

## **Mast Roller for Forklift**

Mast Rollers - The forklift mast is an important part of the forklift's frame. These lift trucks or likewise called lift truck vehicles are industrial machines used to lift and move goods.

The vertical construction responsible for lowering or raising a load is called the mast. A lift truck mast consists of interlocking rails that provide sideways stability. These rails are guided by bushings or rollers.

Making use of metal plates so as to help transfer goods, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power through the use of a pressurized fluid, normally oil. Hydraulic cylinders that link directly to the forklift motor are responsible for driving the mast, causing it to lower, lift or tilt a load. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is often worked by means of a handle in the cab or located in the area of the forklift that houses the forklift control parts and the operator.

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