

Water Pumps for Forklift

Water Pumps for Forklift - Attached to the crankshaft of the engine; the water pump is a simple 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 while it spins causing the fluid to be continually drawn from the center of the pump. The pump inlet is situated close to the center. This particular design allows fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically placed to be able to fling the fluid outside of the pump so it enters the engine.

The fluid initially flows throughout the cylinder head and engine block prior to exiting the pump. The fluid then works its way into the radiator before lastly returning to the pump.