

Forklift Water Pumps

Water Pump for Forklift - 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 if the engine is running.

The water pump utilizes centrifugal force to be able 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 situated close to the center. This design allows fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically positioned 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. The fluid then goes into the radiator and lastly circulates back to the pump.