

Mast Rollers for Forklift

Mast Rollers - The lift truck mast is an integral part of the lift truck's framework. These forklifts or lift truck vehicles are industrial machines used in order to lift and transport goods.

The mast is a vertical assembly that is responsible for lowering and raising the load. The mast of a forklift comprises interlocking rails to give some sideways steadiness. These rails are guided by bushings or rollers.

Utilizing metal plates so as to help transport materials, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power which uses pressurized fluid, typically oil. Hydraulic cylinders which link directly to the forklift motor are responsible for driving the mast, causing it to lower, lift or tilt a load. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is normally worked via a handle inside the cab or positioned in the area of the lift truck which houses the forklift control components and the operator.

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