

Forklift Mast Rollers

Forklift Mast Rollers - The lift truck mast is an integral component of the lift truck's frame. These forklifts or likewise called forklift vehicles are industrial equipment utilized to be able to raise and transport materials.

The vertical assembly responsible for raising or lowering a load is called the mast. A forklift mast comprises interlocking rails which give sideways support. These rails are guided by rollers or brushings.

Using metallic plates in order to help transport materials, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power which uses pressurized fluid, typically 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 usually worked by means of a handle within the cab or situated in the section of the lift truck which houses the forklift control parts and the worker.

A swing mast is a lift truck mast that can swing 90 degrees in one direction. The design allows the swing mast to function efficiently in constricted aisles.