Steering Valves for Forklift

Forklift Steering Valve - A valve is a device that regulates the flow of a fluid like fluidized gases or regular gases, liquids, slurries, by partially obstructing, opening or closing 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.

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

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

Valves could be operated in various ways. For instance, 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 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 boilers or safety valves fitted to hot water systems.

Valves are utilized in several complicated control systems that may need an automatic control that is based on external input. Regulating the flow through the pipe to a changing set point is one example. These situations generally require an actuator. An actuator would stroke the valve depending on its set-up and input, that enables the valve to be situated accurately while enabling control over a variety of requirements.