

Forklift Mast Rollers

Mast Rollers for Forklift - The lift truck mast is an integral part of the forklift's frame. These forklifts or also called forklift vehicles are industrial machines used to pick up and transfer goods.

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

The masts on forklifts utilize metal plates to be able to transport merchandise and are driven by hydraulic systems. Hydraulics is defined by the transmission of power which utilizes pressurized fluid, which in this particular situation is oil. Hydraulic cylinders which connect directly to the lift truck motor are responsible for driving the mast, causing it to lower, lift or tilt cargo. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is often operated by means of a lever in the cab or situated in the part of the forklift that houses the forklift control components and the worker.

A swing mast is a forklift mast that can swing 90 degrees in one direction. The particular design enables the swing mast to function efficiently in tight aisles.