

Forklift Water Pumps

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. Whenever the engine is running, fluid is circulated by the pump.

Utilizing centrifugal force, the water pump sends water to the outside as it spins causing the fluid to be continually drawn from the pump's center. The pump inlet is positioned near the center. This design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically positioned in order to fling the fluid outside of the pump so it enters the engine.

The fluid initially flows throughout the engine block and cylinder head prior to going out of the pump. Then the fluid works its way into the radiator before finally coming back to the pump.