

Forklift Mast Rollers

Forklift Mast Roller - The mast of the lift truck is an essential component of the forklift's frame. These lift truck vehicles are large industrial machines that assist companies raise and transfer materials and merchandise.

The mast is a vertical assembly which is responsible for raising and lowering cargo. The mast of a lift truck has interlocking rails in order to give some sideways stability. These rails are guided by bushings or rollers.

Utilizing metal plates to be able to help transport goods, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power which uses pressurized fluid, normally 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 be able to move in a linear motion, or in strokes. The mast is normally worked via a handle in the cab or positioned in the section of the lift truck that houses the forklift control parts and the driver.

A swing mast is a lift truck mast that could swing ninety degrees in one direction. The design enables the swing mast to work efficiently in constricted aisles.