

Forklift Water Pumps

Forklift Water Pumps - Attached 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 if the engine is running.

The water pump makes use of centrifugal force to send water to the outside while it spins. This action causes fluid to be constantly drawn from the pump's center. The pump inlet is placed close to the center. This design allows fluid returning 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 which is going out of the pump initially flows through the engine block and cylinder head. Then the fluid travels into the radiator and finally circulates back to the pump.