

Forklift Mast Rollers

Mast Rollers - The mast of the lift truck is an integral piece of the lift truck's frame. These lift truck vehicles are huge industrial equipment which help businesses raise a transfer materials and merchandise.

The vertical assembly responsible for raising or lowering a load is referred to as the mast. A lift truck mast comprises interlocking rails which provide sideways support. These rails are guided by rollers or brushings.

Making use of metal plates in order to help transport materials, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power through the use of a pressurized fluid, normally oil. Hydraulic cylinders that link directly to the forklift motor are responsible for driving the mast, causing it to tilt, lower or lift a load. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is usually operated via a handle inside the cab or situated in the section of the lift truck that houses the lift truck control parts and the driver.

A swing mast is a forklift mast that can revolve 90 degrees in one direction. The particular design allows the swing mast to function efficiently in tight aisles.