

Counterbalance Forklift Attachment

Counterbalance Forklift Attachments - Counterbalance forklifts are common pieces of machinery in the material handling industry. They are popular machines used in warehouses and factories all over the globe. The leading lift truck makers such as Mitsubishi, Linde and Toyota all make counterbalance forklifts. They are existing in a range of fuel options like for instance diesel, electric or gas. Usually, a counterbalanced forklift truck comprise the following components:

The Cab is the section which has a seat designed for the individual operating it and houses the steering wheel, a dashboard containing operator readouts, control pedals, levers plus a variety of switches. The Truck Frame is the foundation of the equipments that each of the various parts, the axles, wheels, power source, mast and counterweight are all connected to. The frame could even 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.

Made of heavy iron the counterweight is connected to the back of the forklift frame. The purpose of the counterweight is to balance all the load being lifted and transported. Using an electric lift truck, the big lead-acid battery itself could operate as part of or all of the counterweight. The Power Supply may have an internal combustion engine that can be powered by LP gas, CNG gas, diesel or gasoline. Electric lift trucks are driven by either fuel cells that provide power to a battery or electric motors. The electric motors can be either DC or AC kinds.

Attachments meant for the forks differ in the type of application they allow the lift truck to execute. Attachments include: multipurpose clamps, carton clamps, slip-sheet attachments, fork positioners, roll clamps, container handlers, carpet poles, pole handlers and side shifters. Numerous manufacturing companies will specifically modify an attachment to be able to meet a client requirement.

When needing to park pallets closely together, the counterbalance forklift is the ideal electric lift utilized for the job. There are many benefits to utilizing a counterbalance lift instead of straddle-leg and fork-over designs. They do have several drawbacks however. A counterbalanced lift truck can carry pallets directly off the ground as there are no stabilization legs to interfere. The main drawback of this unit of forklift is that the lift height and the weight capacity will normally be less compared to the various styles.