

## **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 forklift vehicles are industrial equipment utilized in order to lift and move supplies.

The mast is a vertical assembly that is responsible for raising and lowering cargo. The mast of a lift truck has interlocking rails in order to give some lateral support. These rails are guided by rollers or brushings.

Making use of metallic plates so as to help move supplies, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power which uses pressurized fluid, typically 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 normally operated by way of a handle in the cab or positioned in the section of the lift truck which houses the lift truck control parts and the operator.

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