## Fuel Tank for Forklift

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

There are a series of specific requirements to be followed when constructing fuel tanks. Commonly, the craftsman sets up a mockup so as to determine the correct size and shape of the tank. This is usually performed making use of foam board. After that, design issues are handled, including where the outlets, seams, drain, baffles and fluid level indicator would go. The craftsman should find out the alloy, thickness and temper of the metallic sheet he would use to make the tank. Once the metal sheet is cut into the shapes required, many pieces are bent in order to make the basic shell and or the ends and baffles utilized for the fuel tank.

Many baffles in racecars and aircraft have "lightening" holes. These flanged holes have two purposes. They reduce the weight of the tank while adding weight to the baffles. Openings are added toward the ends of construction for the drain, the fuel pickup, the filler neck and the fluid-level sending unit. Occasionally these holes are added as soon as the fabrication process is complete, other times they are created on the flat shell.

Afterward, the ends and baffles could be riveted into place. The rivet heads are often soldered or brazed so as to avoid tank leaks. Ends could after that be hemmed in and flanged and sealed, or brazed, or soldered making use of an epoxy type of sealant, or the ends could even be flanged and next welded. After the brazing, welding and soldering has been done, the fuel tank is checked for leaks.