

Mast Roller

Mast Rollers - The mast of the forklift is an important component of the forklift's structure. These lift truck vehicles are huge industrial machines that assist companies pick up and transfer materials and goods.

The vertical construction responsible for raising or lowering a load is known as the mast. A forklift mast comprises interlocking rails which give sideways stability. These rails are guided by bushings or rollers.

Utilizing metallic plates to be able to help transfer materials, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power which uses pressurized fluid, typically oil. Hydraulic cylinders which link directly to the forklift motor are responsible for driving the mast, causing it to tilt, lower or lift 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 via a handle within the cab or situated in the section of the lift truck which houses the lift truck control components and the worker.

A swing mast is a forklift mast that could swing 90 degrees in one direction. The design allows the swing mast to operate efficiently in constricted aisles.