

## Steering Valve for Forklifts

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

Valves are used in various applications like for instance transport, commercial, military, industrial and residential industries. Some of the main industries which depend on valves include the water reticulation, sewerage, oil and gas sector, mining, chemical manufacturing and power generation.

In daily activities, the most popular valves are plumbing valves as seen for the reason that it taps for tap water. Several common examples include small valves fitted to dishwashers and washing machines, gas control valves on cookers, valves within car engines and safety devices fitted to hot water systems. In nature, veins inside the human body act as valves and control the blood circulation. Heart valves likewise regulate the circulation of blood in the chambers of the heart and maintain the correct pumping action.

Valves can be operated in several ways. For instance, they could be worked either by a handle, a pedal or a lever. Valves could be driven by changes in pressure, flow or temperature or they can be automatic. These changes may act upon a diaphragm or a piston which in turn activates the valve. Several popular examples of this kind of valve are seen on safety valves or boilers fitted to hot water systems.

There are more complex control systems utilizing valves that require automatic control that is based on external input. For example, controlling flow through a pipe to a changing set point. These situations usually require an actuator. An actuator would stroke the valve depending on its input and set-up, allowing the valve to be positioned accurately while enabling control over different requirements.