

## Forklift Water Pump

Water Pump for Forklifts - Connected to the crankshaft of the engine; the water pump is a simple centrifugal pump that is driven by a belt. Fluid is circulated by the pump when the engine is running.

The water pump makes use of centrifugal force to send water to the outside while it turns. This action causes fluid to be continuously drawn from the center of the pump. The pump inlet is positioned near the center. This design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically located to fling the fluid outside of the pump so it enters the engine.

The fluid which is going out of the pump initially flows throughout the engine block and cylinder head. The fluid then travels into the radiator and lastly circulates back to the pump.