

Forklift Mast Rollers

Mast Rollers - The mast of the lift truck is an integral piece of the forklift's framework. These forklift vehicles are large industrial machinery which assist companies pick up and move supplies and merchandise.

The mast is a vertical assembly which is responsible for raising and lowering cargo. The mast of a forklift comprises interlocking rails to be able to provide some lateral steadiness. These rails are guided by rollers or brushings.

Using metallic plates so as to help transport merchandise, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power through the use of a pressurized fluid, typically oil. Hydraulic cylinders which connect directly to the lift truck motor are responsible for driving the mast, causing it to lower, lift or tilt cargo. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is often operated via a handle in the cab or positioned in the area of the lift truck that houses the forklift control components and the driver.

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