

Forklift Mast Rollers

Mast Rollers - The lift truck mast is an important part of the lift truck's structure. These forklifts or lift truck vehicles are industrial equipment utilized so as to lift and move goods.

The mast is a vertical assembly that is responsible for raising and lowering cargo. The mast of a lift truck consists of interlocking rails in order to provide some sideways stability. These rails are guided by bushings or rollers.

The masts on lift trucks make use of metal plates so as to move supplies and are powered by hydraulic systems. Hydraulics is defined by the transmission of power through the use of a pressurized fluid, which in this particular instance is oil. Hydraulic cylinders which link directly to the lift truck motor are responsible for driving the mast, causing it to lift, tilt or lower cargo. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is normally operated by way of a lever inside the cab or positioned in the section of the lift truck that houses the forklift control components and the operator.

A swing mast defines a lift truck truck using a mast which could rotate in a ninety degree angle in one direction. This design allows the swing mast to work in aisles that are less than 6 feet wide.