

Water Pump for Forklift

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

Making use of centrifugal force, the water pump sends water to the outside as it turns causing the fluid to be continually drawn from the pump's center. The pump inlet is situated close to the center. This particular design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically positioned to fling the fluid outside of the pump so it goes in the engine.

The fluid that is going out of the pump initially flows through the engine block and cylinder head. The fluid then goes into the radiator and finally circulates back to the pump.