

Forklift Water Pumps

Forklift Water Pump - Connected to the engine's crankshaft; the water pump is a simple centrifugal pump which is driven by a belt. Fluid is circulated by the pump if the engine is running.

Making use of centrifugal force, the water pump sends water to the outside while it turns causing the fluid to be continually drawn from the pumps center. The pump inlet is positioned close to the center. This design allows fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically located to fling the fluid outside of the pump so it enters the engine.

The fluid that is going out of the pump initially flows through the cylinder head and engine block. Then the fluid goes into the radiator and lastly circulates back to the pump.