

Mast Roller

Forklift Mast Rollers - The lift truck mast is an integral component of the forklift's structure. These forklifts or also called forklift vehicles are industrial equipment utilized to lift and transfer goods.

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

Utilizing metallic plates in order to help transport supplies, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power which uses pressurized fluid, normally oil. Hydraulic cylinders that connect directly to the lift truck engine are responsible for driving the mast, causing it to lower, lift or tilt 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 worked via a lever inside the cab or positioned in the area of the forklift which houses the lift truck control components and the worker.

A swing mast is a lift truck mast that could turn ninety degrees in one direction. The design enables the swing mast to work efficiently in constricted aisles.