

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. When the engine is running, fluid is circulated by the pump.

The water pump makes use of centrifugal force so as to send water to the outside while it spins. This action causes fluid to be continuously drawn from the pump's center. The pump inlet is placed close to the center. This design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically located to be able to fling the fluid outside of the pump so it enters the engine.

The fluid that is exiting the pump firstly flows throughout the engine block and cylinder head. Then the fluid travels into the radiator and lastly circulates back to the pump.