

Forklift Water Pump

Water Pump for Forklift - The water pump is attached to the crankshaft of the engine. It is a simple centrifugal pump which is driven by a belt which is connected to the crankshaft. If the engine is running, the pump circulates fluid.

The water pump makes use of centrifugal force to be able to send water to the outside while it spins. This action causes fluid to be continuously drawn from the center of the pump. The pump inlet is placed close to the center. This design allows fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically located to fling the fluid outside of the pump so it goes in the engine.

The fluid which is going out of the pump initially flows throughout the cylinder head and engine block. Then the fluid travels into the radiator and lastly circulates back to the pump.