

## Water Pumps for Forklifts

Forklift Water Pumps - Connected to the engine's crankshaft; the water pump is a basic centrifugal pump which is driven by a belt. Fluid is circulated by the pump whenever the engine is running.

The water pump makes use of centrifugal force so as to send water to the outside as it turns. This action causes fluid to be continuously drawn from the center of the pump. The pump inlet is located near the center. This design allows fluid returning 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 that is exiting the pump primarily flows through the engine block and cylinder head. Then the fluid travels into the radiator and finally circulates back to the pump.