

Forklift Water Pump

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 connected to the crankshaft. If the engine is running, the pump circulates fluid.

The water pump makes use of centrifugal force in order to send water to the outside as it spins. This action causes fluid to be constantly drawn from the pump's center. The pump inlet is positioned close to the center. This particular design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically positioned to fling the fluid outside of the pump so it goes in the engine.

The fluid that is going out of the pump primarily flows throughout the cylinder head and engine block. Then the fluid travels into the radiator and lastly circulates back to the pump.