

Mast Roller for Forklift

Mast Roller for Forklift - The mast of the lift truck is an important piece of the lift truck's frame. These lift truck vehicles are large industrial machines which help businesses raise a transport 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 provide some sideways stability. These rails are guided by bushings or rollers.

The masts on forklifts make use of metal plates to be able to move merchandise and are driven by hydraulic mechanisms. Hydraulics is defined by the transmission of power which utilizes pressurized fluid, which in this particular case is oil. Hydraulic cylinders that connect 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 operated by means of a handle within the cab or situated in the section of the lift truck which houses the lift truck control parts and the operator.

A swing mast defines a forklift truck utilizing a mast that can swing in a ninety degree angle in one direction. This particular design allows the swing mast to work in aisles that are less than 6 feet wide.