

Mast Rollers

Mast Roller for Forklift - The forklift mast is an important component of the lift truck's framework. These forklifts or also called lift truck vehicles are industrial equipment utilized to be able to lift and transport merchandise.

The mast is a vertical assembly that is responsible for raising and lowering the load. The mast of a lift truck consists of interlocking rails in order to give some sideways steadiness. These rails are guided by bushings or rollers.

The masts on lift trucks use metal plates in order to transport materials and are powered by hydraulic systems. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this particular instance is oil. Hydraulic cylinders that connect directly to the forklift motor are responsible for driving the mast, causing it to lower, lift or tilt cargo. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is normally operated via a lever within the cab or situated in the area of the lift truck which houses the lift truck control components and the driver.

A swing mast defines a lift truck truck using a mast that can rotate in a ninety degree angle in one direction. This design allows the swing mast to function in aisles that are less than 6 feet wide.