

Water Pump for Forklifts

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

Utilizing centrifugal force, the water pump sends water to the outside as it spins causing the fluid to be constantly drawn from the center of the pump. The pump inlet is placed near the center. This particular design enables 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 throughout the cylinder head and engine block. The fluid then travels into the radiator and finally circulates back to the pump.