

## Water Pump for Forklifts

Water Pumps for Forklift - The water pump is attached to the crankshaft of the engine. It is a basic centrifugal pump which is driven by a belt that is connected to the crankshaft. If the engine is running, the pump circulates fluid.

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

The fluid primarily flows through the engine block and cylinder head previous to going out of the pump. The fluid then goes into the radiator before finally returning to the pump.