

## 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 that is connected to the crankshaft. Whenever the engine is running, fluid is circulated by the pump.

The water pump uses centrifugal force so as to send water to the outside while it rotates. This action causes fluid to be constantly drawn from the center of the pump. The pump inlet is placed close to the center. This particular design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically located in order to fling the fluid outside of the pump so it goes in the engine.

The fluid that is going out of the pump initially flows throughout the cylinder head and engine block. The fluid then goes into the radiator and finally circulates back to the pump.