

## Mast Rollers

Forklift Mast Roller - The lift truck mast is an important part of the lift truck's structure. These lift trucks or lift truck vehicles are industrial machinery utilized to pick up and transfer merchandise.

The vertical construction responsible for raising or lowering cargo is called the mast. A lift truck mast comprises interlocking rails that provide lateral support. These rails are guided by rollers or brushings.

The masts on lift trucks make use of metal plates so as to move materials and are powered by hydraulic systems. Hydraulics is defined by the transmission of power through the use of a pressurized fluid, which in this case is oil. Hydraulic cylinders which link directly to the forklift engine 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 often worked by way of a handle within the cab or located in the section of the forklift that houses the forklift control parts and the worker.

A swing mast is a lift truck mast which could turn 90 degrees in one direction. The design enables the swing mast to work efficiently in constricted aisles.