

Mast Roller

Mast Rollers - The mast of the lift truck is an integral piece of the forklift's frame. These lift truck vehicles are big industrial machinery that help businesses lift and move supplies and goods.

The mast is a vertical assembly which is responsible for lowering and raising the load. The mast of a forklift has interlocking rails in order to give some sideways support. These rails are guided by bushings or rollers.

The masts on lift trucks utilize metal plates in order to move supplies and are powered by hydraulic systems. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this particular case is oil. Hydraulic cylinders which connect directly to the lift truck engine 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 via a handle within the cab or located in the part of the lift truck which houses the lift truck control components and the worker.

A swing mast is a forklift mast that could swing ninety degrees in one direction. The particular design enables the swing mast to work effectively in tight aisles.