

## Forklift Mast Rollers

Mast Roller - The forklift mast is an important component of the lift truck's frame. These lift trucks or likewise called lift truck vehicles are industrial machinery used to lift and transport merchandise.

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

The masts on forklifts utilize metal plates to transport supplies and are driven by hydraulic mechanisms. Hydraulics is defined by the transmission of power through the use of a pressurized fluid, which in this case is oil. Hydraulic cylinders which connect directly to the lift truck engine 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 worked via a handle in the cab or situated in the section of the lift truck which houses the lift truck control components and the operator.

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