

Water Pumps for Forklift

Forklift Water Pumps - The water pump is connected to the crankshaft of the engine. It is a basic centrifugal pump that is driven by a belt which is attached to the crankshaft. If the engine is running, fluid is circulated by the pump.

Utilizing centrifugal force, the water pump sends water to the outside as it spins causing the fluid to be constantly drawn from the pump's center. The pump inlet is located near the center. This particular design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically located to fling the fluid outside of the pump so it enters the engine.

The fluid firstly flows throughout the cylinder head and engine block previous to going out of the pump. The fluid then goes into the radiator before finally returning to the pump.