

Forklift Water Pump

Forklift Water Pump - 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. Whenever the engine is running, the pump circulates fluid.

The water pump uses centrifugal force to send water to the outside while it rotates. This action causes fluid to be continuously drawn from the pump's center. The pump inlet is situated close to the center. This design allows fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically located so as to fling the fluid outside of the pump so it enters the engine.

The fluid which is going out of the pump firstly flows through the engine block and cylinder head. Then the fluid goes into the radiator and finally circulates back to the pump.