

## Forklift Mast Roller

Mast Rollers for Forklift - The mast of the forklift is an important part of the forklift's framework. These lift truck vehicles are huge industrial machinery that assist businesses raise a move supplies and merchandise.

The mast is a vertical assembly that is responsible for lowering and raising the load. The mast of a forklift has interlocking rails to give some lateral support. These rails are guided by bushings or rollers.

Utilizing metal plates to help move materials, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power which utilizes pressurized fluid, normally oil. Hydraulic cylinders that connect directly to the lift truck motor are responsible for driving the mast, causing it to tilt, lower or lift cargo. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is usually worked via a handle within the cab or situated in the part of the lift truck which houses the forklift control components and the driver.

A swing mast defines a forklift truck utilizing a mast that can rotate in a ninety degree angle in one direction. This particular design allows the swing mast to function in aisles which are less than 6 feet wide.