

## Forklift Mast Rollers

Mast Rollers - The lift truck mast is an integral part of the lift truck's framework. These forklifts or also called forklift vehicles are industrial machinery utilized to be able to pick up and move goods.

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

Making use of metallic plates in order to help transfer 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 forklift engine are responsible for driving the mast, causing it to tilt, lower or lift a load. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is often worked via a lever in the cab or located in the area of the lift truck which houses the lift truck control components and the worker.

A swing mast defines a lift truck truck utilizing a mast which could swing in a 90 degree angle in one direction. This design enables the swing mast to function in aisles which are less than 6 feet wide.