

Mast Rollers

Forklift Mast Roller - The lift truck mast is an essential piece of the lift truck's structure. These forklifts or also called lift truck vehicles are industrial machinery used in order to lift and transport merchandise.

The mast is a vertical assembly which is responsible for lowering and raising cargo. The mast of a lift truck comprises interlocking rails so as to provide some lateral support. These rails are guided by bushings or rollers.

Utilizing metallic plates to help transport merchandise, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power which utilizes pressurized fluid, usually oil. Hydraulic cylinders that link directly to the forklift motor are responsible for driving the mast, causing it to tilt, lower or lift cargo. 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 positioned in the area of the forklift that houses the forklift control parts and the operator.

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