

Mast Rollers for Forklift

Forklift Mast Roller - The forklift mast is an integral component of the forklift's frame. These forklifts or lift truck vehicles are industrial equipment utilized to be able to pick up and transfer goods.

The mast is a vertical assembly that is responsible for lowering and raising the load. The mast of a lift truck comprises interlocking rails to be able to provide some lateral support. These rails are guided by bushings or rollers.

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 which uses pressurized fluid, normally oil. Hydraulic cylinders which connect directly to the forklift engine are responsible for driving the mast, causing it to lift, tilt or lower a load. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is often worked by means of a handle within 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 forklift mast that can turn ninety degrees in one direction. The design enables the swing mast to operate effectively in tight aisles.