

Mast Rollers for Forklift

Mast Rollers - The forklift mast is an important piece of the forklift's structure. These lift trucks or forklift vehicles are industrial equipment utilized to be able to pick up and transfer goods.

The mast is a vertical assembly which is responsible for raising and lowering the load. The mast of a forklift consists of interlocking rails to be able to give some lateral steadiness. These rails are guided by bushings or rollers.

The masts on lift trucks make use of metal plates to be able to transfer supplies and are powered by hydraulic systems. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this situation is oil. Hydraulic cylinders that connect directly to the forklift engine 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 usually worked by means of a lever within the cab or situated in the part of the forklift that houses the forklift control components and the driver.

A swing mast is a lift truck mast that can rotate ninety degrees in one direction. The particular design allows the swing mast to function effectively in tight aisles.