

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 if the engine is running.

The water pump uses centrifugal force to send water to the outside as it rotates. This action causes fluid to be continuously drawn from the center of the pump. The pump inlet is located near the center. This design allows fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically positioned to be able to fling the fluid outside of the pump so it goes in the engine.

The fluid initially flows throughout the cylinder head and engine block prior to going out of the pump. The fluid then travels into the radiator before lastly returning to the pump.