

## Water Pumps for Forklift

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

Making use of centrifugal force, the water pump sends water to the outside while it turns causing the fluid to be constantly drawn from the center of the pump. The pump inlet is positioned near the center. This particular design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically placed to fling the fluid outside of the pump so it enters the engine.

The fluid initially flows through the engine block and cylinder head previous to exiting the pump. Then the fluid travels into the radiator before lastly returning to the pump.