

## Mast Roller

Mast Rollers - The lift truck mast is an essential part of the forklift's structure. These forklifts or likewise called lift truck vehicles are industrial machinery utilized in order to pick up and transfer goods.

The vertical construction responsible for lowering or raising a load is called the mast. A forklift mast consists of interlocking rails that provide sideways stability. These rails are guided by bushings or rollers.

Utilizing metallic plates to help transfer supplies, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power which utilizes pressurized fluid, typically oil. Hydraulic cylinders which connect directly to the forklift engine are responsible for driving the mast, causing it to lift, tilt or lower 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 located in the section of the forklift which houses the forklift control components and the driver.

A swing mast is a forklift mast that could turn 90 degrees in one direction. The design allows the swing mast to work effectively in constricted aisles.