

Mast Roller

Forklift Mast Rollers - The lift truck mast is an essential part of the forklift's frame. These lift trucks or likewise called lift truck vehicles are industrial machinery used to be able to lift and transport supplies.

The mast is a vertical assembly that is responsible for lowering and raising the load. The mast of a forklift has interlocking rails to be able to give some sideways steadiness. These rails are guided by bushings or rollers.

The masts on forklifts make use of metal plates in order to move goods and are driven by hydraulic systems. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this 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 a load. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is often worked by means of a handle inside the cab or positioned in the section of the forklift which houses the lift truck control components and the worker.

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