

Water Pump for Forklifts

Forklift Water Pump - Connected to the crankshaft of the engine; the water pump is a simple centrifugal pump that is driven by a belt. Fluid is circulated by the pump whenever the engine is running.

The water pump makes use of centrifugal force to be able to send water to the outside as it rotates. This action causes fluid to be constantly drawn from the center of the pump. The pump inlet is situated close to the center. This design allows 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 goes in the engine.

The fluid that is exiting the pump primarily flows throughout the engine block and cylinder head. Then the fluid goes into the radiator and lastly circulates back to the pump.