

Mast Rollers for Forklift

Mast Rollers - The mast of the lift truck is an essential part of the lift truck's structure. These lift truck vehicles are large industrial machinery that assist businesses lift and move materials and goods.

The vertical construction responsible for raising or lowering a load is called the mast. A lift truck mast comprises interlocking rails that give sideways stability. These rails are guided by bushings or rollers.

The masts on forklifts utilize metal plates to be able to transport goods and are powered by hydraulic mechanisms. Hydraulics is defined by the transmission of power which utilizes pressurized fluid, which in this particular case is oil. Hydraulic cylinders that connect directly to the forklift motor are responsible for driving the mast, causing it to lift, tilt or lower cargo. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is usually operated via a lever inside the cab or situated in the area of the lift truck which houses the lift truck control components and the worker.

A swing mast is a lift truck mast that could revolve ninety degrees in one direction. The design allows the swing mast to work efficiently in constricted aisles.