

Water Pumps for Forklift

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

Using centrifugal force, the water pump sends water to the outside while it turns causing the fluid to be constantly 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 placed 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 before exiting the pump. Then the fluid goes into the radiator before finally coming back to the pump.