Mast Roller for Forklift

Mast Rollers for Forklift - The mast of the lift truck is an essential component of the forklift's frame. These forklift vehicles are huge industrial machinery that help companies lift a transfer materials and merchandise.

The vertical construction responsible for lowering or raising cargo is known as the mast. A forklift mast has interlocking rails which give sideways support. These rails are guided by bushings or rollers.

Using metallic plates to help transport merchandise, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power which uses pressurized fluid, typically oil. Hydraulic cylinders which connect directly to the lift truck engine are responsible for driving the mast, causing it to lift, tilt or lower cargo. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is usually worked via a handle inside the cab or located in the section of the forklift that houses the lift truck control parts and the driver.

A swing mast defines a lift truck truck using a mast that can turn in a ninety degree angle in one direction. This design enables the swing mast to work in aisles which are less than 6 feet wide.