

Mast Roller for Forklift

Mast Rollers - The forklift mast is an important part of the forklift's structure. These forklifts or lift truck vehicles are industrial machines utilized to lift and transport merchandise.

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

Using metallic plates so as to help transport goods, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power which utilizes pressurized fluid, usually oil. Hydraulic cylinders that link directly to the lift truck motor are responsible for driving the mast, causing it to tilt, lower or lift cargo. 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 within the cab or situated in the area of the lift truck which houses the forklift control parts and the operator.

A swing mast is a lift truck mast that can rotate 90 degrees in one direction. The particular design enables the swing mast to operate efficiently in tight aisles.