

Water Pump for Forklift

Water Pumps for Forklifts - Attached to the crankshaft of the engine; the water pump is a simple centrifugal pump that is driven by a belt. The pump then circulates fluid if the engine is running.

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

The fluid initially flows through the cylinder head and engine block previous to exiting the pump. The fluid then works its way into the radiator before finally coming back to the pump.