

Counterbalance Forklift Parts

Parts for Counterbalance Forklift - In the material handling industry counterbalance lift trucks are really common pieces of machinery. They can be usually used in factories and warehouses all around the world. The leading forklift makers like for instance Linde, Toyota and Mitsubishi all construct counterbalance forklifts. They are obtainable in different fuel options like for example diesel, electric or gas. Usually, a counterbalanced forklift truck comprise the following parts:

The part intended for the operator called the "cab" and houses all of the pedals, steering wheel, a dashboard which contains certain readouts, levers plus different switches. The frame of the lift truck is the foundation for the various parts of the equipment including the axles, mast and counterweight, the power supply and the wheels. The frame may also have hydraulic fluid tanks and fuel tanks made 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 which is attached to the rear of the forklift truck frame. The counterweights' purpose is to offset the weight being lifted. Utilizing an electric lift truck, the large lead-acid battery itself can serve as part of or all of the counterbalance. The Power Supply may have an internal combustion engine that could be powered by CNG gas, diesel, gasoline or LP gas. Electric forklifts are powered by either fuel cells which provide power to a battery or electric motors. The electric motors can be either DC or AC types.

Accessories meant for the forks vary in the type of application they allow the lift truck to execute. Attachments comprise: fork positioners, roll clamps, container handlers, carpet poles, pole handlers, side shifters, multipurpose clamps, carton clamps and slip-sheet attachments. Numerous manufacturing companies would specially customize an attachment in order to meet a customer need.

When needing to park pallets closely together, the counterbalance forklift is the best electric lift used for the task. There are numerous benefits to using a counterbalance lift instead of straddle-leg and fork-over designs. They do have a few drawbacks though. A counterbalanced lift truck can carry pallets directly off the ground because there are no stabilization legs to interfere. The main disadvantage of this unit of forklift is that the weight capacity and lift height would generally be less compared to the various kinds.