

Water Pumps for Forklift

Water Pump for Forklifts - Connected to the engine's crankshaft; the water pump is a simple centrifugal pump which is driven by a belt. Fluid is circulated by the pump whenever the engine is running.

The water pump makes use of centrifugal force in order to send water to the outside as it turns. This action causes fluid to be constantly drawn from the center of the pump. The pump inlet is positioned close to the center. This design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically located to fling the fluid outside of the pump so it goes in the engine.

The fluid which is exiting the pump firstly flows through the engine block and cylinder head. Then the fluid travels into the radiator and finally circulates back to the pump.