

## Mast Rollers

Forklift Mast Rollers - The mast of the lift truck is an important component of the forklift's framework. These forklift vehicles are huge industrial machinery that assist businesses lift a transport supplies and goods.

The mast is a vertical assembly that is responsible for raising and lowering cargo. The mast of a lift truck consists of interlocking rails to be able to give some sideways support. These rails are guided by rollers or brushings.

Making use of metal plates in order to help transfer goods, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power which utilizes pressurized fluid, typically oil. Hydraulic cylinders which link directly to the forklift motor are responsible for driving the mast, causing it to lift, tilt or lower cargo. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is normally operated by means of a lever in the cab or located in the area of the forklift that houses the lift truck control parts and the driver.

A swing mast defines a lift truck truck utilizing a mast which could rotate in a ninety degree angle in one direction. This design allows the swing mast to function in aisles that are less than 6 feet wide.