Forklift Water Pumps

Connected to the crankshaft of the engine; the water pump is a simple centrifugal pump which is driven by a belt. Fluid is circulated by the pump when the engine is running.

Utilizing centrifugal force, the water pump sends water to the outside as it rotates causing the fluid to be constantly drawn from the pumps center. The pump inlet is located near the center. This design allows fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically placed 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 throughout the cylinder head and engine block. The fluid then goes into the radiator and finally circulates back to the pump.