

## Water Pump for Forklift

Forklift Water Pumps - 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 connected to the crankshaft. When the engine is running, fluid is circulated by the pump.

Using centrifugal force, the water pump sends water to the outside as it rotates causing the fluid to be constantly drawn from the center of the pump. The pump inlet is located near the center. This particular design allows fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically placed to be able to fling the fluid outside of the pump so it goes in the engine.

The fluid primarily flows through the engine block and cylinder head previous to going out of the pump. The fluid then goes into the radiator before lastly coming back to the pump.