

Water Pump for Forklift

Water Pumps for Forklift - The water pump is connected to the crankshaft of the engine. It is a simple centrifugal pump that is driven by a belt that is connected to the crankshaft. If the engine is running, the pump circulates fluid.

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