

## Fuel Tanks for Forklift

Forklift Fuel Tank - Some fuel tanks are made by skilled metal craftsmen, even though most tanks are built. Restoration and custom tanks can be utilized on aircraft, automotive, tractors and motorcycles.

When constructing fuel tanks, there are a series of requirements which must be followed. Initially, the tanks craftsman will make a mockup to be able to find out the dimensions of the tank. This is normally done from foam board. Next, design issues are handled, consisting of where the outlets, seams, drain, baffles and fluid level indicator will go. The craftsman has to find out the alloy, temper and thickness of the metallic sheet he would use to construct the tank. When the metal sheet is cut into the shapes required, numerous pieces are bent in order to create the basic shell and or the ends and baffles utilized for the fuel tank.

Various baffles in racecars and aircraft hold "lightening" holes. These flanged holes have two purposes. They add strength to the baffles while reducing the weight of the tank. Openings are added toward the ends of construction for the fluid-level sending unit, the drain, the fuel pickup and the filler neck. At times these holes are added as soon as the fabrication method is finish, other times they are made on the flat shell.

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