

Water Pumps for Forklift

Forklift Water Pump - 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. Whenever the engine is running, fluid is circulated by the pump.

The water pump makes use of centrifugal force in order 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 particular design allows fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically placed in order 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 cylinder head and engine block. The fluid then goes into the radiator and finally circulates back to the pump.