

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 which is connected to the crankshaft. When the engine is running, the pump circulates fluid.

Using centrifugal force, the water pump sends water to the outside while it rotates causing the fluid to be constantly drawn from the center of the pump. The pump inlet is placed near the center. This particular design allows fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically placed so as 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 engine block and cylinder head. The fluid then travels into the radiator and lastly circulates back to the pump.