

Water Pump for Forklifts

Water Pumps for Forklifts - Attached to the crankshaft of the engine; the water pump is a basic centrifugal pump that is driven by a belt. The pump then circulates fluid when the engine is running.

The water pump utilizes centrifugal force in order to send water to the outside while it spins. This action causes fluid to be continuously 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 located in order to fling the fluid outside of the pump so it enters the engine.

The fluid firstly flows through the engine block and cylinder head before going out of the pump. Then the fluid works its way into the radiator before finally coming back to the pump.