

Forklift Water Pumps

Forklift Water Pumps - Attached to the crankshaft of the engine; the water pump is a basic centrifugal pump which is driven by a belt. Fluid is circulated by the pump when the engine is running.

The water pump makes use of 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 positioned near the center. This design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically placed so as to fling the fluid outside of the pump so it enters the engine.

The fluid which is exiting the pump firstly flows through the engine block and cylinder head. The fluid then travels into the radiator and finally circulates back to the pump.