

Forklift Water Pumps

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

Making use of centrifugal force, the water pump sends water to the outside as it rotates causing the fluid to be constantly drawn from the pump's center. The pump inlet is placed near 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 firstly flows throughout the engine block and cylinder head before going out of the pump. Then the fluid works its way into the radiator before lastly coming back to the pump.