

Water Pump for Forklifts

Water Pump for Forklift - The water pump is attached to the engine's crankshaft. It is a basic centrifugal pump that 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 as it spins. This action causes fluid to be continuously drawn from the center of the pump. The pump inlet is positioned near the center. This particular design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically located to fling the fluid outside of the pump so it enters the engine.

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