanks or restored tanks can be utilized on motorcycles, aircraft, automotive and tractors.

When constructing fuel tanks, there are a series of requirements that ought to be followed. Primarily, the tanks craftsman will make a mockup so as to know the dimensions of the tank. This is usually done out of foam board. Then, design problems are dealt with, consisting of where the drain, outlet, seams, baffles and fluid level indicator will go. The craftsman has to know the alloy, temper and thickness of the metal sheet he would utilize to be able to construct the tank. When the metal sheet is cut into the shapes required, numerous pieces are bent so as to create the basic shell and or the ends and baffles used for the fuel tank.

In aircraft and racecars, the baffles have "lightening" holes, which are flanged holes that provide strength to the baffles, while also reducing the tank's weight. Openings are added toward the ends of construction for the filler neck, the fluid-level sending unit, the drain and the fuel pickup. Every so often these holes are added when the fabrication method is complete, other times they are made on the flat shell.

Then, the ends and baffles can be riveted into position. The rivet heads are frequently soldered or brazed so as to stop tank leaks. Ends could afterward be hemmed in and flanged and brazed, or soldered, or sealed utilizing an epoxy type of sealant, or the ends could also be flanged and then welded. After the soldering, brazing and welding has been done, the fuel tank is tested for leaks.