

Forklift Water Pump

Forklift Water Pumps - Attached to the engine's crankshaft; the water pump is a simple centrifugal pump that is driven by a belt. The pump then circulates fluid when the engine is running.

The water pump utilizes centrifugal force in order to send water to the outside as it rotates. This action causes fluid to be continuously drawn from the pump's center. 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 in order to fling the fluid outside of the pump so it goes in the engine.

The fluid initially flows through the engine block and cylinder head previous to going out of the pump. The fluid then travels into the radiator before finally coming back to the pump.