

Water Pumps for Forklifts

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

The water pump uses centrifugal force to be able to send water to the outside as it turns. This action causes fluid to be constantly drawn from the center of the pump. The pump inlet is situated close to 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 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.