

Forklift Water Pumps

Water Pumps for Forklifts - Attached to the engine's crankshaft; the water pump is a simple centrifugal pump which is driven by a belt. The pump then circulates fluid when the engine is running.

Using centrifugal force, the water pump sends water to the outside as it rotates causing the fluid to be continually drawn from the center of the pump. The pump inlet is situated near the center. This design allows fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically placed to fling the fluid outside of the pump so it enters the engine.

The fluid primarily flows through the engine block and cylinder head previous to exiting the pump. Then the fluid goes into the radiator before finally coming back to the pump.