

Water Pumps for Forklifts

Forklift Water Pump - The water pump is attached to the crankshaft of the engine. It is a basic centrifugal pump which is driven by a belt which is connected to the crankshaft. When 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 located near the center. This design enables fluid coming back 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 that is going out of the pump primarily flows through the engine block and cylinder head. The fluid then goes into the radiator and finally circulates back to the pump.