

Mast Roller for Forklift

Mast Rollers - The forklift mast is an integral piece of the forklift's framework. These forklifts or forklift vehicles are industrial machines used to be able to pick up and transfer goods.

The mast is a vertical assembly that is responsible for raising and lowering cargo. The mast of a lift truck consists of interlocking rails in order to give some lateral steadiness. These rails are guided by rollers or brushings.

Utilizing metallic plates to help transfer merchandise, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power which utilizes pressurized fluid, typically oil. Hydraulic cylinders which 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 often worked by means of a handle inside the cab or located in the area of the lift truck that houses the forklift control components and the driver.

A swing mast defines a forklift truck using a mast which can revolve in a ninety degree angle in one direction. This design enables the swing mast to function in aisles that are less than 6 feet wide.