

Forklift Mast Rollers

Mast Rollers - The forklift mast is an integral part of the lift truck's frame. These lift trucks or likewise called forklift vehicles are industrial equipment used so as to lift and transfer merchandise.

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

Using metallic plates so as to help transport supplies, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power which uses pressurized fluid, usually oil. Hydraulic cylinders which connect directly to the lift truck engine are responsible for driving the mast, causing it to tilt, lower or lift a load. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is usually operated by means of a lever inside the cab or positioned in the area of the lift truck which houses the forklift control components and the worker.

A swing mast is a lift truck mast that can revolve 90 degrees in one direction. The particular design enables the swing mast to work effectively in constricted aisles.