

Water Pumps for Forklifts

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

The water pump utilizes centrifugal force so as to send water to the outside as it rotates. This action causes fluid to be continuously drawn from the pump's center. The pump inlet is located near the center. This particular design allows fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically located to fling the fluid outside of the pump so it goes in 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.