

## Forklift Mast Roller

Mast Rollers for Forklift - The mast of the forklift is an essential part of the forklift's frame. These forklift vehicles are large industrial machinery which help businesses raise a transfer supplies and goods.

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

Making use of metallic plates in order to help transport goods, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power which utilizes pressurized fluid, typically oil. Hydraulic cylinders that connect directly to the forklift motor 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 usually worked by way of a handle within the cab or located in the section of the lift truck that houses the lift truck control parts and the worker.

A swing mast defines a forklift truck utilizing a mast which can turn in a ninety degree angle in one direction. This particular design enables the swing mast to function in aisles that are less than 6 feet wide.