

Water Pump for Forklift

Forklift Water Pumps - 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.

Making use of centrifugal force, the water pump sends water to the outside while it spins causing the fluid to be continually drawn from the center of the pump. The pump inlet is placed near the center. This particular design enables 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. Then the fluid travels into the radiator and lastly circulates back to the pump.