

## Forklift Water Pump

Water Pumps for Forklifts - The water pump is attached to the engine's crankshaft. 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 utilizes centrifugal force in order to send water to the outside as it rotates. This action causes fluid to be continuously drawn from the center of the pump. The pump inlet is placed close to the center. This particular design allows fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically placed in order to fling the fluid outside of the pump so it goes in the engine.

The fluid that is going out of the pump firstly flows through the engine block and cylinder head. The fluid then goes into the radiator and finally circulates back to the pump.