

## Forklift Mast Rollers

Forklift Mast Rollers - The mast of the lift truck is an integral piece of the lift truck's frame. These lift truck vehicles are large industrial equipment that help businesses pick up and move supplies and merchandise.

The vertical assembly responsible for raising or lowering a load is referred to as the mast. A lift truck mast consists of interlocking rails which provide lateral steadiness. These rails are guided by rollers or brushings.

Utilizing metal plates to help transfer supplies, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power which uses pressurized fluid, usually oil. Hydraulic cylinders which link directly to the lift truck engine are responsible for driving the mast, causing it to lower, lift or tilt a load. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is usually operated by way of a lever in the cab or located in the section of the lift truck which houses the forklift control components and the worker.

A swing mast defines a lift truck truck with a mast which could 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.