

Forklift Water Pump

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

The water pump utilizes centrifugal force in order to send water to the outside while it turns. This action causes fluid to be constantly drawn from the pump's center. The pump inlet is located close to the center. This particular design allows fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically placed in order to fling the fluid outside of the pump so it enters the engine.

The fluid that is going out of the pump firstly flows through the engine block and cylinder head. Then the fluid travels into the radiator and finally circulates back to the pump.