

Mast Rollers for Forklift

Mast Rollers for Forklift - The lift truck mast is an important piece of the forklift's framework. These lift trucks or also called lift truck vehicles are industrial equipment used to be able to pick up and transfer supplies.

The vertical construction responsible for raising or lowering a load is called the mast. A forklift mast consists of interlocking rails which give lateral steadiness. These rails are guided by rollers or brushings.

The masts on forklifts use metal plates to be able to move merchandise and are powered by hydraulic mechanisms. Hydraulics is defined by the transmission of power through the use of a pressurized fluid, which in this particular case is oil. Hydraulic cylinders that connect directly to the lift truck 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 worked via a lever within the cab or positioned in the section of the lift truck that houses the lift truck control parts and the worker.

A swing mast defines a lift truck truck utilizing a mast which can rotate in a ninety degree angle in one direction. This particular design enables the swing mast to work in aisles which are less than 6 feet wide.