

Mast Rollers

Forklift Mast Roller - The mast of the lift truck is an integral piece of the lift truck's frame. These forklift vehicles are huge industrial equipment that assist companies lift a move materials and merchandise.

The vertical construction responsible for lowering or raising cargo is referred to as the mast. A lift truck mast has interlocking rails which give lateral stability. These rails are guided by bushings or rollers.

Utilizing metal plates to be able to help transport 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 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 usually operated via a lever inside the cab or located in the section of the forklift that houses the lift truck control parts and the operator.

A swing mast is a lift truck mast that could rotate ninety degrees in one direction. The design enables the swing mast to work effectively in tight aisles.