

Forklift Water Pump

Water Pumps for Forklifts - Attached 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 uses centrifugal force to send water to the outside while it turns. This action causes fluid to be continuously drawn from the center of the pump. The pump inlet is situated near the center. This design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically located to be able to fling the fluid outside of the pump so it enters the engine.

The fluid which is going out of the pump initially flows through the engine block and cylinder head. Then the fluid travels into the radiator and finally circulates back to the pump.