

## Water Pumps for Forklifts

Water Pumps for Forklifts - The water pump is attached to the engine's crankshaft. It is a basic centrifugal pump which is driven by a belt that is connected to the crankshaft. When the engine is running, fluid is circulated by the pump.

The water pump uses 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 positioned near the center. This particular design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically located to be able to fling the fluid outside of the pump so it enters the engine.

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