

Forklift Mast Roller

Mast Rollers - The mast of the forklift is an important component of the forklift's framework. These lift truck vehicles are huge industrial machines which assist companies raise a transport materials and merchandise.

The mast is a vertical assembly which is responsible for lowering and raising the load. The mast of a forklift has interlocking rails in order to give some lateral support. These rails are guided by bushings or rollers.

The masts on forklifts make use of metal plates in order to move 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 situation is oil. Hydraulic cylinders which link directly to the forklift motor are responsible for driving the mast, causing it to tilt, lower or lift a load. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is often operated by means of a handle inside the cab or positioned in the part of the lift truck which houses the forklift control components and the driver.

A swing mast is a forklift mast that could swing 90 degrees in one direction. The design enables the swing mast to operate effectively in tight aisles.