

## Water Pumps for Forklift

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

The water pump uses centrifugal force in order to send water to the outside as it spins. This action causes fluid to be continuously drawn from the center of the pump. The pump inlet is placed close to the center. This particular design allows fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically placed in order to fling the fluid outside of the pump so it enters the engine.

The fluid firstly flows throughout the cylinder head and engine block previous to exiting the pump. Then the fluid travels into the radiator before lastly coming back to the pump.