

Water Pump for Forklift

Forklift Water Pumps - 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 when the engine is running.

The water pump utilizes centrifugal force to be able to send water to the outside while it turns. This action causes fluid to be constantly drawn from the pump's center. The pump inlet is placed close to the center. This design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically positioned in order to fling the fluid outside of the pump so it goes in the engine.

The fluid primarily flows through the cylinder head and engine block previous to going out of the pump. The fluid then goes into the radiator before finally coming back to the pump.