

Water Pump for Forklift

Water Pump for Forklifts - The water pump is attached to the engine's crankshaft. 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 center of the pump. The pump inlet is located close to the center. This design allows fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically positioned so as to fling the fluid outside of the pump so it goes in the engine.

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