

Mast Rollers for Forklift

Mast Rollers - The mast of the lift truck is an important component of the lift truck's structure. These lift truck vehicles are large industrial equipment that assist businesses lift a transport materials and goods.

The mast is a vertical assembly that is responsible for lowering and raising the load. The mast of a forklift comprises interlocking rails to provide some lateral support. These rails are guided by rollers or brushings.

The masts on forklifts utilize metal plates in order to transport merchandise and are driven by hydraulic mechanisms. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this particular instance is oil. Hydraulic cylinders which connect directly to the forklift motor are responsible for driving the mast, causing it to tilt, lower or lift a load. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is usually worked by means of a handle in the cab or located in the part of the forklift that houses the lift truck control components and the worker.

A swing mast is a lift truck mast which can swing ninety degrees in one direction. The particular design enables the swing mast to work effectively in tight aisles.