

Water Pump for Forklift

Water Pumps for Forklifts - The water pump is attached to the engine's crankshaft. It is a simple centrifugal pump which is driven by a belt which is attached to the crankshaft. Whenever the engine is running, fluid is circulated by the pump.

Using centrifugal force, the water pump sends water to the outside as it turns causing the fluid to be continually drawn from the center of the pump. The pump inlet is positioned near the center. This particular 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 which is going out of the pump initially flows throughout the engine block and cylinder head. The fluid then goes into the radiator and lastly circulates back to the pump.