

Counterbalance Forklift Part

Counterbalance Forklift Parts - Counterbalance lift trucks are actually common pieces of equipment in the material handling industry. They are really common machinery used in warehouses and factories all over the globe. The leading lift truck producers such as Linde, Toyota and Mitsubishi all construct counterbalance lift trucks. They are obtainable in a variety of fuel options such as diesel, electric or gas. Typically, a counterbalanced forklift truck consists of the following components:

The area for the operator called the "cab" and houses all of the steering wheel, dashboard which contains certain readouts, levers, steering wheel and different switches. The frame of the forklift is the foundation intended for the different parts of the machine consisting of the mast and counterweight, the power supply, the wheels and the axles. The frame can likewise 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.

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

Attachments designed for the forks vary in the kind of application they allow the forklift to execute. Attachments consist of: side shifters, multipurpose clams, carton clamps, slip-sheet attachments, fork positioners, roll clamps, container handlers, carpet poles and pole handlers. A lot of manufacturing companies will specially customize an attachment so as to meet a customer requirement.

The counterbalanced forklift is the ideal electric lift truck to utilize for parking pallets closely all together. Counterbalanced lift trucks provide a few benefits over fork-over designs and straddle-leg styles. They do have several drawbacks however. A counterbalanced lift truck can lift pallets straight off the ground as there are no stabilization legs to interfere. The main drawback of this particular unit of forklift is that the lift height and the weight capacity will normally be less compared to the other kinds.