

Forklift Water Pump

Water Pump for Forklifts - 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 attached to the crankshaft. When the engine is running, the pump circulates fluid.

The water pump uses centrifugal force so as to send water to the outside as it rotates. This action causes fluid to be continuously drawn from the center of the pump. The pump inlet is situated close to the center. This particular design allows 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 which is going out of the pump firstly flows throughout the engine block and cylinder head. Then the fluid goes into the radiator and finally circulates back to the pump.