

Water Pump for Forklift

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. Whenever the engine is running, fluid is circulated by the pump.

The water pump makes use of centrifugal force to send water to the outside as it turns. This action causes fluid to be constantly drawn from the pump's center. The pump inlet is placed close to the center. This 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 firstly flows throughout the engine block and cylinder head before exiting the pump. Then the fluid works its way into the radiator before finally coming back to the pump.