

Mast Rollers

Mast Rollers - The lift truck mast is an important part of the lift truck's framework. These lift trucks or lift truck vehicles are industrial equipment utilized to be able to pick up and transport supplies.

The mast is a vertical assembly which is responsible for lowering and raising cargo. The mast of a forklift consists of interlocking rails so as to give some lateral steadiness. These rails are guided by bushings or rollers.

The masts on forklifts use metal plates in order to transfer merchandise and are driven by hydraulic mechanisms. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this particular situation is oil. Hydraulic cylinders that link directly to the lift truck engine 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 normally operated via a lever inside the cab or located in the area of the forklift which houses the lift truck control components and the worker.

A swing mast defines a forklift truck utilizing a mast which can rotate in a ninety degree angle in one direction. This particular design allows the swing mast to function in aisles which are less than 6 feet wide.