

Water Pump for Forklifts

Water Pump for Forklifts - The water pump is attached to the crankshaft of the engine. It is a basic 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 in order to send water to the outside while it rotates. This action causes fluid to be continuously drawn from the center of the pump. The pump inlet is positioned close to 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 that is going out of the pump initially flows throughout the cylinder head and engine block. Then the fluid goes into the radiator and finally circulates back to the pump.