

## **Mast Roller for Forklift**

**Mast Rollers** - The forklift mast is an important part of the forklift's framework. These lift trucks or likewise called lift truck vehicles are industrial equipment utilized in order to lift and transfer materials.

The mast is a vertical assembly that is responsible for lowering and raising the load. The mast of a forklift comprises interlocking rails to be able to provide some lateral support. These rails are guided by rollers or brushings.

Utilizing metal plates to be able to help move supplies, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power which utilizes pressurized fluid, typically oil. Hydraulic cylinders which connect directly to the lift truck motor are responsible for driving the mast, causing it to lift, tilt or lower cargo. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is usually worked by means of a lever inside the cab or positioned in the section of the forklift that houses the forklift control parts and the operator.

A swing mast is a forklift mast that could swing 90 degrees in one direction. The design allows the swing mast to function efficiently in constricted aisles.