

Parts for Counterbalance Forklift

Parts for Counterbalance Forklift - In the material handling business counterbalance lift trucks are really popular pieces of machinery. They could be commonly used in warehouses and factories all around the world. The leading lift truck makers like for example Linde, Toyota and Mitsubishi all build counterbalance forklifts. They are obtainable in a range of fuel alternatives such as gas, diesel or electric. Normally, a counterbalanced forklift truck consists of the following components:

The Cab is the area which has a seat for the operator and houses the control pedals, levers, steering wheel, a dashboard containing operator readouts plus various switches. The Truck Frame is the base of the machine that each of the various parts, mast and counterweight, the axles, wheels, power source are all connected to. The frame might also have fuel tanks and hydraulic 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.

Constructed of heavy iron the counterweight is connected to the rear of the forklift frame. The purpose of the counterweight is to balance all the cargo being lifted and transported. Using an electric lift truck, the huge lead-acid battery itself can work as part of or all of the counterweight. The Power Supply can have an internal combustion engine which can be powered by diesel, gasoline, LP gas or CNG gas. Electric forklifts are powered by either fuel cells that provide power to electric motors or a battery. The electric motors could be either DC or AC types.

Attachments intended for the forks vary in the kind of application they allow the lift truck to carry out. Attachments consist of: multipurpose clams, carton clamps, slip-sheet attachments, fork positioners, roll clamps, container handlers, carpet poles, pole handlers and side shifters. Many manufacturing companies will specially modify an attachment to be able to meet a client requirement.

The counterbalanced lift truck is the ideal electric forklift to utilize for parking pallets closely all together. Counterbalanced forklifts provide a few advantages over fork-over designs and straddle-leg styles. They do have several disadvantages however. A counterbalanced lift truck can lift pallets straight off the ground in view of the fact that there are no stabilization legs to interfere. The main drawback of this model of forklift is that the lift height and the weight capacity will usually be less compared to the other styles.