

Counterbalance Forklift Attachments

Counterbalance Forklift Attachment - In the material handling business counterbalance forklifts are extremely common pieces of equipment. They could be usually found in warehouses and factories all over the world. The leading forklift manufacturers like for example Mitsubishi, Linde and Toyota all construct counterbalance forklifts. They are presented in a range of fuel alternatives like for example diesel, electric or gas. Typically, a counterbalanced forklift truck consists of the following parts:

The Cab is the part which has a seat intended for the one operating it and houses the a dashboard containing operator readouts, control pedals, levers, steering wheel plus a variety of switches. The Truck Frame is the foundation of the equipments that each of the other parts, mast and counterweight, the axles, wheels, power source are all connected to. The frame can also 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.

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

Attachments designed for the forks differ in the kind of application they allow the forklift to perform. Attachments consist of: slip-sheet attachments, fork positioners, roll clamps, container handlers, carpet poles, pole handlers, side shifters, multipurpose clams and carton clamps. Lots of manufacturing companies would specially modify an attachment to be able to satisfy a client requirement.

When needing to park pallets closely together, the counterbalance lift truck is the ideal electric lift utilized for the job. There are lots of advantages to using a counterbalance lift instead of straddle-leg and fork-over designs. They do have several disadvantages however. A counterbalanced lift truck can lift pallets straight off the floor since there are no stabilization legs to get in the way. The main disadvantage of this model of forklift is that the weight capacity and lift height will generally be less than the various styles.