

Forklift Mast Rollers

Mast Rollers - The mast of the forklift is an integral component of the lift truck's frame. These lift truck vehicles are huge industrial equipment which help companies lift a transfer materials and merchandise.

The vertical assembly responsible for raising or lowering cargo is known as the mast. A lift truck mast has interlocking rails that provide lateral steadiness. These rails are guided by rollers or brushings.

The masts on forklifts utilize metal plates so as to transfer merchandise and are powered by hydraulic systems. Hydraulics is defined by the transmission of power which utilizes pressurized fluid, which in this particular situation is oil. Hydraulic cylinders which link directly to the forklift motor are responsible for driving the mast, causing it to lower, lift or tilt 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 means of a handle inside the cab or positioned in the part of the forklift which houses the forklift control parts and the worker.

A swing mast defines a forklift truck utilizing a mast which could revolve 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.