

Water Pumps for Forklifts

Forklift Water Pumps - The water pump is connected to the crankshaft of the engine. It is a basic centrifugal pump that is driven by a belt that is connected to the crankshaft. If the engine is running, fluid is circulated by the pump.

The water pump utilizes centrifugal force to be able 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 placed close to the center. This particular design enables 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 enters the engine.

The fluid which is exiting the pump primarily flows through the engine block and cylinder head. The fluid then travels into the radiator and lastly circulates back to the pump.