Fuel Regulator for Forklifts

Forklift Fuel Regulator - Where automatic control is concerned, a regulator is a device that works by maintaining a particular characteristic. It performs the activity of maintaining or managing a range of values inside a machine. The measurable property of a tool is closely handled by an advanced set value or specified circumstances. The measurable property could even be a variable according to a predetermined arrangement scheme. Usually, it can be utilized in order to connote whichever set of various controls or tools for regulating objects.

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

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

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