

Water Pumps for Forklift

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, the pump circulates fluid.

The water pump utilizes centrifugal force to send water to the outside as it rotates. This action causes fluid to be constantly drawn from the pump's center. The pump inlet is located close to the center. This design enables fluid returning 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 exiting the pump primarily flows through the engine block and cylinder head. Then the fluid goes into the radiator and lastly circulates back to the pump.