

Water Pumps for Forklift

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 attached to the crankshaft. Whenever the engine is running, the pump circulates fluid.

Making use of centrifugal force, the water pump sends water to the outside while it spins causing the fluid to be continually drawn from the center of the pump. The pump inlet is located close to the center. This particular design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically positioned to fling the fluid outside of the pump so it goes in the engine.

The fluid initially flows through the cylinder head and engine block prior to exiting the pump. The fluid then travels into the radiator before lastly coming back to the pump.