

Water Pumps for Forklifts

Water Pumps for Forklifts - Connected to the crankshaft of the engine; the water pump is a basic centrifugal pump which is driven by a belt. The pump then circulates fluid if the engine is running.

Using centrifugal force, the water pump sends water to the outside as it turns causing the fluid to be constantly drawn from the center of the pump. The pump inlet is situated close to 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 goes in the engine.

The fluid that is going out of 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.