

Water Pumps for Forklift

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

Making use of centrifugal force, the water pump sends water to the outside as it spins causing the fluid to be continually drawn from the pumps center. The pump inlet is located near the center. This design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically positioned so as to fling the fluid outside of the pump so it enters the engine.

The fluid firstly flows throughout the engine block and cylinder head previous to going out of the pump. Then the fluid travels into the radiator before lastly returning to the pump.