

Water Pumps for Forklift

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

The water pump utilizes centrifugal force to be able to send water to the outside as it rotates. This action causes fluid to be continuously drawn from the pump's center. The pump inlet is located close to the center. This design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically placed to fling the fluid outside of the pump so it goes in the engine.

The fluid firstly flows through the engine block and cylinder head previous to going out of the pump. The fluid then goes into the radiator before lastly coming back to the pump.