

Water Pump for Forklifts

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

Making use of centrifugal force, the water pump sends water to the outside as it spins causing the fluid to be continually drawn from the pump's center. The pump inlet is located near the center. This design enables fluid returning 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 which is going out of the pump primarily flows throughout the engine block and cylinder head. Then the fluid goes into the radiator and finally circulates back to the pump.