

Forklift Water Pumps

Forklift Water Pump - Connected 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.

Making use of centrifugal force, the water pump sends water to the outside while it turns causing the fluid to be constantly drawn from the center of the pump. The pump inlet is positioned close to the center. This particular design allows fluid returning 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 that is exiting the pump initially flows throughout the cylinder head and engine block. The fluid then travels into the radiator and lastly circulates back to the pump.