

## Forklift Water Pumps

Forklift Water Pump - The water pump is attached to the engine's crankshaft. It is a simple centrifugal pump which is driven by a belt that is connected to the crankshaft. When the engine is running, fluid is circulated by the pump.

The water pump makes use of centrifugal force so as to send water to the outside as it rotates. This action causes fluid to be continuously drawn from the pump's center. The pump inlet is placed near the center. This design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically placed in order to fling the fluid outside of the pump so it enters the engine.

The fluid firstly flows through the cylinder head and engine block previous to exiting the pump. Then the fluid travels into the radiator before lastly returning to the pump.