

Water Pump for Forklift

Water Pumps for Forklift - The water pump is attached to the engine's crankshaft. It is a basic centrifugal pump that is driven by a belt which is connected to the crankshaft. When the engine is running, the pump circulates fluid.

Using centrifugal force, the water pump sends water to the outside as it turns causing the fluid to be continually drawn from the pumps center. The pump inlet is placed close to the center. This design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically placed to be able to fling the fluid outside of the pump so it enters the engine.

The fluid firstly flows through the engine block and cylinder head previous to exiting the pump. Then the fluid goes into the radiator before lastly coming back to the pump.