

## Forklift Mast Rollers

Mast Rollers - The mast of the forklift is an integral piece of the lift truck's structure. These lift truck vehicles are big industrial equipment that help businesses lift and move materials and goods.

The vertical construction responsible for raising or lowering cargo is known as the mast. A lift truck mast has interlocking rails which provide sideways stability. These rails are guided by bushings or rollers.

Making use of metallic plates in order to help transfer merchandise, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power through the use of a pressurized fluid, normally oil. Hydraulic cylinders that connect 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 operated by means of a handle within the cab or situated in the area of the forklift that houses the lift truck control components and the driver.

A swing mast defines a lift truck utilizing a mast which can revolve in a 90 degree angle in one direction. This particular design allows the swing mast to operate in aisles that are less than 6 feet wide.