

## Water Pump for Forklifts

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

The water pump uses centrifugal force so as to send water to the outside while it spins. This action causes fluid to be continuously drawn from the pump's center. The pump inlet is positioned near the center. This particular design allows 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 primarily flows throughout the cylinder head and engine block before going out of the pump. Then the fluid goes into the radiator before finally returning to the pump.