

Forklift Water Pumps

Forklift Water Pump - Connected to the engine's crankshaft; the water pump is a basic centrifugal pump which is driven by a belt. The pump then circulates fluid whenever the engine is running.

Making use of centrifugal force, the water pump sends water to the outside as it spins causing the fluid to be continually drawn from the pumps center. The pump inlet is placed near the center. This design enables fluid returning 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 enters the engine.

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