

## Mast Roller

Forklift Mast Rollers - The lift truck mast is an integral component of the forklift's structure. These forklifts or forklift vehicles are industrial equipment used to be able to raise and transport merchandise.

The vertical assembly responsible for lowering or raising cargo is referred to as the mast. A lift truck mast has interlocking rails which give sideways steadiness. These rails are guided by rollers or brushings.

Making use of metallic plates so as to help move goods, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power through the use of a pressurized fluid, typically oil. Hydraulic cylinders which connect directly to the lift truck engine 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 lever in the cab or positioned in the area of the lift truck that houses the lift truck control parts and the driver.

A swing mast is a lift truck mast that could turn 90 degrees in one direction. The design enables the swing mast to operate effectively in tight aisles.