

## Water Pumps for Forklifts

Forklift Water Pump - The water pump is attached to the crankshaft of the engine. It is a basic centrifugal pump which is driven by a belt which is attached to the crankshaft. When the engine is running, fluid is circulated by the pump.

The water pump makes use of centrifugal force 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 placed 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 enters the engine.

The fluid initially flows throughout the engine block and cylinder head before going out of the pump. Then the fluid works its way into the radiator before lastly coming back to the pump.