

## Forklift Mast Roller

Mast Rollers for Forklift - The mast of the forklift is an integral part of the forklift's structure. These forklift vehicles are big industrial equipment which help companies raise a transfer materials and merchandise.

The mast is a vertical assembly that is responsible for raising and lowering cargo. The mast of a lift truck consists of interlocking rails to give some lateral support. These rails are guided by bushings or rollers.

The masts on lift trucks utilize metal plates so as to transport materials and are powered by hydraulic mechanisms. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this situation is oil. Hydraulic cylinders which connect directly to the forklift engine are responsible for driving the mast, causing it to tilt, lower or lift cargo. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is normally worked by means of a lever within the cab or positioned in the area of the lift truck that houses the lift truck control parts and the worker.

A swing mast is a forklift mast which could turn ninety degrees in one direction. The particular design enables the swing mast to function effectively in constricted aisles.