

Water Pumps for Forklifts

Forklift Water Pump - Attached to the crankshaft of the engine; the water pump is a basic centrifugal pump which is driven by a belt. Fluid is circulated by the pump whenever the engine is running.

The water pump makes use of centrifugal force to send water to the outside as it rotates. This action causes fluid to be constantly drawn from the pump's center. The pump inlet is placed near the center. This particular design allows fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically located so as to fling the fluid outside of the pump so it goes in the engine.

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