

Mast Rollers for Forklift

Mast Rollers - The mast of the lift truck is an essential part of the lift truck's frame. These forklift vehicles are big industrial machinery which help companies lift a transfer materials and goods.

The mast is a vertical assembly that is responsible for lowering and raising the load. The mast of a forklift consists of interlocking rails to be able to give some lateral stability. These rails are guided by rollers or brushings.

Utilizing metallic plates in order to help transport supplies, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power which uses pressurized fluid, typically oil. Hydraulic cylinders which 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 be able to move in a linear motion, or in strokes. The mast is usually operated via a handle in the cab or situated in the area of the lift truck which houses the forklift control components and the operator.

A swing mast is a forklift mast which can turn ninety degrees in one direction. The design allows the swing mast to work efficiently in tight aisles.