

Water Pumps for Forklift

Forklift Water Pump - The water pump is attached to the crankshaft of the engine. It is a basic 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.

The water pump utilizes centrifugal force in order to send water to the outside while it rotates. This action causes fluid to be continuously drawn from the pump's center. The pump inlet is situated close to the center. This particular design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically positioned to fling the fluid outside of the pump so it goes in the engine.

The fluid that is exiting the pump initially flows throughout the cylinder head and engine block. Then the fluid travels into the radiator and finally circulates back to the pump.