

Water Pump for Forklifts

Water Pump for Forklift - The water pump is attached to the engine's crankshaft. It is a basic centrifugal pump which is driven by a belt which is connected to the crankshaft. If the engine is running, fluid is circulated by the pump.

The water pump utilizes centrifugal force so as to send water to the outside while it turns. This action causes fluid to be constantly drawn from the center of the pump. The pump inlet is located near the center. This design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically located to fling the fluid outside of the pump so it enters the engine.

The fluid that is going out of the pump initially flows throughout the cylinder head and engine block. Then the fluid travels into the radiator and lastly circulates back to the pump.