

Mast Rollers for Forklift

Forklift Mast Roller - The forklift mast is an integral part of the lift truck's frame. These lift trucks or also called lift truck vehicles are industrial equipment used to be able to pick up and transport materials.

The vertical construction responsible for lowering or raising a load is known as the mast. A lift truck mast has interlocking rails which give lateral steadiness. These rails are guided by bushings or rollers.

Using metallic plates to be able to help transport materials, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power which utilizes pressurized fluid, normally oil. Hydraulic cylinders that link directly to the forklift engine are responsible for driving the mast, causing it to lift, tilt or lower 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 lever in the cab or located in the area of the forklift that houses the forklift control components and the worker.

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