

## Water Pumps for Forklifts

Forklift Water Pump - The water pump is connected to the crankshaft of the engine. It is a basic centrifugal pump that is driven by a belt which is connected to the crankshaft. Whenever the engine is running, the pump circulates fluid.

Making use of centrifugal force, the water pump sends water to the outside as it turns causing the fluid to be continually drawn from the center of the pump. The pump inlet is located near the center. This design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically positioned to fling the fluid outside of the pump so it goes in the engine.

The fluid which is going out of the pump primarily flows through the engine block and cylinder head. Then the fluid goes into the radiator and lastly circulates back to the pump.