

Forklift Mast Roller

Mast Rollers for Forklift - The mast of the lift truck is an important piece of the forklift's framework. These lift truck vehicles are huge industrial equipment which help businesses raise a transfer supplies and merchandise.

The mast is a vertical assembly which is responsible for lowering and raising the load. The mast of a lift truck consists of interlocking rails in order to provide some sideways stability. These rails are guided by rollers or brushings.

Making use of metallic plates in order to help transfer merchandise, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power which uses pressurized fluid, usually oil. Hydraulic cylinders that connect directly to the forklift engine are responsible for driving the mast, causing it to tilt, lower or lift a load. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is often operated by means of a lever in the cab or situated in the section of the lift truck that houses the forklift control components and the driver.

A swing mast defines a forklift truck with a mast which could swing 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.