

Mast Roller for Forklift

Forklift Mast Rollers - The mast of the lift truck is an important piece of the forklift's frame. These lift truck vehicles are big industrial machinery that assist companies raise a move materials and goods.

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

Utilizing metallic plates to help transport merchandise, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power which utilizes pressurized fluid, normally oil. Hydraulic cylinders that link directly to the forklift motor are responsible for driving the mast, causing it to lift, tilt or lower a load. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is normally worked by way of a handle inside the cab or located in the area of the forklift which houses the forklift control components and the driver.

A swing mast is a forklift mast which can revolve 90 degrees in one direction. The particular design enables the swing mast to operate efficiently in constricted aisles.