

Forklift Water Pumps

Attached to the crankshaft of the engine; the water pump is a basic centrifugal pump that is driven by a belt. Fluid is circulated by the pump if the engine is running.

Utilizing centrifugal force, the water pump sends water to the outside as it rotates causing the fluid to be continually drawn from the center of the pump. The pump inlet is placed near the center. This design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically located in order to fling the fluid outside of the pump so it goes in the engine.

The fluid primarily flows throughout the engine block and cylinder head previous to exiting the pump. The fluid then works its way into the radiator before finally coming back to the pump.