

## Forklift Mast Roller

Mast Roller for Forklift - The forklift mast is an integral part of the forklift's structure. These lift trucks or also called lift truck vehicles are industrial equipment utilized so as to raise and move merchandise.

The vertical construction responsible for raising or lowering a load is referred to as the mast. A lift truck mast comprises interlocking rails which give lateral stability. These rails are guided by rollers or brushings.

Making use of metal plates in order to help transfer merchandise, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power which utilizes pressurized fluid, usually oil. Hydraulic cylinders that connect 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 usually worked by means of a handle within the cab or situated in the part of the forklift which houses the lift truck control parts and the operator.

A swing mast defines a forklift truck using a mast which can rotate in a 90 degree angle in one direction. This particular design enables the swing mast to work in aisles that are less than 6 feet wide.