

Forklift Water Pump

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 which is attached to the crankshaft. When the engine is running, fluid is circulated by the pump.

The water pump uses centrifugal force to send water to the outside while it rotates. This action causes fluid to be constantly drawn from the pump's center. 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 primarily flows throughout the engine block and cylinder head before going out of the pump. The fluid then travels into the radiator before lastly returning to the pump.