

Water Pump for Forklifts

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

Using centrifugal force, the water pump sends water to the outside while it rotates causing the fluid to be continually drawn from the center of the pump. The pump inlet is situated near the center. This design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically placed to fling the fluid outside of the pump so it goes in the engine.

The fluid which is going out of the pump initially flows throughout the engine block and cylinder head. Then the fluid travels into the radiator and lastly circulates back to the pump.