

Forklift Water Pumps

Water Pump for Forklifts - The water pump is attached to the crankshaft of the engine. 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 in order to send water to the outside as it rotates. This action causes fluid to be constantly drawn from the pump's center. The pump inlet is placed near the center. This particular design allows fluid returning 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 exiting the pump primarily flows through the cylinder head and engine block. Then the fluid goes into the radiator and finally circulates back to the pump.