

Water Pump for Forklifts

Water Pumps for Forklifts - The water pump is connected to the engine's crankshaft. It is a simple centrifugal pump that is driven by a belt that is connected to the crankshaft. Whenever the engine is running, the pump circulates fluid.

Utilizing centrifugal force, the water pump sends water to the outside while it turns causing the fluid to be continually drawn from the center of the pump. The pump inlet is placed close to the center. This design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically located in order to fling the fluid outside of the pump so it enters the engine.

The fluid primarily flows throughout the engine block and cylinder head before exiting the pump. Then the fluid works its way into the radiator before finally coming back to the pump.