

Water Pump for Forklifts

Forklift Water Pump - Connected to the engine's crankshaft; the water pump is a basic centrifugal pump which is driven by a belt. The pump then circulates fluid when 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 continuously drawn from the center of the pump. The pump inlet is located near the center. This particular design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically placed to be able to fling the fluid outside of the pump so it goes in the engine.

The fluid firstly flows through the cylinder head and engine block prior to going out of the pump. The fluid then goes into the radiator before lastly coming back to the pump.