

Water Pumps for Forklift

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

Utilizing centrifugal force, the water pump sends water to the outside while it rotates causing the fluid to be constantly drawn from the pumps center. The pump inlet is positioned near the center. This design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically positioned to be able to fling the fluid outside of the pump so it enters the engine.

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