

## **Mast Rollers for Forklift**

Mast Rollers - The lift truck mast is an important part of the lift truck's frame. These forklifts or likewise called lift truck vehicles are industrial machinery utilized to pick up and transfer materials.

The vertical construction responsible for raising or lowering a load is called the mast. A lift truck mast comprises interlocking rails which give sideways support. These rails are guided by rollers or brushings.

Using metal plates in order to help transfer merchandise, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power which uses pressurized fluid, usually oil. Hydraulic cylinders which link directly to the lift truck engine are responsible for driving the mast, causing it to lower, lift or tilt a load. 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 handle in the cab or located in the section of the forklift that houses the lift truck control components and the driver.

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