

Water Pumps for Forklift

Forklift Water Pump - Connected to the engine's crankshaft; the water pump is a basic centrifugal pump which is driven by a belt. Fluid is circulated by the pump when the engine is running.

The water pump utilizes centrifugal force in order to send water to the outside while it spins. This action causes fluid to be continuously drawn from the center of the pump. The pump inlet is positioned near the center. This design allows fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically located 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. Then the fluid goes into the radiator and finally circulates back to the pump.