

Mast Roller

Mast Rollers - 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 supplies.

The vertical construction responsible for raising or lowering a load is referred to as the mast. A forklift mast comprises interlocking rails that provide lateral support. These rails are guided by bushings or rollers.

The masts on forklifts use metal plates so as to move merchandise and are powered by hydraulic systems. Hydraulics is defined by the transmission of power which utilizes pressurized fluid, which in this case is oil. Hydraulic cylinders that link directly to the lift truck motor 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 usually operated by way of a lever in the cab or situated in the section of the lift truck which houses the forklift control components and the operator.

A swing mast defines a lift truck truck with a mast which can swing in a ninety degree angle in one direction. This particular design allows the swing mast to work in aisles which are less than 6 feet wide.