

## **Mast Roller**

Mast Rollers - The mast of the forklift is an integral part of the forklift's framework. These forklift vehicles are large industrial machinery which help companies raise and transport materials and merchandise.

The vertical assembly responsible for lowering or raising a load is called the mast. A lift truck mast comprises interlocking rails that provide sideways steadiness. These rails are guided by rollers or brushings.

The masts on lift trucks use metal plates to be able to move goods and are driven by hydraulic systems. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this particular case is oil. Hydraulic cylinders which connect 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 be able to move in a linear motion, or in strokes. The mast is normally worked by means of a lever within the cab or situated in the area of the lift truck that houses the forklift control parts and the operator.

A swing mast is a lift truck mast that can swing ninety degrees in one direction. The particular design enables the swing mast to work effectively in tight aisles.