

Water Pump for Forklifts

Forklift Water Pump - The water pump is attached to the engine's crankshaft. It is a simple centrifugal pump which is driven by a belt that is connected to the crankshaft. If the engine is running, the pump circulates fluid.

The water pump utilizes centrifugal force to be able to send water to the outside while it spins. This action causes fluid to be constantly drawn from the pump's center. The pump inlet is situated close to the center. This design allows fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically located to fling the fluid outside of the pump so it goes in the engine.

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