

## Forklift Water Pumps

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 that is attached to the crankshaft. When the engine is running, the pump circulates fluid.

Making use of centrifugal force, the water pump sends water to the outside while it spins causing the fluid to be constantly drawn from the center of the pump. The pump inlet is placed near the center. This design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically positioned to fling the fluid outside of the pump so it goes in the engine.

The fluid that is exiting the pump initially flows throughout the engine block and cylinder head. Then the fluid goes into the radiator and lastly circulates back to the pump.