Fuel Regulator for Forklifts

Forklift Fuel Regulators - Where automatic control is concerned, a regulator is a tool that works by maintaining a particular characteristic. It carries out the activity of maintaining or managing a range of values within a machine. The measurable property of a device is closely handled by an advanced set value or particular conditions. The measurable property can also be a variable according to a predetermined arrangement scheme. Normally, it could be used to connote whatever set of different devices or controls for regulating things.

Various examples of regulators include a voltage regulator, that could be an electric circuit which produces a defined voltage or a transformer whose voltage ratio of transformation could be adjusted. Another example is a fuel regulator which controls the supply of fuel. A pressure regulator as seen in a diving regulator is yet another example. A diving regulator maintains its output at a fixed pressure lower as opposed to its input.

Regulators could be designed so as to control various substances from fluids or gases to electricity or light. Speed can be regulated by mechanical, electro-mechanical or electronic means. Mechanical systems for example, such as valves are usually utilized in fluid control systems. The Watt centrifugal governor is a purely mechanical pre-automotive system. Modern mechanical systems may integrate electronic fluid sensing parts directing solenoids to set the valve of the desired rate.

The speed control systems that are electro-mechanical are quite complex. Used to control and maintain speeds in newer vehicles (cruise control), they normally comprise hydraulic parts. Electronic regulators, nevertheless, are used in modern railway sets where the voltage is raised or lowered in order to control the engine speed.