

Forklift Water Pumps

Water Pumps for Forklifts - Attached to the engine's crankshaft; the water pump is a basic centrifugal pump which 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 while it rotates. This action causes fluid to be continuously drawn from the pump's center. The pump inlet is positioned near the center. This design allows fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically positioned to be able to fling the fluid outside of the pump so it enters the engine.

The fluid that is exiting the pump initially flows throughout the engine block and cylinder head. The fluid then goes into the radiator and lastly circulates back to the pump.