

Water Pump for Forklift

Forklift Water Pump - The water pump is connected to the crankshaft of the engine. It is a simple centrifugal pump that is driven by a belt which is connected to the crankshaft. When the engine is running, the pump circulates fluid.

The water pump makes use of centrifugal force in order to send water to the outside as it spins. This action causes fluid to be constantly drawn from the center of the pump. The pump inlet is situated close to the center. This design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically positioned to fling the fluid outside of the pump so it goes in the engine.

The fluid which is going out of the pump primarily flows through the engine block and cylinder head. Then the fluid goes into the radiator and lastly circulates back to the pump.