

Water Pumps for Forklift

Forklift Water Pumps - The water pump is connected to the crankshaft of the engine. It is a basic centrifugal pump that is driven by a belt that is connected to the crankshaft. If 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 rotates causing the fluid to be continually drawn from the center of the pump. The pump inlet is situated near the center. This particular design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically positioned in order to fling the fluid outside of the pump so it goes in the engine.

The fluid which is going out of the pump initially flows through the cylinder head and engine block. Then the fluid travels into the radiator and lastly circulates back to the pump.