

## **Mast Rollers**

Mast Rollers - The mast of the forklift is an integral part of the forklift's frame. These lift truck vehicles are large industrial equipment which assist companies lift a transport supplies and merchandise.

The mast is a vertical assembly that is responsible for raising and lowering cargo. The mast of a lift truck comprises interlocking rails to be able to provide some sideways stability. These rails are guided by bushings or rollers.

The masts on lift trucks use metal plates so as to move merchandise and are powered by hydraulic systems. Hydraulics is defined by the transmission of power which utilizes pressurized fluid, which in this particular case 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 a load. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is normally worked by way of a lever in the cab or located in the part of the forklift that houses the lift truck control parts and the worker.

A swing mast is a lift truck mast that can revolve ninety degrees in one direction. The design enables the swing mast to function effectively in tight aisles.