

## **Mast Roller for Forklift**

Mast Rollers - The mast of the forklift is an important part of the forklift's frame. These forklift vehicles are big industrial machinery that help companies lift a transfer materials and merchandise.

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

The masts on forklifts make use of metal plates to transfer materials 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 cargo. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is often worked via a handle inside the cab or situated in the section of the forklift which houses the forklift control components and the operator.

A swing mast is a lift truck mast which could rotate 90 degrees in one direction. The design enables the swing mast to work effectively in constricted aisles.