

## Forklift Water Pumps

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

The water pump makes use of centrifugal force in order to send water to the outside as it turns. This action causes fluid to be continuously drawn from the pump's center. The pump inlet is located near the center. This particular design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically positioned to fling the fluid outside of the pump so it enters the engine.

The fluid that is going out of the pump initially flows through the cylinder head and engine block. Then the fluid travels into the radiator and finally circulates back to the pump.