

## **Mast Rollers for Forklift**

Mast Rollers - The mast of the forklift is an important piece of the forklift's framework. These lift truck vehicles are huge industrial equipment which assist companies raise a transfer materials and goods.

The mast is a vertical assembly which is responsible for lowering and raising cargo. The mast of a lift truck consists of interlocking rails to provide some sideways support. These rails are guided by rollers or brushings.

The masts on forklifts use metal plates to be able to move merchandise and are driven by hydraulic systems. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this instance 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 worked by means of a lever in the cab or located in the part of the lift truck which houses the forklift control parts and the worker.

A swing mast is a forklift mast that can swing 90 degrees in one direction. The particular design enables the swing mast to function effectively in tight aisles.