

## Water Pump for Forklift

Water Pump for Forklifts - The water pump is attached to the crankshaft of the engine. It is a simple centrifugal pump which is driven by a belt which is attached to the crankshaft. If the engine is running, fluid is circulated by the pump.

The water pump uses centrifugal force to send water to the outside as it spins. This action causes fluid to be continuously drawn from the center of the pump. The pump inlet is positioned near the center. This design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically located so as to fling the fluid outside of the pump so it goes in the engine.

The fluid that is exiting the pump firstly flows through the cylinder head and engine block. The fluid then goes into the radiator and lastly circulates back to the pump.