

Water Pump for Forklifts

Water Pumps for Forklifts - The water pump is connected to the engine's crankshaft. 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 located close to the center. This design allows fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically placed so as to fling the fluid outside of the pump so it enters the engine.

The fluid which is going out of the pump initially flows throughout the engine block and cylinder head. The fluid then travels into the radiator and finally circulates back to the pump.