

Forklift Water Pump

Water Pumps for Forklifts - The water pump is connected to the crankshaft of the engine. It is a basic centrifugal pump which is driven by a belt which is connected to the crankshaft. Whenever the engine is running, fluid is circulated by the pump.

The water pump utilizes centrifugal force so as to send water to the outside while it spins. This action causes fluid to be continuously drawn from the center of the pump. The pump inlet is situated 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 enters the engine.

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