

## Water Pump for Forklift

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

The water pump uses centrifugal force to be able to send water to the outside as it rotates. This action causes fluid to be constantly drawn from the pump's center. The pump inlet is positioned near the center. This particular design allows fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically positioned to be able 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 prior to going out of the pump. The fluid then goes into the radiator before lastly returning to the pump.