

Mast Roller for Forklift

Mast Roller - The forklift mast is an integral piece of the lift truck's frame. These lift trucks or lift truck vehicles are industrial equipment utilized to lift and move supplies.

The mast is a vertical assembly that is responsible for lowering and raising cargo. The mast of a forklift comprises interlocking rails to be able to give some sideways steadiness. These rails are guided by bushings or rollers.

Utilizing metallic plates to help transport materials, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power which uses pressurized fluid, normally oil. Hydraulic cylinders that connect directly to the lift truck engine are responsible for driving the mast, causing it to lift, tilt or lower 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 by way of a lever within the cab or located in the part of the lift truck that houses the forklift control components and the operator.

A swing mast defines a lift truck truck utilizing a mast which could rotate in a ninety degree angle in one direction. This particular design allows the swing mast to operate in aisles that are less than 6 feet wide.