

Mast Rollers for Forklift

Mast Rollers - The lift truck mast is an essential piece of the lift truck's structure. These lift trucks or likewise called lift truck vehicles are industrial machines utilized in order to pick up and transfer materials.

The mast is a vertical assembly that is responsible for raising and lowering cargo. The mast of a forklift has interlocking rails to give some lateral stability. These rails are guided by bushings or rollers.

The masts on forklifts use metal plates to transport merchandise and are driven by hydraulic mechanisms. Hydraulics is defined by the transmission of power which utilizes pressurized fluid, which in this particular instance is oil. Hydraulic cylinders which connect directly to the forklift engine 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 way of a handle inside the cab or situated in the part of the forklift which houses the forklift control components and the worker.

A swing mast defines a lift truck truck with a mast which could revolve in a ninety degree angle in one direction. This particular design allows the swing mast to function in aisles that are less than 6 feet wide.