

## Steering Valve for Forklifts

Forklift Steering Valve - A valve is a device which controls the flow of a fluid like for instance fluidized gases or regular gases, liquids, slurries, by opening, closing or partially obstructing particular passageways. Valves are usually pipe fittings but are usually discussed as a separate category. In situations where an open valve is concerned, fluid flows in a direction from higher to lower pressure.

Various applications such as industrial, residential, transport, commercial and military trades utilize valves. A few of the major industries that depend on valves comprise the oil and gas sector, mining, chemical manufacturing, power generation, water reticulation and sewerage.

Most valves being utilized in day to day activities are plumbing valves, that are utilized in taps for tap water. Other popular valves include kinds fitted to washing machines and dishwashers, gas control valves on cookers, valves inside car engines and safety devices fitted to hot water systems. In nature, veins inside the human body act as valves and regulate the blood circulation. Heart valves even control the circulation of blood in the chambers of the heart and maintain the proper pumping action.

Valves can be utilized and operated in various ways that they could be worked by a lever, a handle or a pedal. In addition, valves can be driven automatically or by changes in pressure, flow or temperature. These changes can act upon a diaphragm or a piston which in turn activates the valve. Several popular examples of this particular kind of valve are seen on safety valves or boilers fitted to hot water systems.

Valves are used in several complex control systems which can require an automatic control which is based on external input. Regulating the flow through the pipe to a changing set point is an example. These circumstances generally require an actuator. An actuator would stroke the valve depending on its input and set-up, which allows the valve to be situated accurately while enabling control over various requirements.