

Water Pump for Forklifts

Water Pump for Forklifts - Connected to the crankshaft of the engine; the water pump is a simple centrifugal pump that is driven by a belt. Fluid is circulated by the pump if the engine is running.

Utilizing centrifugal force, the water pump sends water to the outside as it rotates causing the fluid to be continually drawn from the center of the pump. The pump inlet is located near the center. This particular design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically positioned so as to fling the fluid outside of the pump so it enters the engine.

The fluid that is exiting the pump primarily flows throughout the engine block and cylinder head. The fluid then goes into the radiator and finally circulates back to the pump.