

Water Pumps for Forklift

Water Pump for Forklifts - The water pump is connected to the crankshaft of the engine. It is a simple centrifugal pump which is driven by a belt which is attached to the crankshaft. If the engine is running, the pump circulates fluid.

The water pump utilizes centrifugal force so as to send water to the outside while it turns. This action causes fluid to be continuously drawn from the pump's center. The pump inlet is positioned close to 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 that is exiting the pump firstly flows throughout the cylinder head and engine block. The fluid then goes into the radiator and lastly circulates back to the pump.