

Forklift Mast Rollers

Mast Rollers for Forklift - The lift truck mast is an essential piece of the forklift's framework. These forklifts or also called lift truck vehicles are industrial equipment utilized so as to lift and transfer goods.

The mast is a vertical assembly which is responsible for lowering and raising the load. The mast of a forklift has interlocking rails in order to provide some sideways support. These rails are guided by rollers or brushings.

Making use of metal plates to be able to help transfer merchandise, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power which uses pressurized fluid, typically oil. Hydraulic cylinders which connect directly to the forklift engine are responsible for driving the mast, causing it to lower, lift or tilt cargo. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is normally operated by means of a lever in the cab or situated in the section of the lift truck which houses the forklift control parts and the worker.

A swing mast defines a lift truck truck using a mast that can turn in a 90 degree angle in one direction. This design allows the swing mast to work in aisles that are less than 6 feet wide.