

Mast Rollers for Forklift

Forklift Mast Roller - The lift truck mast is an important component of the forklift's framework. These lift trucks or also called lift truck vehicles are industrial machines used so as to raise and move materials.

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

The masts on forklifts make use of metal plates to transport 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 tilt, lower or lift a load. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is normally operated via a handle within the cab or positioned in the area of the lift truck that houses the forklift control components and the worker.

A swing mast is a forklift mast that can turn 90 degrees in one direction. The design allows the swing mast to work effectively in tight aisles.