

Water Pumps for Forklift

Water Pumps for Forklift - The water pump is connected to the engine's crankshaft. 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.

Utilizing centrifugal force, the water pump sends water to the outside as it spins causing the fluid to be continually drawn from the pump's center. The pump inlet is placed near the center. This particular design allows fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically located so as to fling the fluid outside of the pump so it goes in the engine.

The fluid initially flows throughout the cylinder head and engine block prior to going out of the pump. Then the fluid travels into the radiator before lastly coming back to the pump.