

Forklift Water Pumps

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

Using centrifugal force, the water pump sends water to the outside as it rotates causing the fluid to be continually drawn from the pump's center. The pump inlet is situated near the center. This design enables 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 firstly flows through the engine block and cylinder head before going out of the pump. The fluid then works its way into the radiator before lastly coming back to the pump.