

Forklift Water Pumps

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

The water pump uses centrifugal force 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 placed 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 be able to fling the fluid outside of the pump so it goes in the engine.

The fluid initially flows throughout the engine block and cylinder head before going out of the pump. Then the fluid goes into the radiator before finally coming back to the pump.