

## **Mast Rollers for Forklift**

Mast Rollers - The mast of the lift truck is an important component of the forklift's structure. These lift truck vehicles are large industrial equipment that assist businesses pick up and transfer materials and merchandise.

The vertical assembly responsible for lowering or raising cargo is referred to as the mast. A lift truck mast consists of interlocking rails which provide lateral support. These rails are guided by rollers or brushings.

The masts on forklifts make use of metal plates to be able to transport materials and are driven by hydraulic systems. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this case is oil. Hydraulic cylinders that link directly to the lift truck 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 operated via a lever in the cab or situated in the section of the lift truck that houses the lift truck control parts and the driver.

A swing mast is a lift truck mast which can swing ninety degrees in one direction. The design enables the swing mast to function efficiently in tight aisles.