

Counterbalance Forklift Part

Counterbalance Forklift Part - In the material handling trade counterbalance lift trucks are extremely common pieces of equipment. They can be normally utilized in warehouses and factories all over the world. The leading forklift producers such as Toyota, Mitsubishi and Linde all create counterbalance forklifts. They are offered in different fuel alternatives like for instance electric, gas or diesel. Typically, a counterbalanced forklift truck contains the following components:

The Cab is the section which has a seat meant for the person operating it and houses the levers, steering wheel, a dashboard containing operating readouts, control pedals and various switches. The Truck Frame is the foundation of the machine that each of the different parts, mast and counterweight, the axles, wheels, power source are all attached to. The frame can even have hydraulic fluid tanks and fuel tanks constructed as part of its assembly. The Mast is the vertical assembly that does most of the work lowering and raising the forklift's load.

Constructed of heavy iron the counterweight is connected to the rear of the forklift frame. The purpose of the counterweight is to counterbalance all the weight being carried and transported. Utilizing an electric forklift, the big lead-acid battery itself could serve as part of or all of the counterbalance. The Power Supply may have an internal combustion engine which can be powered by CNG gas, diesel, gasoline or LP gas. Electric lift trucks are powered by either fuel cells that provide power to a battery or electric motors. The electric motors may be either DC or AC types.

Fork attachments are various kinds of material handling attachments which are accessible including slip-sheet attachments, fork positioners, roll clamps, container handlers, carpet poles, pole handlers, side shifters, multipurpose clamps and carton clamps.

When needing to park pallets closely together, the counterbalance forklift is the ideal electric lift used for the task. There are lots of benefits to utilizing a counterbalance lift instead of fork-over and straddle-leg designs. They do have several drawbacks though. A counterbalanced lift truck can carry pallets straight off the ground because there are no stabilization legs to get in the way. The main disadvantage of this particular unit of forklift is that the lift height and the weight capacity would normally be less compared to the various styles.