

Water Pump for Forklifts

Forklift Water Pump - The water pump is connected to the crankshaft of the engine. It is a basic 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 to be able to send water to the outside while it spins. This action causes fluid to be constantly drawn from the pump's center. The pump inlet is situated close to the center. This design allows fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically placed to fling the fluid outside of the pump so it goes in 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.