

Fuel Regulator for Forklifts

Forklift Fuel Regulators - Where automatic control is concerned, a regulator is a tool which works by maintaining a specific characteristic. It performs the activity of managing or maintaining 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 can even be a variable according to a predetermined arrangement scheme. Normally, it can be utilized to connote whichever set of various devices or controls 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 another example. A diving regulator maintains its output at a fixed pressure lower as opposed to its input.

Regulators can be designed so as to control various substances from gases or fluids to electricity or light. Speed can be regulated by electronic, mechanical or electro-mechanical means. Mechanical systems for instance, like valves are usually used 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 to set the valve of the desired rate.

Electro-mechanical speed control systems are rather complicated. They are usually utilized in order to maintain speeds in modern lift trucks like in the cruise control option and usually include hydraulic parts. Electronic regulators, on the other hand, are utilized in modern railway sets where the voltage is lowered or raised to be able to control the engine speed.