

Forklift Mast Rollers

Mast Rollers - The forklift mast is an integral part of the forklift's structure. These lift trucks or likewise called lift truck vehicles are industrial equipment used in order to raise and transfer merchandise.

The mast is a vertical assembly which is responsible for raising and lowering cargo. The mast of a forklift comprises interlocking rails to be able to give some sideways steadiness. These rails are guided by rollers or brushings.

Utilizing metal plates to be able to help move merchandise, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power which utilizes pressurized fluid, typically oil. Hydraulic cylinders which link directly to the forklift motor are responsible for driving the mast, causing it to tilt, lower or lift 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 in the cab or positioned in the section of the lift truck which houses the lift truck control components and the driver.

A swing mast defines a lift truck truck with a mast which could turn in a 90 degree angle in one direction. This design enables the swing mast to work in aisles which are less than 6 feet wide.