

## **Mast Rollers for Forklift**

Mast Rollers - The lift truck mast is an essential part of the forklift's structure. These lift trucks or likewise called lift truck vehicles are industrial machinery utilized to be able to pick up and transport materials.

The vertical construction responsible for raising or lowering cargo is known as the mast. A forklift mast consists of interlocking rails that provide lateral stability. These rails are guided by bushings or rollers.

The masts on forklifts use metal plates to be able to transfer materials and are powered by hydraulic systems. Hydraulics is defined by the transmission of power which utilizes pressurized fluid, which in this particular case is oil. Hydraulic cylinders that link directly to the lift truck 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 often worked via a lever in the cab or positioned in the section of the lift truck which houses the forklift control components and the driver.

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