## Steering Valve for Forklifts

Forklift Steering Valve - Valves assist to regulate the flow of a fluids such as slurries, fluidized gases or regular gases, liquids by partially obstructing, opening or even by closing certain passageways. Typical valves are pipe fittings but are 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 used in various applications like for example military, industrial, residential, transport and commercial businesses. Some of the major 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 everyday activities are plumbing valves, that are used in taps for tap water. Several popular valves comprise types 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 in the human body act as valves and regulate the blood circulation. Heart valves also regulate the circulation of blood in the chambers of the heart and maintain the proper pumping action.

Valves can be worked in several 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 found on safety valves or boilers fitted to hot water systems.

There are more complex control systems making use of valves which need automatic control which is based on external input. For instance, controlling flow through a pipe to a changing set point. These circumstances usually require 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 a variety of requirements.