

Forklift Water Pump

Forklift Water Pumps - The water pump is attached to the engine's crankshaft. It is a basic centrifugal pump which 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 placed close to the center. This particular design allows 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 enters the engine.

The fluid primarily flows through the cylinder head and engine block previous to going out of the pump. Then the fluid works its way into the radiator before lastly returning to the pump.