

## **Mast Rollers**

Mast Roller for Forklift - The mast of the forklift is an important piece of the forklift's frame. These lift truck vehicles are large industrial machinery that help companies pick up and move supplies and goods.

The vertical construction responsible for raising or lowering a load is referred to as the mast. A lift truck mast comprises interlocking rails which give sideways steadiness. These rails are guided by rollers or bushings.

Utilizing metal plates to be able to help transport supplies, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power which uses pressurized fluid, usually oil. Hydraulic cylinders that connect directly to the forklift motor are responsible for driving the mast, causing it to lower, lift or tilt cargo. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is normally operated via a lever inside the cab or located in the section of the forklift which houses the lift truck control components and the driver.

A swing mast defines a lift truck truck using a mast which can swing in a 90 degree angle in one direction. This design enables the swing mast to work in aisles that are less than 6 feet wide.