

Water Pumps for Forklifts

Water Pump for Forklifts - The water pump is connected to the crankshaft of the engine. It is a basic centrifugal pump which is driven by a belt which is connected to the crankshaft. Whenever the engine is running, fluid is circulated by the pump.

Using centrifugal force, the water pump sends water to the outside as it turns causing the fluid to be continually drawn from the pump's center. The pump inlet is located close to the center. This particular design allows fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically placed to fling the fluid outside of the pump so it goes in the engine.

The fluid primarily flows throughout the engine block and cylinder head before going out of the pump. Then the fluid works its way into the radiator before finally returning to the pump.