

Mast Roller for Forklift

Mast Roller for Forklift - The lift truck mast is an integral part of the lift truck's framework. These forklifts or likewise called forklift vehicles are industrial machinery utilized to pick up 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 in order to give some lateral stability. These rails are guided by bushings or rollers.

The masts on lift trucks utilize metal plates to transfer merchandise and are powered by hydraulic mechanisms. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this particular case 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 usually worked by way of a handle within the cab or situated in the area of the forklift which houses the lift truck control components and the driver.

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