

Water Pump for Forklift

Water Pumps for Forklift - The water pump is attached to the engine's crankshaft. It is a simple centrifugal pump which is driven by a belt which is connected to the crankshaft. If the engine is running, the pump circulates fluid.

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 center of the pump. The pump inlet is positioned near the center. This design enables 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 primarily flows through the engine block and cylinder head. The fluid then travels into the radiator and finally circulates back to the pump.