

Water Pumps for Forklifts

Forklift Water Pump - 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 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 rotates. This action causes fluid to be continuously 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 positioned so as to fling the fluid outside of the pump so it goes in the engine.

The fluid which is exiting the pump firstly flows throughout the engine block and cylinder head. The fluid then travels into the radiator and lastly circulates back to the pump.