

Counterbalance Forklift Parts

Counterbalance Forklift Parts - Counterbalance forklifts are common pieces of equipment in the material handling business. They are popular machines used in factories and warehouses around the world. The leading lift truck makers such as Mitsubishi, Linde and Toyota all construct counterbalance lift trucks. They are offered in various fuel options like for instance electric, gas or diesel. Usually, a counterbalanced forklift truck comprise the following parts:

The section intended for the operator known as the "cab" and houses all of the levers, pedals, steering wheel and dashboard which contains certain readouts and various switches. The frame of the forklift is the base for the other parts of the equipment including the power supply, the wheels, the axles, mast and the counterweight. The frame can even have fuel tanks and hydraulic fuel tanks constructed as part of its assembly. The Mast is the vertical assembly that does most of the work raising and lowering the forklift's load.

The counterweight is a heavy mass of cast iron that is attached to the rear of the forklift truck frame. The counterweights' objective is to counterbalance the load being lifted. Utilizing an electric lift truck, the big lead-acid battery itself can work as part of or all of the counterweight. The Power Source could have an internal combustion engine which can be powered by gasoline, LP gas, CNG gas or diesel. Electric forklifts are powered by either fuel cells which provide power to a battery or electric motors. The electric motors may be either AC or DC kinds.

Attachments designed for the forks vary in the type of application they allow the forklift to execute. Attachments comprise: carton clamps, slip-sheet attachments, fork positioners, roll clamps, container handlers, carpet poles, pole handlers, side shifters and multipurpose clams. A lot of manufacturing companies would specifically customize an attachment in order to meet a client need.

The counterbalanced forklift is the best electric forklift to use for parking pallets closely all together. Counterbalanced forklifts offer a few benefits over fork-over designs and straddle-leg styles. They do have several drawbacks however. A counterbalanced forklift can carry pallets directly off the floor because there are no stabilization legs to interfere. The main disadvantage of this particular unit of forklift is that the weight capacity and lift height would usually be less compared to the other kinds.