

Water Pumps for Forklifts

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

Using 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 situated near the center. This design allows fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically placed in order to fling the fluid outside of the pump so it goes in the engine.

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