

## **Mast Rollers for Forklift**

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

The vertical construction responsible for raising or lowering a load is called the mast. A forklift mast consists of interlocking rails that give sideways stability. These rails are guided by rollers or brushings.

The masts on lift trucks utilize metal plates to be able to transfer supplies and are driven by hydraulic mechanisms. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this case is oil. Hydraulic cylinders that link directly to the lift truck engine are responsible for driving the mast, causing it to tilt, lower or lift cargo. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is usually worked by way of a handle inside the cab or positioned in the part of the lift truck which houses the lift truck control parts and the worker.

A swing mast is a lift truck mast which can turn ninety degrees in one direction. The particular design allows the swing mast to operate effectively in tight aisles.