

Forklift Water Pump

Water Pumps for Forklift - The water pump is attached to the crankshaft of the engine. It is a basic centrifugal pump which is driven by a belt that is attached to the crankshaft. If 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 continually drawn from the center of the pump. 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 located to fling the fluid outside of the pump so it enters the engine.

The fluid primarily flows through the engine block and cylinder head prior to exiting the pump. The fluid then travels into the radiator before finally coming back to the pump.