

Water Pump for Forklift

Forklift Water Pumps - Connected 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 when the engine is running.

The water pump uses centrifugal force to send water to the outside as it turns. This action causes fluid to be constantly drawn from the pump's center. The pump inlet is placed near the center. This design allows fluid coming back 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 primarily flows through the engine block and cylinder head previous to exiting the pump. The fluid then goes into the radiator before lastly coming back to the pump.