Forklift Steering Valves

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

Numerous applications such as commercial, military, industrial, residential and transport industries utilize valves. Some of the main businesses which depend on valves comprise the sewerage, oil and gas sectors, mining, chemical manufacturing, power generation and water reticulation.

Most valves being utilized in daily activities are plumbing valves, that are utilized in taps for tap water. Various popular valves comprise those fitted to washing machines and dishwashers, 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 control the blood circulation. Heart valves likewise regulate the flow of blood in the chambers of the heart and maintain the right pumping action.

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

There are more complex control systems making use of valves that require automatic control which is based on external input. Like for instance, controlling flow through a pipe to a changing set point. These situations normally need an actuator. An actuator would stroke the valve depending on its input and set-up, allowing the valve to be places accurately while allowing control over various needs.