

Forklift Mast Roller

Mast Rollers - The forklift mast is an important piece of the forklift's frame. These lift trucks or likewise called lift truck vehicles are industrial machinery utilized so as to raise and transfer goods.

The vertical assembly responsible for lowering or raising cargo is called the mast. A lift truck mast comprises interlocking rails which provide lateral support. These rails are guided by rollers or brushings.

The masts on lift trucks make use of metal plates in order to transfer materials and are driven by hydraulic systems. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this case is oil. Hydraulic cylinders which connect directly to the forklift 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 often operated by means of a lever inside the cab or situated in the area of the lift truck which houses the forklift control parts and the worker.

A swing mast is a lift truck mast which can swing 90 degrees in one direction. The particular design enables the swing mast to operate efficiently in constricted aisles.