

## Forklift Mast Rollers

Mast Rollers - The mast of the forklift is an important part of the lift truck's structure. These forklift vehicles are big industrial equipment that assist companies pick up a transfer supplies and merchandise.

The mast is a vertical assembly that is responsible for raising and lowering cargo. The mast of a lift truck comprises interlocking rails in order to provide some lateral steadiness. These rails are guided by bushings or rollers.

The masts on forklifts make use of metal plates in order to transfer materials and are driven by hydraulic systems. Hydraulics is defined by the transmission of power which utilizes pressurized fluid, which in this instance is oil. Hydraulic cylinders that 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 be able to move in a linear motion, or in strokes. The mast is usually worked by means of a handle within the cab or positioned in the part of the lift truck that houses the lift truck control components and the driver.

A swing mast is a lift truck mast that can rotate 90 degrees in one direction. The design allows the swing mast to operate effectively in constricted aisles.