Steering Valve for Forklift

Forklift Steering Valve - A valve is a device which controls the flow of a fluid like for example fluidized gases or regular gases, liquids, slurries, by closing, partially obstructing or opening some passageways. Valves are normally pipe fittings but are commonly 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 many applications like for example residential, transport, commercial, military and industrial businesses. Some of the major trades that depend on valves consist of the sewerage, oil and gas sectors, mining, chemical manufacturing, power generation and water reticulation.

In daily activities, the most common valves are plumbing valves as seen since it taps for tap water. Several popular examples comprise small valves 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 control the blood flow. Heart valves also regulate the flow of blood in the chambers of the heart and maintain the proper pumping action.

Valves can be worked in a variety of ways. For example, they could be worked either by a handle, a pedal or a lever. Valves can be driven by changes in temperature, pressure or flow or they could be automatic. These changes could act upon a diaphragm or a piston 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 various complicated control systems which can require an automatic control which is based on external input. Controlling the flow through the pipe to a changing set point is one example. These situations usually need an actuator. An actuator will stroke the valve depending on its set-up and input, allowing the valve to be places accurately while allowing control over different requirements.