

Water Pumps 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 that is attached to the crankshaft. When the engine is running, fluid is circulated by the pump.

The water pump utilizes centrifugal force to send water to the outside while it spins. This action causes fluid to be constantly drawn from the pump's center. The pump inlet is situated near the center. This particular design allows fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically positioned so as to fling the fluid outside of the pump so it enters the engine.

The fluid primarily flows through the cylinder head and engine block before going out of the pump. The fluid then works its way into the radiator before lastly returning to the pump.