

## **Mast Rollers for Forklift**

Mast Rollers - The mast of the forklift is an essential piece of the lift truck's framework. These forklift vehicles are large industrial machinery which assist companies pick up a transfer materials and merchandise.

The vertical assembly responsible for lowering or raising a load is referred to as the mast. A forklift mast consists of interlocking rails that give lateral steadiness. These rails are guided by rollers or brushings.

The masts on lift trucks utilize metal plates in order to transport goods and are driven by hydraulic mechanisms. 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 forklift motor are responsible for driving the mast, causing it to lift, tilt or lower cargo. 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 handle in the cab or located in the area of the lift truck which houses the lift truck control components and the operator.

A swing mast defines a lift truck truck utilizing a mast which could swing in a 90 degree angle in one direction. This design enables the swing mast to operate in aisles that are less than 6 feet wide.