

Water Pump for Forklifts

Water Pumps for Forklift - Attached to the crankshaft of the engine; the water pump is a basic centrifugal pump which is driven by a belt. Fluid is circulated by the pump if the engine is running.

The water pump uses centrifugal force in order to send water to the outside as it spins. This action causes fluid to be continuously drawn from the center of the pump. The pump inlet is placed near the center. This particular design allows fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically placed so as to fling the fluid outside of the pump so it enters the engine.

The fluid firstly flows through the engine block and cylinder head previous to going out of the pump. The fluid then travels into the radiator before finally returning to the pump.