

Mast Rollers for Forklift

Mast Roller - The lift truck mast is an essential component of the forklift's framework. These forklifts or likewise called lift truck vehicles are industrial machines utilized to lift and transfer goods.

The mast is a vertical assembly which is responsible for lowering and raising the load. The mast of a lift truck comprises interlocking rails so as to give some sideways stability. These rails are guided by bushings or rollers.

Using metal plates to be able to help transport supplies, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power which uses pressurized fluid, normally oil. Hydraulic cylinders that link directly to the forklift motor are responsible for driving the mast, causing it to lower, lift or tilt a load. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is usually operated via a handle inside the cab or situated in the part of the forklift that houses the forklift control components and the driver.

A swing mast is a forklift mast that could revolve 90 degrees in one direction. The particular design allows the swing mast to function efficiently in constricted aisles.