

## Forklift Mast Rollers

Mast Rollers - The mast of the forklift is an important part of the lift truck's frame. These forklift vehicles are large industrial machines that help companies pick up and transfer materials and goods.

The mast is a vertical assembly which is responsible for lowering and raising the load. The mast of a forklift consists of interlocking rails to be able to provide some lateral steadiness. These rails are guided by bushings or rollers.

The masts on lift trucks use metal plates to transfer merchandise and are driven by hydraulic systems. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this particular case is oil. Hydraulic cylinders which link 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 move in a linear motion, or in strokes. The mast is usually worked by means of a lever in the cab or positioned in the area of the forklift that houses the lift truck control parts and the worker.

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