

## **Mast Roller for Forklift**

Mast Rollers - The lift truck mast is an important part of the forklift's framework. These lift trucks or lift truck vehicles are industrial equipment used so as to raise and transfer goods.

The vertical construction responsible for lowering or raising a load is called the mast. A lift truck mast consists of interlocking rails which provide lateral stability. These rails are guided by rollers or brushings.

The masts on forklifts make use of metal plates to transfer goods and are powered by hydraulic mechanisms. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this particular case is oil. Hydraulic cylinders which link directly to the lift truck motor are responsible for driving the mast, causing it to lower, lift or tilt a load. 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 lever within the cab or positioned in the section of the forklift that houses the lift truck control parts and the operator.

A swing mast is a forklift mast that can revolve 90 degrees in one direction. The particular design enables the swing mast to function effectively in tight aisles.