

Forklift Water Pump

Water Pumps for Forklifts - 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. Whenever the engine is running, fluid is circulated by the pump.

Utilizing centrifugal force, the water pump sends water to the outside as it turns causing the fluid to be constantly drawn from the pump's center. The pump inlet is placed close to the center. This design enables 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 goes in the engine.

The fluid firstly flows throughout the cylinder head and engine block prior to exiting the pump. The fluid then works its way into the radiator before finally coming back to the pump.