

Water Pumps for Forklift

Water Pump for Forklifts - The water pump is connected to the engine's crankshaft. It is a basic centrifugal pump which is driven by a belt that is attached to the crankshaft. When the engine is running, fluid is circulated by the pump.

The water pump uses centrifugal force to be able to send water to the outside as it turns. This action causes fluid to be continuously 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 positioned to fling the fluid outside of the pump so it enters the engine.

The fluid which is going out of the pump primarily flows through the engine block and cylinder head. Then the fluid goes into the radiator and finally circulates back to the pump.