

Water Pump for Forklifts

Forklift Water Pump - Attached to the engine's crankshaft; the water pump is a basic centrifugal pump that is driven by a belt. The pump then circulates fluid if the engine is running.

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

The fluid that is going out of the pump firstly flows throughout the cylinder head and engine block. The fluid then travels into the radiator and lastly circulates back to the pump.