

## **Mast Roller**

Mast Roller for Forklift - The mast of the lift truck is an important component of the forklift's framework. These forklift vehicles are huge industrial machines which assist companies lift a transport supplies and goods.

The vertical construction responsible for lowering or raising a load is called the mast. A forklift mast comprises interlocking rails that give lateral support. These rails are guided by bushings or rollers.

The masts on forklifts use metal plates so as to move materials 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 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 usually operated by way of a lever in the cab or positioned in the area of the lift truck which houses the lift truck control parts and the operator.

A swing mast is a lift truck mast that could turn ninety degrees in one direction. The particular design enables the swing mast to function efficiently in constricted aisles.