

Forklift Water Pumps

Forklift Water Pump - Attached to the engine's crankshaft; the water pump is a simple centrifugal pump which is driven by a belt. The pump then circulates fluid if the engine is running.

The water pump utilizes centrifugal force to send water to the outside as it turns. This action causes fluid to be continuously drawn from the pump's center. The pump inlet is positioned close to the center. This particular design allows fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically placed so as to fling the fluid outside of the pump so it enters the engine.

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