

Water Pump for Forklifts

Water Pumps for Forklifts - Attached to the engine's crankshaft; the water pump is a basic centrifugal pump that is driven by a belt. Fluid is circulated by the pump whenever the engine is running.

The water pump uses centrifugal force to be able to send water to the outside as it spins. This action causes fluid to be continuously drawn from the center of the pump. The pump inlet is located near the center. This particular design allows 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 enters the engine.

The fluid firstly flows throughout the cylinder head and engine block prior to exiting the pump. The fluid then works its way into the radiator before finally coming back to the pump.