

Water Pumps for Forklifts

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

Utilizing centrifugal force, the water pump sends water to the outside while it rotates causing the fluid to be constantly drawn from the center of the pump. The pump inlet is located close to the center. This design allows fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically located so as to fling the fluid outside of the pump so it goes in the engine.

The fluid which is going out of the pump primarily flows through the cylinder head and engine block. Then the fluid goes into the radiator and lastly circulates back to the pump.