

## Water Pumps for Forklift

Forklift Water Pump - The water pump is connected to the crankshaft of the engine. It is a basic centrifugal pump that is driven by a belt which is connected 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 while 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 coming back from the radiator to hit the pump vanes. The pump vanes are strategically positioned to fling the fluid outside of the pump so it enters the engine.

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