

Mast Rollers for Forklift

Mast Roller for Forklift - The lift truck mast is an essential piece of the lift truck's structure. These forklifts or also called forklift vehicles are industrial machines used so as to raise and move merchandise.

The vertical construction responsible for lowering or raising cargo is referred to as the mast. A lift truck mast has interlocking rails which provide lateral support. These rails are guided by bushings or rollers.

Making use of metal plates so as to help move merchandise, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power through the use of a pressurized fluid, usually 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 by means of a handle inside the cab or positioned in the area of the forklift which houses the lift truck control components and the worker.

A swing mast defines a forklift truck using a mast that can rotate in a ninety degree angle in one direction. This design allows the swing mast to work in aisles which are less than 6 feet wide.