

Water Pumps for Forklifts

Forklift Water Pump - The water pump is attached to the engine's crankshaft. It is a basic centrifugal pump that is driven by a belt that is attached to the crankshaft. When the engine is running, the pump circulates fluid.

Utilizing centrifugal force, the water pump sends water to the outside as it turns causing the fluid to be continually drawn from the pumps center. The pump inlet is positioned close to the center. This particular design allows fluid coming back 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 exiting the pump firstly flows through the engine block and cylinder head. The fluid then travels into the radiator and lastly circulates back to the pump.