

Water Pump for Forklift

Forklift Water Pumps - The water pump is connected to the engine's crankshaft. It is a basic centrifugal pump which is driven by a belt which is attached to the crankshaft. Whenever the engine is running, fluid is circulated by the pump.

The water pump utilizes centrifugal force to send water to the outside as it spins. This action causes fluid to be continuously drawn from the pump's center. The pump inlet is situated close to the center. This particular design allows fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically placed to fling the fluid outside of the pump so it enters the engine.

The fluid initially flows throughout the engine block and cylinder head prior to exiting the pump. Then the fluid travels into the radiator before lastly coming back to the pump.