

Water Pump for Forklifts

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

Utilizing centrifugal force, the water pump sends water to the outside as it rotates causing the fluid to be constantly drawn from the center of the pump. The pump inlet is located near the center. This particular design allows fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically positioned to fling the fluid outside of the pump so it goes in the engine.

The fluid that is exiting the pump primarily flows through the engine block and cylinder head. Then the fluid travels into the radiator and finally circulates back to the pump.