

Water Pump for Forklift

Water Pump for Forklift - 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 connected to the crankshaft. Whenever the engine is running, fluid is circulated by the pump.

Utilizing centrifugal force, the water pump sends water to the outside as it turns causing the fluid to be constantly drawn from the center of the pump. The pump inlet is located near the center. This particular design allows fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically located in order to fling the fluid outside of the pump so it goes in the engine.

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