

Forklift Mast Rollers

Mast Rollers - The lift truck mast is an essential piece of the lift truck's structure. These forklifts or lift truck vehicles are industrial machines utilized to be able to lift and move merchandise.

The vertical assembly responsible for lowering or raising cargo is referred to as the mast. A lift truck mast consists of interlocking rails which give lateral steadiness. These rails are guided by bushings or rollers.

The masts on lift trucks utilize metal plates in order to transfer supplies and are powered by hydraulic mechanisms. Hydraulics is defined by the transmission of power which utilizes pressurized fluid, which in this instance is oil. Hydraulic cylinders which link 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 usually operated by means of a handle in the cab or situated in the area of the forklift which houses the forklift control components and the worker.

A swing mast is a lift truck mast which could revolve 90 degrees in one direction. The design allows the swing mast to work effectively in tight aisles.