

Water Pumps for Forklifts

Forklift Water Pump - Connected to the crankshaft of the engine; the water pump is a simple centrifugal pump that is driven by a belt. Fluid is circulated by the pump when the engine is running.

The water pump utilizes centrifugal force in order to send water to the outside while it rotates. This action causes fluid to be continuously drawn from the center of the pump. The pump inlet is positioned near the center. This particular design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically positioned to fling the fluid outside of the pump so it goes in the engine.

The fluid firstly flows through the engine block and cylinder head before exiting the pump. The fluid then works its way into the radiator before lastly returning to the pump.