

Mast Roller for Forklift

Mast Rollers - The lift truck mast is an integral part of the lift truck's structure. These forklifts or forklift vehicles are industrial machinery used so as to pick up and transport materials.

The vertical assembly responsible for raising or lowering cargo is known as the mast. A lift truck mast has interlocking rails that provide sideways stability. These rails are guided by rollers or brushings.

The masts on forklifts make use of metal plates in order to transfer materials and are powered by hydraulic systems. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this instance is oil. Hydraulic cylinders that link directly to the lift truck engine are responsible for driving the mast, causing it to lower, lift or tilt 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 handle within the cab or located in the part of the lift truck which houses the lift truck control components and the operator.

A swing mast is a forklift mast that can revolve ninety degrees in one direction. The design enables the swing mast to work effectively in tight aisles.