

Forklift Water Pump

Forklift Water Pump - The water pump is attached to the crankshaft of the engine. It is a basic centrifugal pump which is driven by a belt which is connected to the crankshaft. If the engine is running, fluid is circulated by the pump.

The water pump uses centrifugal force in order to send water to the outside while it turns. This action causes fluid to be constantly drawn from the pump's center. The pump inlet is positioned 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 goes in the engine.

The fluid which is going out of the pump primarily flows through the engine block and cylinder head. The fluid then travels into the radiator and lastly circulates back to the pump.