

## **Mast Roller for Forklift**

Mast Rollers - The forklift mast is an integral piece of the lift truck's framework. These forklifts or likewise called forklift vehicles are industrial equipment used to be able to pick up and transport materials.

The mast is a vertical assembly which is responsible for raising and lowering cargo. The mast of a lift truck comprises interlocking rails to be able to give some lateral support. These rails are guided by rollers or brushings.

The masts on lift trucks use metal plates in order to transport materials and are driven by hydraulic mechanisms. Hydraulics is defined by the transmission of power through the use of a pressurized fluid, which in this situation is oil. Hydraulic cylinders that link directly to the forklift motor are responsible for driving the mast, causing it to lower, lift or tilt cargo. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is usually operated by means of a lever within the cab or positioned in the area of the forklift which houses the forklift control parts and the driver.

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