

Water Pumps for Forklift

Water Pump for Forklifts - Connected to the crankshaft of the engine; the water pump is a basic centrifugal pump that is driven by a belt. Fluid is circulated by the pump when the engine is running.

The water pump uses centrifugal force to send water to the outside while it spins. This action causes fluid to be constantly drawn from the pump's center. The pump inlet is placed near the center. This design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically located so as to fling the fluid outside of the pump so it enters the engine.

The fluid initially flows through the cylinder head and engine block previous to going out of the pump. Then the fluid works its way into the radiator before finally coming back to the pump.