

Water Pump for Forklifts

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

The water pump utilizes centrifugal force to send water to the outside while it rotates. This action causes fluid to be continuously drawn from the pump's center. The pump inlet is placed near the center. This particular design allows fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically located to be able to fling the fluid outside of the pump so it goes in the engine.

The fluid primarily flows throughout the cylinder head and engine block prior to exiting the pump. Then the fluid goes into the radiator before lastly coming back to the pump.