Fuel Regulator for Forklifts

Forklift Fuel Regulators - Where automatic control is concerned, a regulator is a device that functions 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 circumstances. The measurable property could even be a variable according to a predetermined arrangement scheme. Normally, it could be used so as to connote whichever set of various controls or tools for regulating things.

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

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

The speed control systems which are electro-mechanical are quite complex. Used to control and maintain speeds in newer vehicles (cruise control), they usually consist of hydraulic parts. Electronic regulators, however, are used in modern railway sets where the voltage is lowered or raised to be able to control the engine speed.