

Counterbalance Forklift Parts

Counterbalance forklifts are popular pieces of machinery in the material handling industry. They are actually popular machines found in factories and warehouses around the world. The leading lift truck manufacturers like Mitsubishi, Linde and Toyota all construct counterbalance forklifts. They are obtainable in various fuel alternatives such as diesel, electric or gas. Typically, a counterbalanced forklift truck comprise the following parts:

The part designed for the operator called the "cab" and houses all of the a dashboard which contains certain readouts, levers, pedals, steering wheel and various switches. The frame of the lift truck is the base for the other components of the equipment consisting of the power supply, the wheels, the axles, mast and the counterweight. The frame can likewise have hydraulic fluid tanks and fuel tanks constructed as part of its assembly. The Mast is the vertical assembly that does the majority of the work lowering and raising the forklift's load.

Constructed of heavy iron the counterweight is attached to the back of the forklift frame. The objective of the counterweight is to counterbalance the weight being carried and moved. Using an electric forklift, the large lead-acid battery itself could operate as part of or all of the counterbalance. The Power Supply could have an internal combustion engine which could be powered by gasoline, LP gas, CNG gas or diesel. Electric forklifts are powered by either fuel cells that provide power to a battery or electric motors. The electric motors can be either AC or DC kinds.

Attachments designed for the forks vary in the type of application they allow the lift truck to carry out. Attachments include: slip-sheet attachments, fork positioners, roll clamps, container handlers, carpet poles, pole handlers, side shifters, multipurpose clams and carton clamps. Numerous manufacturing companies will specifically modify an attachment in order to meet a client need.

When needing to park pallets closely together, the counterbalance lift truck is the best electric lift meant for the job. There are numerous benefits to utilizing a counterbalance lift instead of fork-over and straddle-leg designs. They do have several drawbacks however. A counterbalanced forklift could carry pallets straight off the floor because there are no stabilization legs to interfere. The main drawback of this unit of forklift is that the weight capacity and lift height would usually be less than the various styles.