

Mast Rollers

Mast Rollers - The mast of the forklift is an integral piece of the lift truck's frame. These lift truck vehicles are big industrial equipment that help businesses lift a transfer supplies and merchandise.

The mast is a vertical assembly that is responsible for raising and lowering the load. The mast of a lift truck has interlocking rails to give some sideways stability. These rails are guided by bushings or rollers.

The masts on forklifts utilize metal plates to move goods and are driven by hydraulic mechanisms. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this situation is oil. Hydraulic cylinders which link directly to the forklift engine are responsible for driving the mast, causing it to lower, lift or tilt cargo. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is normally operated by way of a handle inside the cab or situated in the part of the lift truck that houses the forklift control components and the worker.

A swing mast is a lift truck mast that can revolve ninety degrees in one direction. The design allows the swing mast to work effectively in constricted aisles.