

Water Pump for Forklifts

Forklift Water Pumps - The water pump is attached to the engine's crankshaft. It is a basic centrifugal pump which is driven by a belt that is connected to the crankshaft. When the engine is running, the pump circulates fluid.

The water pump makes use of centrifugal force in order to send water to the outside while it turns. This action causes fluid to be continuously drawn from the center of the pump. The pump inlet is positioned near the center. This particular design allows fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically positioned to fling the fluid outside of the pump so it goes in the engine.

The fluid initially flows through the engine block and cylinder head previous to going out of the pump. The fluid then works its way into the radiator before lastly coming back to the pump.