

Water Pumps for Forklift

Forklift Water Pump - The water pump is attached to the crankshaft of the engine. It is a basic centrifugal pump that is driven by a belt that is attached 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 as it turns causing the fluid to be continually drawn from the pump's center. The pump inlet is located near the center. This particular design allows fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically placed to be able to fling the fluid outside of the pump so it goes in the engine.

The fluid which is exiting the pump initially flows throughout the cylinder head and engine block. The fluid then travels into the radiator and lastly circulates back to the pump.