

Water Pump for Forklift

Water Pumps for Forklifts - The water pump is attached to the crankshaft of the engine. It is a simple centrifugal pump which is driven by a belt that is connected to the crankshaft. When the engine is running, the pump circulates fluid.

The water pump makes use of centrifugal force in order to send water to the outside as it rotates. This action causes fluid to be continuously drawn from the pump's center. The pump inlet is positioned close to the center. This particular design allows fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically placed to fling the fluid outside of the pump so it enters the engine.

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