

Mast Rollers

Mast Rollers - The lift truck mast is an integral part of the forklift's framework. These forklifts or likewise called lift truck vehicles are industrial equipment utilized to lift and transfer materials.

The vertical assembly responsible for lowering or raising cargo is called the mast. A lift truck mast has interlocking rails that provide lateral stability. These rails are guided by bushings or rollers.

Making use of metal plates to be able to help transfer materials, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power which uses pressurized fluid, typically oil. Hydraulic cylinders that link directly to the forklift motor are responsible for driving the mast, causing it to tilt, lower or lift a load. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is usually worked by means of a handle within the cab or located in the area of the lift truck which houses the forklift control components and the driver.

A swing mast defines a forklift truck using a mast which could turn in a 90 degree angle in one direction. This particular design allows the swing mast to function in aisles which are less than 6 feet wide.