

Water Pumps for Forklifts

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

Using centrifugal force, the water pump sends water to the outside while it rotates causing the fluid to be continually drawn from the pumps center. The pump inlet is situated near the center. This design enables 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 primarily flows through the engine block and cylinder head before exiting the pump. Then the fluid works its way into the radiator before finally coming back to the pump.