

Water Pump for Forklifts

Water Pumps for Forklifts - 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 connected to the crankshaft. Whenever the engine is running, fluid is circulated by the pump.

The water pump uses 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 positioned near the center. This particular design allows fluid returning 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 throughout the engine block and cylinder head prior to exiting the pump. The fluid then travels into the radiator before finally returning to the pump.