

Water Pump for Forklifts

Forklift Water Pump - The water pump is attached to the engine's crankshaft. It is a basic centrifugal pump which is driven by a belt which is attached to the crankshaft. If the engine is running, the pump circulates fluid.

The water pump makes use of centrifugal force 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 located in order to fling the fluid outside of the pump so it goes in the engine.

The fluid that is exiting the pump firstly flows throughout the cylinder head and engine block. Then the fluid travels into the radiator and lastly circulates back to the pump.