

## Water Pumps for Forklifts

Forklift Water Pump - The water pump is attached to the engine's crankshaft. It is a simple centrifugal pump which is driven by a belt that is attached to the crankshaft. Whenever the engine is running, fluid is circulated by the pump.

The water pump makes use of centrifugal force to be able to send water to the outside while it turns. This action causes fluid to be constantly drawn from the pump's center. The pump inlet is located near the center. This design allows fluid coming back 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 enters the engine.

The fluid initially flows throughout the cylinder head and engine block previous to going out of the pump. Then the fluid travels into the radiator before finally coming back to the pump.