

Mast Roller

Mast Rollers - The mast of the forklift is an integral part of the lift truck's structure. These lift truck vehicles are big industrial equipment which help businesses raise a move supplies and merchandise.

The vertical construction responsible for raising or lowering cargo is known as the mast. A forklift mast has interlocking rails which provide lateral stability. These rails are guided by bushings or rollers.

Making use of metal plates to be able to help move goods, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power through the use of a pressurized fluid, typically oil. Hydraulic cylinders that link directly to the lift truck engine are responsible for driving the mast, causing it to tilt, lower or lift a load. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is usually operated via a lever in the cab or positioned in the area of the lift truck that houses the lift truck control components and the driver.

A swing mast defines a forklift truck with a mast that could rotate in a 90 degree angle in one direction. This particular design allows the swing mast to function in aisles that are less than 6 feet wide.