

Water Pump for Forklifts

Forklift Water Pump - The water pump is attached to the engine's crankshaft. It is a simple centrifugal pump that is driven by a belt which is connected to the crankshaft. When the engine is running, fluid is circulated by the pump.

The water pump utilizes centrifugal force in order to send water to the outside while it spins. This action causes fluid to be continuously drawn from the pump's center. The pump inlet is situated near the center. This particular design enables 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 enters the engine.

The fluid firstly flows throughout the engine block and cylinder head prior to exiting the pump. The fluid then travels into the radiator before lastly returning to the pump.