

Mast Roller

Mast Rollers - The mast of the lift truck is an integral component of the forklift's framework. These lift truck vehicles are huge industrial machinery which help businesses lift a transfer materials and merchandise.

The vertical construction responsible for raising or lowering cargo is called the mast. A forklift mast consists of interlocking rails that give lateral steadiness. These rails are guided by bushings or rollers.

Using metal plates to be able to help transport goods, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power through the use of a pressurized fluid, usually oil. Hydraulic cylinders that connect directly to the forklift motor 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 often worked by way of a lever in the cab or situated in the area of the forklift which houses the forklift control components and the worker.

A swing mast defines a lift truck truck utilizing a mast which can rotate in a 90 degree angle in one direction. This design enables the swing mast to operate in aisles which are less than 6 feet wide.