

Water Pumps for Forklifts

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

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 pump's center. The pump inlet is situated close to the center. This design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically located to fling the fluid outside of the pump so it goes in the engine.

The fluid initially flows throughout the cylinder head and engine block prior to going out of the pump. The fluid then goes into the radiator before finally coming back to the pump.