

## Water Pumps for Forklifts

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

The water pump makes use of centrifugal force so as 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 located close to the center. This design allows fluid returning 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 goes in the engine.

The fluid firstly flows throughout the engine block and cylinder head prior to going out of the pump. Then the fluid works its way into the radiator before lastly coming back to the pump.