Forklift Fuel Tank

Fuel Tank for Forklift - Various fuel tanks are made by expert metal craftspeople, though the majority of tanks are fabricated. Restoration and custom tanks can be used on motorcycles, aircraft, automotive and tractors.

When constructing fuel tanks, there are a series of requirements that should be followed. Primarily, the tanks craftsman will make a mockup so as to know the dimensions of the tank. This is usually performed making use of foam board. Next, design concerns are addressed, comprising where the outlets, seams, drain, baffles and fluid level indicator would go. The craftsman must know the alloy, thickness and temper of the metal sheet he would make use of so as to construct the tank. Once the metal sheet is cut into the shapes required, numerous parts are bent in order to make the basic shell and or the baffles and ends utilized for the fuel tank.

Numerous baffles in aircraft and racecars hold "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 fuel pickup, the filler neck, the fluid-level sending unit and the drain. Every now and then these holes are added as soon as the fabrication process is complete, other times they are created on the flat shell.

After that, the ends and baffles could be riveted into position. The rivet heads are normally soldered or brazed to be able to avoid tank leaks. Ends could then be hemmed in and flanged and sealed, or brazed, or soldered using an epoxy type of sealant, or the ends can even be flanged and after that welded. After the soldering, brazing and welding has been finished, the fuel tank is checked for leaks.