

Forklift Water Pumps

Attached to the crankshaft of the engine; the water pump is a simple centrifugal pump which is driven by a belt. The pump then circulates fluid whenever the engine is running.

The water pump uses centrifugal force in order to send water to the outside as it rotates. This action causes fluid to be constantly drawn from the center of the pump. The pump inlet is situated near the center. This particular design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically placed so as to fling the fluid outside of the pump so it enters the engine.

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