

## Water Pump for Forklifts

Forklift Water Pump - The water pump is connected to the engine's crankshaft. 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 makes use of centrifugal force to send water to the outside while it spins. This action causes fluid to be constantly drawn from the pump's center. The pump inlet is positioned close to the center. This design allows fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically placed to fling the fluid outside of the pump so it goes in the engine.

The fluid primarily flows through the cylinder head and engine block previous to going out of the pump. The fluid then works its way into the radiator before lastly coming back to the pump.