

Water Pumps for Forklift

Forklift Water Pump - The water pump is attached to the crankshaft of the engine. It is a simple centrifugal pump which is driven by a belt which is connected to the crankshaft. If the engine is running, the pump circulates fluid.

Making use of 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 placed near 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 which is going out of the pump initially flows through the engine block and cylinder head. Then the fluid travels into the radiator and finally circulates back to the pump.