

Water Pump for Forklift

Water Pump for Forklifts - The water pump is attached to the crankshaft of the engine. 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 utilizes centrifugal force to be able to send water to the outside as it turns. This action causes fluid to be continuously drawn from the pump's center. The pump inlet is located 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 goes in the engine.

The fluid which is going out of the pump firstly flows through the cylinder head and engine block. The fluid then travels into the radiator and finally circulates back to the pump.