

Water Pump for Forklifts

Water Pump for Forklifts - Connected to the crankshaft of the engine; 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.

Using centrifugal force, the water pump sends water to the outside while it spins causing the fluid to be constantly drawn from the pumps center. The pump inlet is located near the center. This design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically placed in order to fling the fluid outside of the pump so it goes in the engine.

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