

Mast Rollers

The mast of the forklift is an integral component of the lift truck's framework. These lift truck vehicles are big industrial machines that assist businesses pick up a transfer supplies and merchandise.

The vertical construction responsible for lowering or raising cargo is called the mast. A forklift mast comprises interlocking rails which give sideways stability. These rails are guided by rollers or brushings.

Making use of metal plates to be able to help transfer merchandise, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power through the use of a pressurized fluid, usually oil. Hydraulic cylinders which connect directly to the forklift motor are responsible for driving the mast, causing it to lift, tilt or lower 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 means of a lever in the cab or located in the area of the lift truck that houses the lift truck control parts and the operator.

A swing mast defines a lift truck truck utilizing 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.