

Mast Roller for Forklift

Mast Roller for Forklift - The forklift mast is an essential piece of the lift truck's structure. These lift trucks or lift truck vehicles are industrial machinery used to raise and transfer supplies.

The mast is a vertical assembly which is responsible for lowering and raising cargo. The mast of a lift truck has interlocking rails so as to provide some sideways support. These rails are guided by rollers or brushings.

Using metallic plates in order to help transfer goods, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power which utilizes pressurized fluid, normally oil. Hydraulic cylinders that 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 move in a linear motion, or in strokes. The mast is normally worked by way of a handle in the cab or situated in the part of the lift truck which houses the forklift control components and the driver.

A swing mast is a forklift mast that can rotate 90 degrees in one direction. The design allows the swing mast to work efficiently in constricted aisles.