

Water Pump for Forklift

Water Pumps for Forklifts - The water pump is connected to the crankshaft of the engine. It is a simple centrifugal pump which is driven by a belt which is connected to the crankshaft. When the engine is running, the pump circulates fluid.

The water pump makes use of centrifugal force so as to send water to the outside as it spins. This action causes fluid to be continuously drawn from the pump's center. The pump inlet is situated close to the center. This design allows fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically placed in order to fling the fluid outside of the pump so it goes in the engine.

The fluid initially flows through the engine block and cylinder head before exiting the pump. Then the fluid goes into the radiator before finally coming back to the pump.