

Water Pump for Forklifts

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

Utilizing centrifugal force, the water pump sends water to the outside as it turns causing the fluid to be constantly drawn from the pumps center. The pump inlet is positioned close to the center. This particular design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically placed so as to fling the fluid outside of the pump so it enters the engine.

The fluid initially flows through the cylinder head and engine block prior to exiting the pump. The fluid then goes into the radiator before lastly coming back to the pump.