

Water Pump for Forklift

Forklift Water Pump - The water pump is connected to the engine's crankshaft. It is a basic centrifugal pump which 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 turns causing the fluid to be constantly drawn from the pump's center. The pump inlet is placed close to the center. This 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 exiting the pump firstly flows through the engine block and cylinder head. The fluid then travels into the radiator and lastly circulates back to the pump.