

Water Pumps for Forklift

Forklift Water Pump - The water pump is attached to the engine's crankshaft. It is a simple centrifugal pump that is driven by a belt that is connected 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 constantly drawn from the center of the pump. The pump inlet is located near the center. This particular design enables 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 initially 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 finally returning to the pump.