

## Mast Roller

Mast Rollers - The mast of the forklift is an essential component of the lift truck's framework. These lift truck vehicles are large industrial equipment that assist businesses pick up and move supplies and goods.

The vertical construction responsible for lowering or raising cargo is called the mast. A forklift mast consists of interlocking rails that give lateral steadiness. These rails are guided by bushings or rollers.

The masts on lift trucks make use of metal plates in order to transfer supplies and are driven by hydraulic systems. Hydraulics is defined by the transmission of power which utilizes pressurized fluid, which in this particular instance is oil. Hydraulic cylinders that connect directly to the lift truck motor are responsible for driving the mast, causing it to lift, tilt or lower cargo. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is usually operated by means of a lever inside the cab or positioned in the section of the lift truck which houses the lift truck control components and the operator.

A swing mast is a forklift mast that can revolve ninety degrees in one direction. The particular design allows the swing mast to operate efficiently in tight aisles.