

Water Pumps for Forklifts

Water Pump for Forklifts - The water pump is connected to the engine's crankshaft. 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.

Utilizing centrifugal force, the water pump sends water to the outside while it turns causing the fluid to be continually drawn from the center of the pump. The pump inlet is situated near 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 firstly flows through the engine block and cylinder head. The fluid then travels into the radiator and finally circulates back to the pump.