

## Forklift Steering Valves

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 closing, partially obstructing or opening some 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.

Valves are utilized in many applications like for example commercial, military, industrial, residential and transport industries. Some of the main trades that depend on valves consist of 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, which are used in taps for tap water. Other common valves include kinds fitted to washing machines and dishwashers, gas control valves on cookers, valves in car engines and safety devices fitted to hot water systems. In nature, veins within 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 proper pumping action.

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

Valves are used in several complex control systems that could 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 situations normally require an actuator. An actuator would stroke the valve depending on its input and set-up, which allows the valve to be positioned precisely while allowing control over a variety of requirements.