

Mast Rollers

Mast Rollers for Forklift - The mast of the lift truck is an integral piece of the forklift's framework. These lift truck vehicles are huge industrial equipment which help companies lift a transport supplies and goods.

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

The masts on forklifts utilize metal plates in order to transfer supplies and are powered by hydraulic systems. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this particular situation is oil. Hydraulic cylinders which connect 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 within the cab or positioned in the part of the forklift which houses the forklift control components and the operator.

A swing mast is a lift truck mast that can rotate ninety degrees in one direction. The particular design allows the swing mast to function efficiently in constricted aisles.