

Water Pumps for Forklifts

Water Pump for Forklifts - Attached to the engine's crankshaft; the water pump is a basic centrifugal pump that is driven by a belt. The pump then circulates fluid when the engine is running.

Using centrifugal force, the water pump sends water to the outside while it rotates causing the fluid to be continually drawn from the center of the pump. The pump inlet is positioned near the center. This design allows fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically positioned 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 going out of the pump. The fluid then goes into the radiator before finally returning to the pump.