

Counterbalance Forklift Attachments

Counterbalance Forklift Attachment - Counterbalance forklifts are actually popular pieces of machinery in the material handling industry. They are actually popular equipment found in warehouses and factories around the world. The leading lift truck makers such as Mitsubishi, Linde and Toyota all build counterbalance forklifts. They are available in various fuel alternatives such as gas, diesel or electric. Typically, a counterbalanced forklift truck consists of the following components:

The part for the operator called the "cab" and houses all of the pedals, steering wheel, a dashboard which contains certain readouts, levers and a variety of switches. The frame of the lift truck is the foundation designed for the different parts of the machine consisting of the mast and counterweight, the power supply, the wheels and the axles. The frame may even 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 carried. With an electric forklift, the huge lead-acid battery itself could work as part of or all of the counterweight. 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 that provide power to electric motors or a battery. The electric motors could be either DC or AC kinds.

Accessories designed for the forks differ in the type of application they allow the forklift to perform. Attachments comprise: carpet poles, pole handlers, side shifters, multipurpose clams, carton clamps, slip-sheet attachments, fork positioners, roll clamps and container handlers. Lots of manufacturing businesses will specifically modify an attachment to be able to meet a customer requirement.

When needing to park pallets closely together, the counterbalance lift truck is the best electric lift meant for the job. There are numerous advantages to utilizing a counterbalance lift instead of straddle-leg and fork-over designs. They do have several drawbacks however. A counterbalanced lift truck could lift pallets directly off the floor in view of the fact that there are no stabilization legs to get in the way. The main disadvantage of this model of forklift is that the lift height and the weight capacity would usually be less than the various kinds.