

Mast Roller

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

The vertical assembly responsible for raising or lowering a load is called the mast. A lift truck mast comprises interlocking rails which give sideways stability. These rails are guided by bushings or rollers.

Using metal plates to be able to help transport supplies, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power which uses pressurized fluid, typically oil. Hydraulic cylinders which 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 move in a linear motion, or in strokes. The mast is often worked by means of a lever in the cab or located in the area of the lift truck that houses the lift truck control parts and the operator.

A swing mast is a forklift mast which can revolve ninety degrees in one direction. The particular design allows the swing mast to function effectively in constricted aisles.