

Forklift Mast Rollers

Forklift Mast Roller - The lift truck mast is an essential piece of the lift truck's frame. These lift trucks or also called forklift vehicles are industrial machinery used to be able to pick up and transport materials.

The mast is a vertical assembly that is responsible for raising and lowering the load. The mast of a lift truck comprises interlocking rails to be able to provide some lateral stability. These rails are guided by rollers or brushings.

The masts on forklifts make use of metal plates so as to move materials and are powered by hydraulic systems. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this situation is oil. Hydraulic cylinders which link directly to the lift truck motor are responsible for driving the mast, causing it to tilt, lower or lift cargo. 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 situated in the section of the lift truck which houses the lift truck control parts and the driver.

A swing mast is a forklift mast that can rotate 90 degrees in one direction. The design enables the swing mast to operate effectively in tight aisles.