

Forklift Mast Rollers

Mast Rollers for Forklift - The mast of the forklift is an integral component of the forklift's frame. These lift truck vehicles are large industrial equipment which assist businesses raise a transfer supplies and goods.

The mast is a vertical assembly that is responsible for raising and lowering the load. The mast of a lift truck has interlocking rails to be able to provide some lateral support. These rails are guided by rollers or brushings.

Utilizing metallic plates to be able to help transfer goods, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power through the use of a pressurized fluid, usually oil. Hydraulic cylinders that 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 be able to move in a linear motion, or in strokes. The mast is usually worked by means of a handle within the cab or positioned in the section of the forklift which houses the forklift control parts and the driver.

A swing mast defines a forklift truck with a mast that can swing in a ninety degree angle in one direction. This design enables the swing mast to operate in aisles which are less than 6 feet wide.