

## Water Pump for Forklift

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

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

The fluid which is exiting the pump primarily flows through the engine block and cylinder head. Then the fluid travels into the radiator and finally circulates back to the pump.