

## **Mast Roller for Forklift**

Mast Rollers - The forklift mast is an essential part of the forklift's structure. These lift trucks or lift truck vehicles are industrial machines utilized to pick up and transport materials.

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

Using metal plates to help transport merchandise, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power which uses pressurized fluid, normally oil. Hydraulic cylinders that link directly to the forklift engine are responsible for driving the mast, causing it to tilt, lower or lift 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 within the cab or situated in the section of the lift truck which houses the lift truck control parts and the worker.

A swing mast is a lift truck mast that could turn 90 degrees in one direction. The particular design allows the swing mast to function efficiently in tight aisles.