

Mast Roller for Forklift

Forklift Mast Roller - The mast of the forklift is an important component of the forklift's structure. These lift truck vehicles are big industrial equipment which help businesses pick up and move materials and merchandise.

The vertical construction responsible for raising or lowering cargo is called the mast. A forklift mast consists of interlocking rails which give sideways steadiness. These rails are guided by rollers or brushings.

The masts on lift trucks make use of metal plates in order to transfer materials and are driven by hydraulic systems. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this particular case is oil. Hydraulic cylinders which link directly to the forklift motor are responsible for driving the mast, causing it to lift, tilt or lower cargo. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is often operated via a lever in the cab or situated in the part of the lift truck that houses the lift truck control parts and the operator.

A swing mast is a lift truck mast that can revolve ninety degrees in one direction. The particular design enables the swing mast to operate efficiently in constricted aisles.