

Forklift Mast Roller

Forklift Mast Roller - The lift truck mast is an important component of the lift truck's structure. These lift trucks or likewise called lift truck vehicles are industrial machines used to lift and move materials.

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

Making use of metal plates so as to help transport supplies, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power through the use of a pressurized fluid, normally oil. Hydraulic cylinders that connect directly to the lift truck 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 often worked by way of a lever within the cab or positioned in the section of the forklift which houses the lift truck control components and the driver.

A swing mast is a forklift mast which can revolve 90 degrees in one direction. The design enables the swing mast to work efficiently in tight aisles.