

## **Mast Roller for Forklift**

Mast Rollers for Forklift - The forklift mast is an integral component of the lift truck's framework. These forklifts or also called forklift vehicles are industrial equipment utilized so as to pick up and transfer materials.

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

Making use of metal plates so as to help move supplies, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power through the use of a pressurized fluid, usually oil. Hydraulic cylinders which link directly to the lift truck engine are responsible for driving the mast, causing it to lift, tilt or lower cargo. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is usually worked by way of a lever in the cab or positioned in the section of the lift truck that houses the lift truck control components and the operator.

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