

Forklift Mast Roller

Mast Rollers for Forklift - The mast of the lift truck is an essential component of the lift truck's structure. These forklift vehicles are large industrial machines which assist companies lift a transfer supplies and merchandise.

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

The masts on forklifts use metal plates in order to transfer supplies and are powered by hydraulic mechanisms. Hydraulics is defined by the transmission of power through the use of a pressurized fluid, which in this case is oil. Hydraulic cylinders that link 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 operated by means of a lever in the cab or positioned in the area of the lift truck which houses the lift truck control parts and the operator.

A swing mast defines a lift truck truck using a mast which could turn in a 90 degree angle in one direction. This design allows the swing mast to work in aisles that are less than 6 feet wide.