

Water Pump for Forklift

Forklift Water Pump - The water pump is attached to the crankshaft of the engine. It is a simple centrifugal pump that is driven by a belt which is connected to the crankshaft. If 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 constantly drawn from the pumps center. The pump inlet is placed close to the center. This particular design allows fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically located to be able to fling the fluid outside of the pump so it enters the engine.

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