

Water Pumps for Forklifts

Forklift Water Pump - Connected to the engine's crankshaft; the water pump is a simple centrifugal pump which is driven by a belt. The pump then circulates fluid if the engine is running.

The water pump makes use of centrifugal force to be able to send water to the outside while it turns. This action causes fluid to be continuously drawn from the center of the pump. The pump inlet is positioned close to the center. This design allows 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 enters the engine.

The fluid which is going out of the pump firstly flows through the cylinder head and engine block. Then the fluid travels into the radiator and finally circulates back to the pump.