

Forklift Water Pumps

Water Pumps for Forklift - The water pump is connected to the crankshaft of the engine. It is a simple 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.

Utilizing centrifugal force, the water pump sends water to the outside as it rotates causing the fluid to be continually 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 located to fling the fluid outside of the pump so it enters the engine.

The fluid primarily flows throughout 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.