

Water Pumps for Forklift

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

The water pump makes use of centrifugal force in order 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 particular design allows fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically positioned to fling the fluid outside of the pump so it enters the engine.

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