

Water Pumps for Forklift

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

Making use of centrifugal force, the water pump sends water to the outside while it spins causing the fluid to be constantly drawn from the center of the pump. 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 positioned to be able to fling the fluid outside of the pump so it goes in the engine.

The fluid primarily flows throughout the cylinder head and engine block previous to exiting the pump. The fluid then goes into the radiator before lastly returning to the pump.