

## Fuel Tank for Forklift

Forklift Fuel Tank - Several fuel tanks are made by experienced metal craftspeople, although most tanks are built. Restoration and custom tanks could be found on motorcycles, aircraft, automotive and tractors.

There are a series of specific requirements to be followed when making fuel tanks. Usually, the craftsman sets up a mockup to be able to determine the exact shape and size of the tank. This is normally performed using foam board. Next, design problems are addressed, consisting of where the outlets, seams, drain, baffles and fluid level indicator will go. The craftsman must find out the alloy, thickness and temper of the metal sheet he will utilize to construct the tank. As soon as the metal sheet is cut into the shapes needed, lots of parts are bent in order to create the basic shell and or the baffles and ends utilized for the fuel tank.

Numerous baffles in racecars and aircraft contain "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 fuel pickup, the filler neck, the fluid-level sending unit and the drain. Occasionally these holes are added once the fabrication process is finish, other times they are made on the flat shell.

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