

## Water Pump for Forklifts

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

Using centrifugal force, the water pump sends water to the outside while it spins causing the fluid to be constantly drawn from the pumps center. The pump inlet is situated close to the center. This particular design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically located to fling the fluid outside of the pump so it enters the engine.

The fluid firstly flows through the cylinder head and engine block previous to going out of the pump. Then the fluid goes into the radiator before finally coming back to the pump.