

## **Mast Rollers for Forklift**

**Mast Rollers** - The mast of the forklift is an essential component of the forklift's framework. These forklift vehicles are large industrial machines which help companies pick up and move materials and goods.

The vertical assembly responsible for raising or lowering cargo is referred to as the mast. A lift truck mast has interlocking rails which give lateral support. These rails are guided by bushings or rollers.

Utilizing metallic plates in order to help transport merchandise, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power which utilizes 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 move in a linear motion, or in strokes. The mast is often operated by way of a handle in the cab or located in the part of the lift truck which houses the lift truck control components and the driver.

A swing mast defines a forklift truck using a mast that could swing in a 90 degree angle in one direction. This design allows the swing mast to operate in aisles that are less than 6 feet wide.