

Water Pumps for Forklift

Forklift Water Pump - Connected to the crankshaft of the engine; the water pump is a simple centrifugal pump which is driven by a belt. The pump then circulates fluid whenever the engine is running.

The [Yale parts](#) water pump uses centrifugal force so as to send water to the outside while it spins. This action causes fluid to be constantly drawn from the center of the pump. The pump inlet is located near the center. This particular design allows fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically placed to fling the fluid outside of the pump so it goes in 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 coming back to the pump.