

Mast Roller for Forklift

Mast Rollers - The mast of the lift truck is an essential part of the lift truck's frame. These lift truck vehicles are huge industrial machines that help companies lift a transport supplies and merchandise.

The mast is a vertical assembly which is responsible for lowering and raising cargo. The mast of a lift truck comprises interlocking rails to be able to give some lateral stability. These rails are guided by bushings or rollers.

The masts on forklifts make use of metal plates so as to transfer materials and are powered by hydraulic mechanisms. Hydraulics is defined by the transmission of power through the use of a pressurized fluid, which in this particular situation is oil. Hydraulic cylinders which link directly to the forklift 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 often operated by means of a handle within the cab or positioned in the area of the forklift that houses the forklift control components and the driver.

A swing mast is a lift truck mast which could rotate ninety degrees in one direction. The design allows the swing mast to work effectively in constricted aisles.