

Mast Rollers

Forklift Mast Roller - The lift truck mast is an important piece of the lift truck's frame. These lift trucks or forklift vehicles are industrial machines used to be able to pick up and transfer merchandise.

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

Making use of metal plates to be able to help move materials, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power through the use of a pressurized fluid, normally oil. Hydraulic cylinders that connect directly to the forklift engine are responsible for driving the mast, causing it to tilt, lower or lift a load. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is normally worked by way of a lever inside the cab or situated in the section of the forklift which houses the lift truck control components and the driver.

A swing mast is a lift truck mast which can turn ninety degrees in one direction. The particular design enables the swing mast to operate effectively in tight aisles.