

Forklift Water Pumps

Connected to the engine's crankshaft; the water pump is a basic centrifugal pump that is driven by a belt. Fluid is circulated by the pump whenever the engine is running.

The water pump makes use of centrifugal force in order 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 near the center. This design allows fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically positioned so as to fling the fluid outside of the pump so it goes in the engine.

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