

Mast Rollers for Forklift

Mast Rollers - The mast of the lift truck is an important piece of the forklift's frame. These lift truck vehicles are large industrial machines which assist businesses lift a transport materials and merchandise.

The mast is a vertical assembly that is responsible for lowering and raising cargo. The mast of a forklift has interlocking rails in order to provide some sideways stability. These rails are guided by rollers or brushings.

The masts on forklifts use metal plates to transfer merchandise and are powered by hydraulic systems. Hydraulics is defined by the transmission of power which utilizes pressurized fluid, which in this particular case is oil. Hydraulic cylinders that link directly to the forklift motor are responsible for driving the mast, causing it to tilt, lower or lift cargo. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is normally operated by means of a lever inside the cab or located in the section of the forklift which houses the lift truck control components and the worker.

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