

## Forklift Mast Roller

Mast Rollers - The mast of the lift truck is an integral piece of the lift truck's framework. These lift truck vehicles are big industrial equipment that assist businesses pick up a move materials and goods.

The vertical assembly responsible for raising or lowering a load is known as the mast. A lift truck mast consists of interlocking rails that give sideways steadiness. These rails are guided by rollers or brushings.

The masts on forklifts use metal plates to be able to transfer goods and are driven by hydraulic mechanisms. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this particular case is oil. Hydraulic cylinders that link directly to the forklift motor are responsible for driving the mast, causing it to tilt, lower or lift 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 via a lever in the cab or positioned in the section of the lift truck that houses the lift truck control parts and the worker.

A swing mast defines a forklift truck with a mast which could revolve in a 90 degree angle in one direction. This particular design allows the swing mast to work in aisles which are less than 6 feet wide.