

Water Pumps for Forklifts

Forklift Water Pump - Attached 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 to send water to the outside while it spins. This action causes fluid to be constantly drawn from the center of the pump. The pump inlet is situated close to the center. This particular design allows fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically positioned 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 travels into the radiator and lastly circulates back to the pump.