

Water Pumps for Forklifts

Water Pumps for Forklift - 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, fluid is circulated by the pump.

The water pump uses centrifugal force in order to send water to the outside while it turns. This action causes fluid to be constantly drawn from the pump's center. The pump inlet is placed near the center. This particular design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically located so as to fling the fluid outside of the pump so it goes in the engine.

The fluid primarily flows through the engine block and cylinder head prior to going out of the pump. Then the fluid travels into the radiator before finally coming back to the pump.