

## Forklift Mast Rollers

Mast Rollers for Forklift - The forklift mast is an essential part of the forklift's structure. These forklifts or also called forklift vehicles are industrial equipment used so as to lift and transfer goods.

The mast is a vertical assembly which is responsible for lowering and raising cargo. The mast of a lift truck has interlocking rails to provide some sideways stability. These rails are guided by rollers or brushings.

Utilizing metallic plates to help transport materials, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power through the use of a pressurized fluid, usually oil. Hydraulic cylinders which connect directly to the forklift motor are responsible for driving the mast, causing it to lift, tilt or lower a load. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is often operated via a handle within the cab or located in the section of the forklift which houses the forklift control components and the driver.

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