

Forklift Mast Roller

Forklift Mast Rollers - The mast of the lift truck is an important part of the forklift's framework. These lift truck vehicles are big industrial machinery which help businesses pick up and move materials and merchandise.

The vertical assembly responsible for raising or lowering a load is called the mast. A forklift mast consists of interlocking rails which give sideways support. These rails are guided by rollers or brushings.

Utilizing metal plates to help move materials, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power which uses pressurized fluid, typically oil. Hydraulic cylinders which connect directly to the forklift engine are responsible for driving the mast, causing it to tilt, lower or lift a load. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is usually operated by means of a handle within the cab or positioned in the part of the forklift which houses the forklift control components and the worker.

A swing mast is a forklift mast which could revolve ninety degrees in one direction. The particular design allows the swing mast to operate effectively in tight aisles.