

Counterbalance Forklift Attachments

Counterbalance Forklift Attachments - In the material handling trade counterbalance lift trucks are very common pieces of machinery. They could be usually used in factories and warehouses all over the globe. The leading lift truck manufacturers like for example Toyota, Mitsubishi and Linde all create counterbalance lift trucks. They are accessible in various fuel options such as electric, gas or diesel. Normally, a counterbalanced forklift truck contains the following parts:

The area designed for the operator known as the "cab" and houses all of the steering wheel, dashboard which contains certain readouts, levers, steering wheel plus a variety of switches. The frame of the forklift is the foundation used for the other parts of the equipment consisting of the mast and counterweight, the power supply, the wheels and the axles. The frame may also have fuel tanks and hydraulic fuel tanks constructed as part of its assembly. The Mast is the vertical assembly that does the majority of the work raising and lowering 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 lifted. Utilizing an electric forklift, the big lead-acid battery itself can operate as part of or all of the counterbalance. The Power Supply could have an internal combustion engine that can be powered by diesel, gasoline, LP gas or CNG gas. Electric lift trucks are powered by either fuel cells that provide power to electric motors or a battery. The electric motors can be either DC or AC kinds.

Fork attachments are various kinds of material handling attachments that are presented including container handlers, carpet poles, pole handlers, side shifters, multipurpose clams, carton clamps, slip-sheet attachments, fork positioners and roll clamps.

When needing to park pallets closely together, the counterbalance forklift is the ideal electric lift meant for the job. There are a lot of benefits to using a counterbalance lift over fork-over and straddle-leg designs. They do have a few drawbacks however. A counterbalanced lift truck could lift pallets directly off the ground as 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 normally be less compared to the different kinds.