

## Water Pump for Forklifts

Water Pump for Forklifts - The water pump is attached to the crankshaft of the engine. It is a basic centrifugal pump that is driven by a belt which 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 as it spins causing the fluid to be continually drawn from the pumps center. The pump inlet is positioned near the center. This design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically positioned to be able to fling the fluid outside of the pump so it goes in the engine.

The fluid firstly flows throughout the engine block and cylinder head previous to exiting the pump. The fluid then travels into the radiator before finally returning to the pump.