

Forklift Water Pumps

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

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

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