

## Forklift Water Pump

Water Pump for Forklifts - The water pump is connected to the crankshaft of the engine. It is a simple centrifugal pump that is driven by a belt that is attached to the crankshaft. Whenever the engine is running, fluid is circulated by the pump.

The water pump makes use of centrifugal force to send water to the outside while it turns. This action causes fluid to be continuously drawn from the center of the pump. The pump inlet is situated near the center. This particular 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 enters the engine.

The fluid which is exiting the pump firstly flows throughout the cylinder head and engine block. The fluid then travels into the radiator and finally circulates back to the pump.