Steering Valves for Forklift

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

Valves are used in various applications such as industrial, residential, transport, commercial and military trades. Some of the major businesses which depend on valves consist of the oil and gas sector, mining, chemical manufacturing, power generation, water reticulation and sewerage.

In daily activities, the most common valves are plumbing valves as seen as it taps for tap water. Other popular examples include small valves fitted to dishwashers and washing machines, 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 likewise control the circulation of blood in the chambers of the heart and maintain the right pumping action.

Valves could be worked in a variety of ways. Like for example, they could be worked either by a handle, a pedal or a lever. Valves can be driven by changes in flow, temperature or pressure or they could be automatic. These changes can act upon a piston or a diaphragm which in turn activates the valve. Several common examples of this type of valve are seen on safety valves or boilers fitted to hot water systems.

There are more complex control systems using valves that require automatic control that is based on external input. Like for example, regulating flow through a pipe to a changing set point. These circumstances normally need an actuator. An actuator will stroke the valve depending on its set-up and input, which enables the valve to be places accurately while enabling control over various requirements.