

Forklift Water Pump

Water Pump for Forklift - The water pump is attached to the crankshaft of the engine. It is a simple centrifugal pump that is driven by a belt which is connected to the crankshaft. Whenever 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 rotates. This action causes fluid to be continuously drawn from the center of the pump. The pump inlet is placed close to the center. This design enables fluid returning 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 that is going out of the pump initially flows throughout the cylinder head and engine block. The fluid then goes into the radiator and finally circulates back to the pump.