

## Forklift Mast Roller

Mast Rollers - The mast of the lift truck is an integral part of the lift truck's structure. These forklift vehicles are large industrial machines that assist companies lift a transfer supplies and merchandise.

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

Making use of metal plates to help transport 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 link directly to the lift truck engine are responsible for driving the mast, causing it to lower, lift or tilt cargo. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is normally operated via a handle inside the cab or positioned in the part of the lift truck that houses the lift truck control components and the worker.

A swing mast is a forklift mast which could swing ninety degrees in one direction. The design enables the swing mast to operate effectively in tight aisles.