

Water Pumps for Forklifts

Forklift Water Pump - The water pump is connected to the engine's crankshaft. It is a basic centrifugal pump which is driven by a belt which is attached to the crankshaft. When the engine is running, the pump circulates fluid.

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

The fluid which is exiting the pump primarily flows through the engine block and cylinder head. Then the fluid travels into the radiator and finally circulates back to the pump.