

Water Pumps for Forklifts

Forklift Water Pumps - The water pump is attached to the crankshaft of the engine. It is a basic centrifugal pump that is driven by a belt which is attached to the crankshaft. If the engine is running, fluid is circulated by the pump.

Using centrifugal force, the water pump sends water to the outside as it rotates 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 coming back from the radiator to hit the pump vanes. The pump vanes are strategically located to fling the fluid outside of the pump so it goes in the engine.

The fluid that is going out of the pump firstly flows throughout the cylinder head and engine block. The fluid then goes into the radiator and finally circulates back to the pump.