

Forklift Mast Rollers

Mast Rollers - The mast of the lift truck is an important part of the lift truck's framework. These lift truck vehicles are huge industrial machines which assist businesses lift a transfer materials and merchandise.

The mast is a vertical assembly which is responsible for lowering and raising cargo. The mast of a forklift consists of interlocking rails so as to provide some sideways steadiness. These rails are guided by bushings or rollers.

The masts on lift trucks utilize metal plates to be able to transport goods and are powered by hydraulic systems. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this particular situation is oil. Hydraulic cylinders which link directly to the forklift motor are responsible for driving the mast, causing it to lower, lift or tilt 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 inside the cab or located in the area of the lift truck that houses the forklift control parts and the operator.

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