

Water Pumps for Forklifts

Forklift Water Pump - Connected 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 when the engine is running.

Making use of centrifugal force, the water pump sends water to the outside as it turns causing the fluid to be constantly drawn from the pumps center. The pump inlet is located close to the center. This particular design enables 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 enters the engine.

The fluid primarily flows through the cylinder head and engine block prior to going out of the pump. The fluid then goes into the radiator before finally coming back to the pump.