

## Forklift Mast Rollers

Mast Rollers - The forklift mast is an essential part of the lift truck's frame. These forklifts or lift truck vehicles are industrial machinery used in order to raise and move supplies.

The vertical assembly responsible for lowering or raising a load is known as the mast. A forklift mast consists of interlocking rails which give lateral support. These rails are guided by rollers or brushings.

The masts on forklifts utilize metal plates in order to move supplies and are powered by hydraulic systems. Hydraulics is defined by the transmission of power which utilizes pressurized fluid, which in this situation is oil. Hydraulic cylinders that connect directly to the lift truck motor are responsible for driving the mast, causing it to lower, lift or tilt 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 by means of a handle inside the cab or situated in the area of the lift truck which houses the lift truck control components and the worker.

A swing mast is a lift truck mast which can revolve 90 degrees in one direction. The particular design enables the swing mast to function effectively in constricted aisles.