

Forklift Mast Rollers

Mast Rollers - The lift truck mast is an essential part of the lift truck's structure. These forklifts or also called lift truck vehicles are industrial equipment used so as to lift and transfer merchandise.

The vertical assembly responsible for raising or lowering a load is known as the mast. A forklift mast consists of interlocking rails which provide lateral support. These rails are guided by bushings or rollers.

The masts on lift trucks utilize metal plates so as to move goods and are driven by hydraulic systems. Hydraulics is defined by the transmission of power through the use of a pressurized fluid, which in this situation is oil. Hydraulic cylinders that link directly to the lift truck motor are responsible for driving the mast, causing it to tilt, lower or lift a load. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is usually worked via a lever in the cab or positioned in the section of the lift truck that houses the forklift control components and the operator.

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