

Water Pump for Forklifts

Forklift Water Pump - Attached to the crankshaft of the engine; the water pump is a basic centrifugal pump which is driven by a belt. The pump then circulates fluid whenever the engine is running.

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

The fluid which is going out of the pump initially flows throughout the engine block and cylinder head. Then the fluid goes into the radiator and finally circulates back to the pump.