

Forklift Water Pumps

Forklift Water Pump - The water pump is connected to the crankshaft of the engine. It is a basic centrifugal pump that is driven by a belt which is attached to the crankshaft. If the engine is running, fluid is circulated by the pump.

Using centrifugal force, the water pump sends water to the outside while it rotates causing the fluid to be constantly drawn from the pump's center. The pump inlet is situated close to the center. This particular design allows fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically positioned to be able to fling the fluid outside of the pump so it goes in the engine.

The fluid primarily flows throughout the engine block and cylinder head before going out of the pump. Then the fluid works its way into the radiator before finally coming back to the pump.