

Mast Rollers

Mast Rollers - The forklift mast is an essential component of the lift truck's structure. These forklifts or also called lift truck vehicles are industrial machinery utilized so as to pick up and transfer goods.

The mast is a vertical assembly which is responsible for raising and lowering the load. The mast of a lift truck comprises interlocking rails so as to provide some sideways steadiness. These rails are guided by rollers or brushings.

Utilizing metal plates to be able to help transport goods, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power which utilizes pressurized fluid, normally 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 move in a linear motion, or in strokes. The mast is often operated via a lever inside the cab or located in the part of the lift truck that houses the forklift control components and the worker.

A swing mast is a forklift mast that can rotate 90 degrees in one direction. The particular design enables the swing mast to work efficiently in constricted aisles.