

## **Mast Rollers for Forklift**

Forklift Mast Rollers - The lift truck mast is an essential component of the lift truck's structure. These lift trucks or lift truck vehicles are industrial equipment utilized in order to raise and transfer materials.

The mast is a vertical assembly that is responsible for raising and lowering the load. The mast of a lift truck has interlocking rails in order to give some lateral stability. These rails are guided by bushings or rollers.

The masts on lift trucks make use of metal plates to be able to move materials and are driven by hydraulic mechanisms. Hydraulics is defined by the transmission of power through the use of a pressurized fluid, which in this case is oil. Hydraulic cylinders that connect 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 move in a linear motion, or in strokes. The mast is often operated by way of a handle within the cab or positioned in the part of the lift truck which houses the lift truck control parts and the worker.

A swing mast is a forklift mast that could rotate 90 degrees in one direction. The design enables the swing mast to operate efficiently in tight aisles.