

## **Mast Rollers**

Mast Rollers - The lift truck mast is an integral part of the lift truck's framework. These forklifts or also called forklift vehicles are industrial equipment used so as to pick up and transfer materials.

The vertical construction responsible for lowering or raising cargo is referred to as the mast. A lift truck mast comprises interlocking rails that give lateral steadiness. These rails are guided by bushings or rollers.

The masts on forklifts utilize metal plates so as to transfer supplies and are powered by hydraulic mechanisms. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this situation is oil. Hydraulic cylinders which link directly to the forklift engine are responsible for driving the mast, causing it to lift, tilt or lower cargo. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is usually operated by means of a handle within the cab or located in the area of the forklift which houses the forklift control parts and the driver.

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