

Forklift Water Pumps

Forklift Water Pump - The water pump is connected to the crankshaft of the engine. It is a basic centrifugal pump which is driven by a belt that is connected to the crankshaft. Whenever the engine is running, the pump circulates fluid.

Utilizing centrifugal force, the water pump sends water to the outside while it spins causing the fluid to be constantly drawn from the center of the pump. 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 located in order to fling the fluid outside of the pump so it enters the engine.

The fluid firstly flows throughout the cylinder head and engine block before exiting the pump. Then the fluid travels into the radiator before lastly coming back to the pump.