

Mast Rollers for Forklift

Mast Roller for Forklift - The mast of the lift truck is an integral piece of the lift truck's structure. These lift truck vehicles are large industrial machines that assist businesses raise and transport materials and merchandise.

The mast is a vertical assembly which is responsible for lowering and raising cargo. The mast of a forklift has interlocking rails so as to give some lateral support. These rails are guided by rollers or brushings.

Utilizing metallic plates 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 lift truck engine are responsible for driving the mast, causing it to lift, tilt or lower 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 lever inside the cab or positioned in the section of the forklift which houses the forklift control parts and the driver.

A swing mast is a lift truck mast that can swing 90 degrees in one direction. The design enables the swing mast to operate efficiently in constricted aisles.